

WARM-UP/DEVELOPMENT SERIES

Instrumental Warm-Ups And Builders
for individual or ensemble study

Compiled by
Jeff Cranfill

Instrumentation

Score
Flute/Oboe/Violin
Clarinet
Tenor Saxophone/Baritone T.C./Bass Clarinet
Eb Alto Saxophone
Eb Baritone Saxophone
Bassoon/Cello
F Horn
Trumpet
Trombone/Baritone B.C.
Bass/Tuba
Percussion (Mallets, Timpani)
Keyboard/Guitar
Viola

Jeff Cranfill Music

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Jeff Cranfill Music

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CONDUCTOR

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

Conductor/Keyboard **TONE BUILDERS**

1

Musical notation for exercise 1, measures 1-6. The piece is in 2/4 time with a key signature of two flats (B-flat and E-flat). The notation is for a grand staff (treble and bass clefs). Measures 1-2: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3). Measures 3-4: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3). Measures 5-6: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3).

Musical notation for exercise 1, measures 7-12. The piece is in 2/4 time with a key signature of two flats (B-flat and E-flat). The notation is for a grand staff (treble and bass clefs). Measures 7-8: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3). Measures 9-10: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3). Measures 11-12: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3).

2

Musical notation for exercise 2, measures 13-19. The piece is in 2/4 time with a key signature of two flats (B-flat and E-flat). The notation is for a grand staff (treble and bass clefs). Measures 13-14: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3). Measures 15-16: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3). Measures 17-18: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3). Measure 19: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3).

Musical notation for exercise 2, measures 20-26. The piece is in 2/4 time with a key signature of two flats (B-flat and E-flat). The notation is for a grand staff (treble and bass clefs). Measures 20-21: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3). Measures 22-23: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3). Measures 24-25: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3). Measure 26: Treble clef has a whole note chord (F4, A4, C5) and bass clef has a whole note chord (F2, A2, C3).

3

Musical notation for measures 27-30. The piece is in 3/4 time and B-flat major. Measures 27-29 feature a melodic line in the right hand and a bass line in the left hand, both with a long slur. Measure 30 contains a whole note chord in both hands.

Musical notation for measures 31-36. Measures 31-32 have a melodic line in the right hand and a bass line in the left hand, with a slur. Measures 33-35 continue the melodic and bass lines with a slur. Measure 36 is a whole note chord in both hands.

Musical notation for measures 37-42. Measures 37-38 have a melodic line in the right hand and a bass line in the left hand, with a slur. Measures 39-41 continue the melodic and bass lines with a slur. Measure 42 is a whole note chord in both hands.

Musical notation for measures 43-47. Measures 43-44 have a melodic line in the right hand and a bass line in the left hand, with a slur. Measures 45-46 continue the melodic and bass lines with a slur. Measure 47 is a whole note chord in both hands.

C Treble Clef

INTERVALS

An interval is the space between two notes

1 unison minor second major second minor third

major third perfect fourth augmented fourth perfect fifth

augmented fifth major sixth minor seventh major seventh octave

MAJOR SCALE INTERVALS

2 unison major second major third perfect fourth

perfect fifth major sixth major seventh octave

MAJOR SCALE DEGREES

3

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4 Major Minor Seventh Diminished Augmented

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

CHORD PITCH DRILL

Page 1

each pitch functions as 1,3,5 and 7 in a chord.

C

Flute, Oboe, Violin

Clarinets

Bassoons

Viola

Alto Sax

B Sax

Trumpets

Horns 1,2

Trombones

Bass Tuba

Mallets

Timp.

Piano
Guitar

n.c. C n.c. Ab n.c. F n.c. D7 G

1 2 3 4 5 6 7 8 9

CHORD PITCH DRILL

Page 2

G

Flt, Ob, Vln

Clts

Bsns.

Viola

A. Sax

B Sax

Tpts

Hns.

Trbs.

Bass Tuba

Mallets

Timp.

Piano Guitar

n.c. G n.c. Eb n.c. C n.c. A7 D

10

11

12

13

14

15

16

17

18

CHORD PITCH DRILL

Page 3

D

Flt, Ob, Vln

Clts

Bsns.

Viola

A. Sax

B Sax

Tpts

Hns.

Trbs.

Bass Tuba

Mallets

Timp.

Piano Guitar

n.c. D n.c. B \flat n.c. G n.c. E7 A

19 20 21 22 23 24 25 26 27

CHORD PITCH DRILL

Page 4

A

Flt, Ob, Vln

Clts

Bsns.

Viola

A. Sax

B Sax

Tpts

Hns.

Trbs.

Bass Tuba

Mallets

Timp.

Piano Guitar

n.c. A n.c. F n.c. D n.c. B7 E

28

29

30

31

32

33

34

35

36

CHORD PITCH DRILL

Page 5

E

Flt, Ob, Vln

Clts

Bsns.

Viola

A. Sax

B Sax

Tpts

Hns.

Trbs.

Bass Tuba

Mallets

Timp.

Piano Guitar

n.c. E n.c. C n.c. A n.c. F#7 B

37

38

39

40

41

42

43

44

45

CHORD PITCH DRILL

Page 6

B

Flt, Ob,
Vln

Clts

Bsns.

Viola

A. Sax

B Sax

Tpts

Hns.

Trbs.

Bass
Tuba

Mallets

Timp.

Piano
Guitar

n.c. B n.c. G n.c. E n.c. C#7

46

47

48

49

50

51

52

53

54

CHORD PITCH DRILL

Page 7

Gb

Flt, Ob, Vln

Clts

Bsns.

Viola

A. Sax

B Sax

Tpts

Hns.

Trbs.

Bass Tuba

Mallets

Timp.

Piano Guitar

n.c. Gb n.c. D n.c. Eb n.c. Ab7 Db

55

56

57

58

59

60

61

62

63

CHORD PITCH DRILL

Page 8

Db

Flt, Ob, Vln

Clts

Bsns.

Viola

A. Sax

B Sax

Tpts

Hns.

Trbs.

Bass Tuba

Mallets

Timp.

Piano Guitar

n.c. Db n.c. A n.c. Gb n.c. Eb7 Ab

64

65

66

67

68

69

70

71

72

CHORD PITCH DRILL

Page 9

Ab

Flt, Ob, Vln

Clts

Bsns.

Viola

A. Sax

B Sax

Tpts

Hns.

Trbs.

Bass Tuba

Mallets

Timp.

Piano Guitar

n.c. Ab n.c. E n.c. Db n.c. Bb7 Eb

73

74

75

76

77

78

79

80

81

CHORD PITCH DRILL

Page 10

E_b

The musical score is arranged in a standard orchestral format. The instruments are listed on the left side of the page: Flt, Ob, Vln; Clts; Bsns.; Viola; A. Sax; B Sax; Tpts; Hns.; Trbs.; Bass Tuba; Mallets; Timp.; and Piano Guitar. The score consists of nine measures, numbered 82 to 90 at the bottom. The key signature is E-flat major, indicated by a box with 'E_b' at the top left. The piano part includes chord symbols: n.c. (no chord) in measures 82, 84, 86, and 88; E_b in measure 83; B in measure 85; A_b in measure 87; F7 in measure 89; and B_b in measure 90. The notation includes various chord voicings for each instrument, with some instruments playing sustained notes or chords across multiple measures.

82 83 84 85 86 87 88 89 90

CHORD PITCH DRILL

Page 11

Bb

The musical score is arranged in a standard orchestral layout. The instruments are listed on the left side of the page, grouped into woodwinds, brass, percussion, and strings. The score consists of nine measures, numbered 91 to 99 at the bottom. Each measure contains a chord for each instrument. The key signature is B-flat major, indicated by the 'Bb' in a box at the top left. The piano part includes chord names: n.c. (no chord) for measures 91, 93, and 95; Bb for measure 92; Gb for measure 94; Eb for measure 96; C7 for measure 97; and F for measure 98. The bass line of the piano part is consistently one octave below the treble line.

91 92 93 94 95 96 97 98 99

CHORD PITCH DRILL

Page 12

F

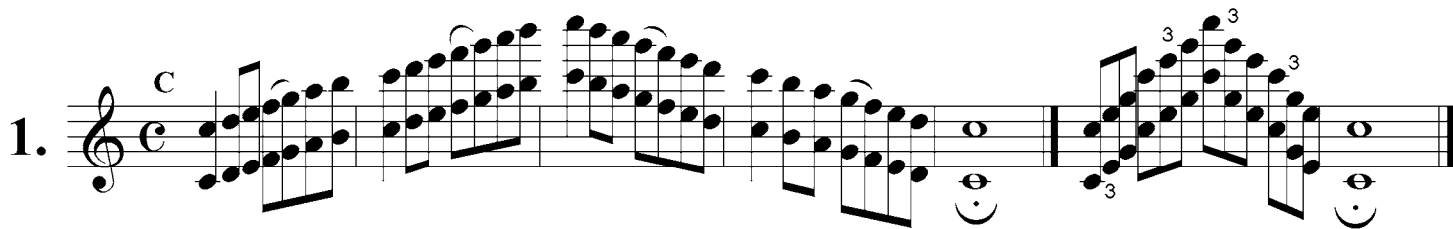
The musical score is arranged in a grand staff format with the following parts from top to bottom:

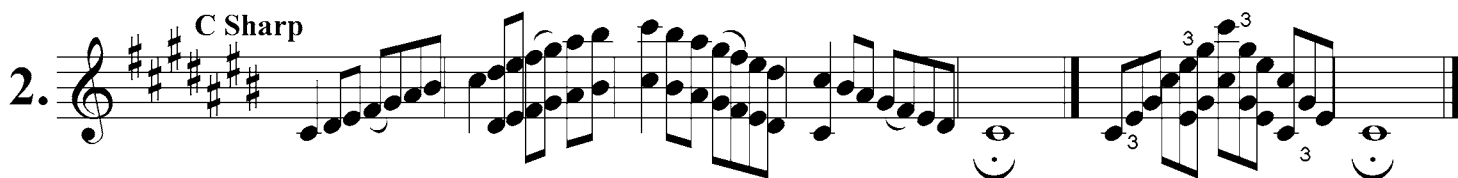
- Flt, Ob., Vln:** Flute, Oboe, and Violin. Treble clef, key signature of one flat.
- Clt:** Clarinet. Treble clef, key signature of one sharp.
- Bsns:** Bassoon. Bass clef, key signature of one flat.
- Viola:** Viola. Bass clef, key signature of one flat.
- A. Sax:** Alto Saxophone. Treble clef, key signature of two sharps.
- B Sax:** Baritone Saxophone. Treble clef, key signature of two sharps.
- Tpts:** Trumpets. Treble clef, key signature of one sharp.
- Hns:** Horns. Treble clef, key signature of one flat.
- Trbs:** Trombones. Bass clef, key signature of one flat.
- Bass Tuba:** Bass and Tuba. Bass clef, key signature of one flat.
- Mallets:** Mallets. Treble clef, key signature of one flat.
- Timp.:** Timpani. Bass clef, key signature of one flat.
- Piano Guitar:** Piano and Guitar. Treble and Bass clefs, key signature of one flat.

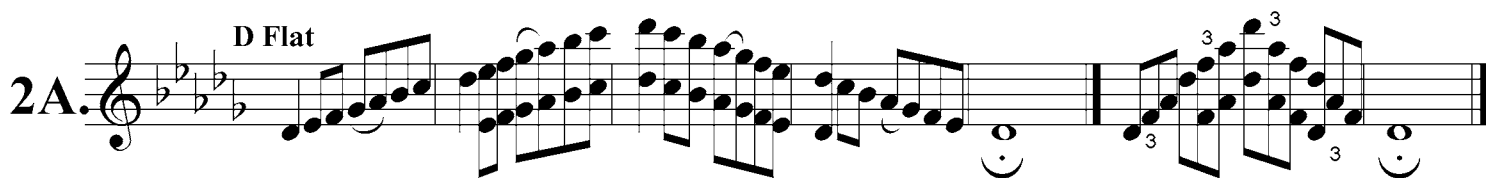
The score consists of 9 measures, numbered 100 to 108 at the bottom. The piano/guitar part includes chord markings: n.c. (no chord) for measures 100, 102, 104, and 106; F for measure 101; D \flat for measure 103; B \flat for measure 105; G7 for measure 107; and C for measure 108.

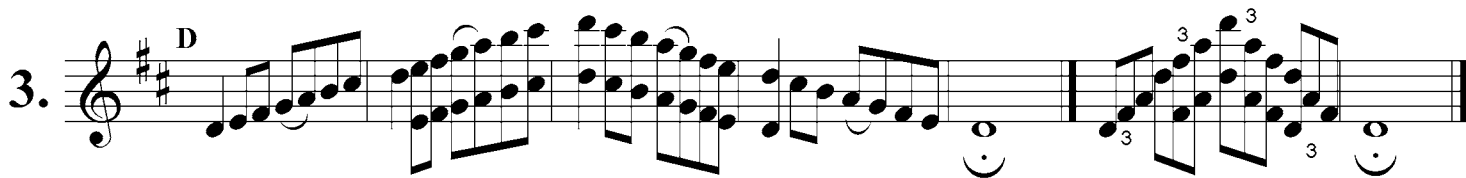
100 101 102 103 104 105 106 107 108

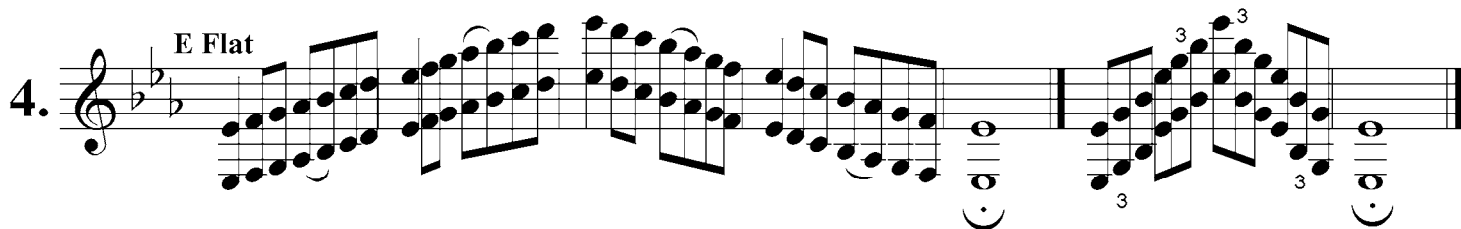
Treble Clef **MAJOR SCALES AND ARPEGGIOS**

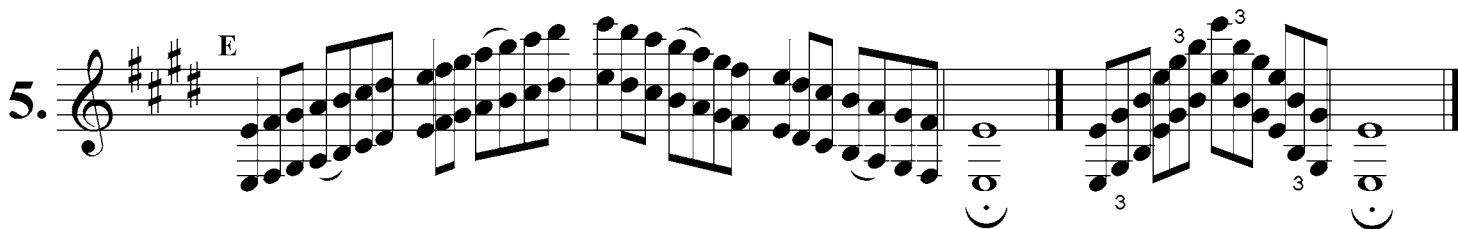
1. 

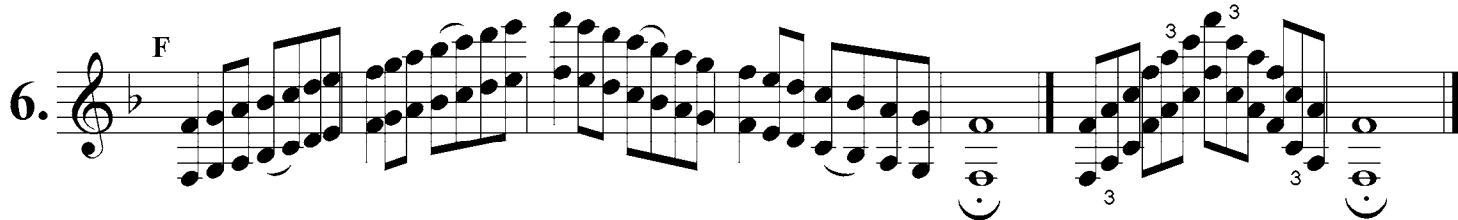
2. 

2A. 

3. 

4. 

5. 

6. 

7. **F Sharp**

Musical notation for F Sharp major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

7A. **G Flat**

Musical notation for G Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

8. **G**

Musical notation for G major scale and arpeggio. The scale is written in treble clef with a key signature of one sharp (F#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

9. **A Flat**

Musical notation for A Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

10. **A**

Musical notation for A major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

11. **B Flat**

Musical notation for B Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

12. **B**

Musical notation for B major scale and arpeggio. The scale is written in treble clef with a key signature of two sharps (F#, C#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

Bass Clef

MAJOR SCALES AND ARPEGGIOS

1. **C**

1. C major scale and arpeggio in bass clef. The scale is written in two lines, ascending and then descending. The arpeggio is written in two lines, ascending and then descending. The key signature has no sharps or flats.

2. **C Sharp**

2. C sharp major scale and arpeggio in bass clef. The scale is written in two lines, ascending and then descending. The arpeggio is written in two lines, ascending and then descending. The key signature has one sharp (F#).

2A. **D Flat**

2A. D flat major scale and arpeggio in bass clef. The scale is written in two lines, ascending and then descending. The arpeggio is written in two lines, ascending and then descending. The key signature has two flats (Bb, Eb).

3. **D**

3. D major scale and arpeggio in bass clef. The scale is written in two lines, ascending and then descending. The arpeggio is written in two lines, ascending and then descending. The key signature has two sharps (F#, C#).

4. **E Flat**

4. E flat major scale and arpeggio in bass clef. The scale is written in two lines, ascending and then descending. The arpeggio is written in two lines, ascending and then descending. The key signature has three flats (Bb, Eb, Ab).

5. **E**

5. E major scale and arpeggio in bass clef. The scale is written in two lines, ascending and then descending. The arpeggio is written in two lines, ascending and then descending. The key signature has three sharps (F#, C#, G#).

6. **F**

6. F major scale and arpeggio in bass clef. The scale is written in two lines, ascending and then descending. The arpeggio is written in two lines, ascending and then descending. The key signature has one flat (Bb).

7. **F Sharp**

This block contains the musical notation for the F Sharp major scale and its arpeggio. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature has three sharps (F#, C#, G#). The notation includes a bass clef, a treble clef, and a common time signature. The arpeggio is marked with a '3' indicating a triplet.

7A. **G Flat**

This block contains the musical notation for the G Flat major scale and its arpeggio. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two flats (Bb, Eb). The notation includes a bass clef, a treble clef, and a common time signature. The arpeggio is marked with a '3' indicating a triplet.

8. **G**

This block contains the musical notation for the G major scale and its arpeggio. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature has one sharp (F#). The notation includes a bass clef, a treble clef, and a common time signature. The arpeggio is marked with a '3' indicating a triplet.

9. **A Flat**

This block contains the musical notation for the A Flat major scale and its arpeggio. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two flats (Bb, Eb). The notation includes a bass clef, a treble clef, and a common time signature. The arpeggio is marked with a '3' indicating a triplet.

10. **A**

This block contains the musical notation for the A major scale and its arpeggio. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two sharps (F#, C#). The notation includes a bass clef, a treble clef, and a common time signature. The arpeggio is marked with a '3' indicating a triplet.

11. **B Flat**

This block contains the musical notation for the B Flat major scale and its arpeggio. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two flats (Bb, Eb). The notation includes a bass clef, a treble clef, and a common time signature. The arpeggio is marked with a '3' indicating a triplet.

12. **B**

This block contains the musical notation for the B major scale and its arpeggio. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two sharps (F#, C#). The notation includes a bass clef, a treble clef, and a common time signature. The arpeggio is marked with a '3' indicating a triplet.

Conductor
Keyboard

RANGE BUILDERS

Play as many measures as possible.

Measures 1-4 of the Range Builders exercise. The music is in 2/4 time with a key signature of two flats (B-flat and E-flat). Measures 1 and 2 feature a simple chordal progression in the right hand (F major triad) and a bass line in the left hand (F major triad). Measures 3 and 4 feature a more complex chordal progression in the right hand (F major triad with chromatic alterations) and a bass line in the left hand (F major triad with chromatic alterations). The exercise is marked with a crescendo hairpin between measures 2 and 3, and a decrescendo hairpin between measures 3 and 4.

Measures 5-8 of the Range Builders exercise. Measures 5 and 6 continue the chordal progression from measures 1-2. Measures 7 and 8 continue the chordal progression from measures 3-4. The exercise is marked with a crescendo hairpin between measures 6 and 7, and a decrescendo hairpin between measures 7 and 8.

Measures 9-12 of the Range Builders exercise. Measures 9 and 10 continue the chordal progression from measures 1-2. Measures 11 and 12 continue the chordal progression from measures 3-4. The exercise is marked with a crescendo hairpin between measures 10 and 11, and a decrescendo hairpin between measures 11 and 12.

Conductor
Keyboard

RANGE BUILDERS - page 2

Musical notation for measures 13-16. The score is written for piano in G major (one sharp). Measures 13 and 14 feature a sequence of chords: G4-A4-B4, G4-A4-B4-C#4, G4-A4-B4-C#4-D4, and G4-A4-B4-C#4-D4-E4. Measures 15 and 16 feature a sequence of chords: G4-A4-B4, G4-A4-B4-C4, G4-A4-B4-C4-D4, and G4-A4-B4-C4-D4-E4. Each measure contains a treble and bass clef staff with a grand staff brace. The notes are beamed in pairs. Measure numbers 13, 14, 15, and 16 are printed below the staves.

Musical notation for measures 17-20. The score is written for piano in F major (one flat). Measures 17 and 18 feature a sequence of chords: F4-G4-A4, F4-G4-A4-Bb4, F4-G4-A4-Bb4-C4, and F4-G4-A4-Bb4-C4. Measures 19 and 20 feature a sequence of chords: F4-G4-A4, F4-G4-A4-B4, F4-G4-A4-B4-C4, and F4-G4-A4-B4-C4. Each measure contains a treble and bass clef staff with a grand staff brace. The notes are beamed in pairs. Measure numbers 17, 18, 19, and 20 are printed below the staves.

Musical notation for measures 21-24. The score is written for piano in D major (two sharps). Measures 21 and 22 feature a sequence of chords: D4-E4-F#4, D4-E4-F#4-G#4, D4-E4-F#4-G#4-A4, and D4-E4-F#4-G#4-A4-B4. Measures 23 and 24 feature a sequence of chords: D4-E4-F#4, D4-E4-F#4-G#4, D4-E4-F#4-G#4-A4, and D4-E4-F#4-G#4-A4-B4. Each measure contains a treble and bass clef staff with a grand staff brace. The notes are beamed in pairs. Measure numbers 21, 22, 23, and 24 are printed below the staves.

FLUTE/OBOE/VIOLIN

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

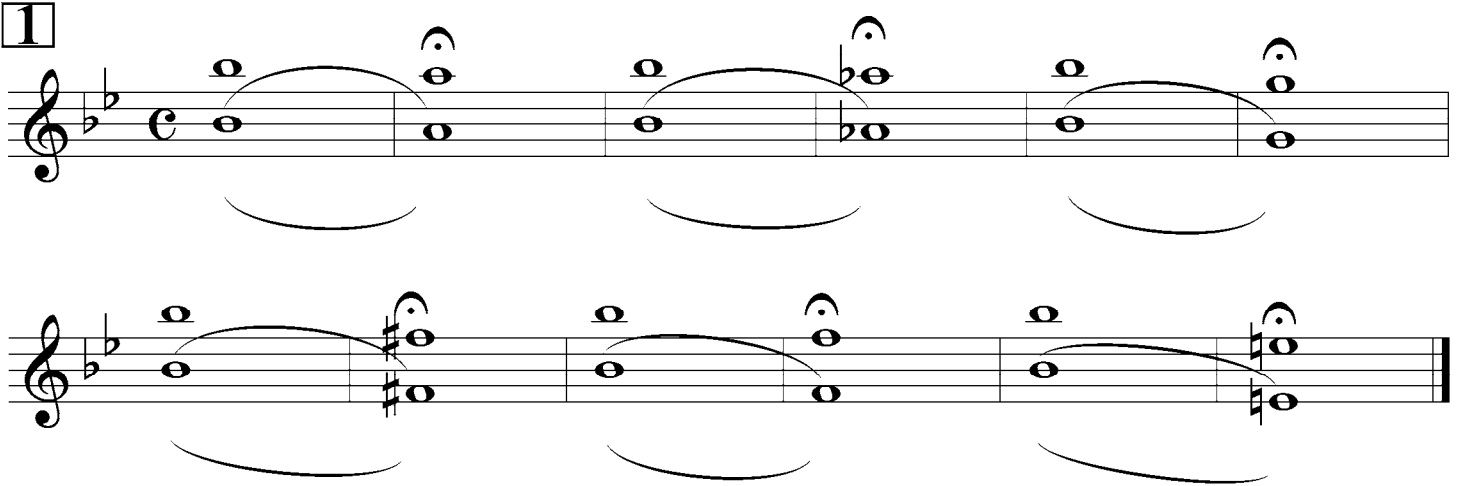
**Compiled by
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Jeff Cranfill Music

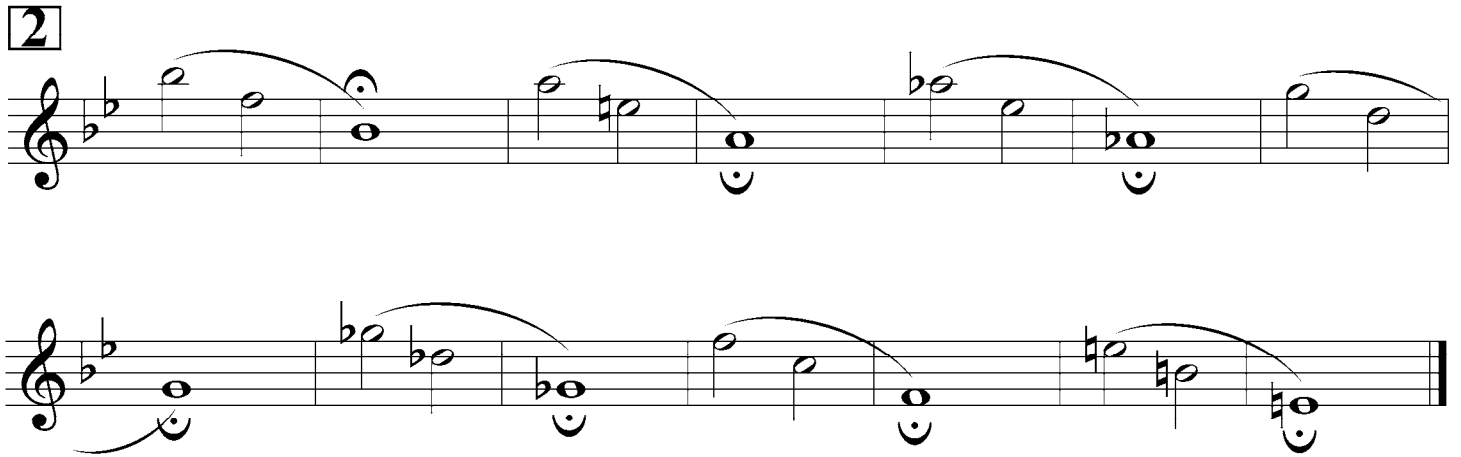
C Treble Clef

TONE BUILDERS

1



2



3



C Treble Clef

INTERVALS

An interval is the space between two notes

1 unison minor second major second minor third

major third perfect fourth augmented fourth perfect fifth

augmented fifth major sixth minor seventh major seventh octave

MAJOR SCALE INTERVALS

2 unison major second major third perfect fourth

perfect fifth major sixth major seventh octave

MAJOR SCALE DEGREES

3

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4 Major Minor Seventh Diminished Augmented

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

CHORD PITCH DRILL

each pitch functions as 1,3,5 and 7 in a chord.

C

Musical staff for C major chord drill, measures 1-9. The staff is in treble clef with a common time signature. It contains nine measures of music, each with a chord. The chords are: 1. C4, G4 (quarter notes); 2. C4, E4, G4 (quarter notes); 3. C4, G4, Bb4 (quarter notes); 4. C4, Eb4, G4 (quarter notes); 5. C4, G4, Bb4 (quarter notes); 6. C4, E4, G4 (quarter notes); 7. C4, G4, Bb4 (quarter notes); 8. C4, E4, G4, Bb4 (quarter notes); 9. C4, E4, G4, Bb4 (quarter notes).

G

Musical staff for G major chord drill, measures 10-18. The staff is in treble clef with a key signature of one sharp (F#). It contains nine measures of music, each with a chord. The chords are: 10. G4, B4 (quarter notes); 11. G4, B4, D5 (quarter notes); 12. G4, B4, D5 (quarter notes); 13. G4, Bb4, D5 (quarter notes); 14. G4, B4, D5 (quarter notes); 15. G4, B4, D5 (quarter notes); 16. G4, B4, D5 (quarter notes); 17. G4, B4, D5, F#5 (quarter notes); 18. G4, B4, D5, F#5 (quarter notes).

D

Musical staff for D major chord drill, measures 19-27. The staff is in treble clef with a key signature of two sharps (F#, C#). It contains nine measures of music, each with a chord. The chords are: 19. D4, F#4 (quarter notes); 20. D4, F#4, A4 (quarter notes); 21. D4, F#4, A4 (quarter notes); 22. D4, F#4, A4, C#5 (quarter notes); 23. D4, F#4, A4 (quarter notes); 24. D4, F#4, A4 (quarter notes); 25. D4, F#4, A4 (quarter notes); 26. D4, F#4, A4, C#5 (quarter notes); 27. D4, F#4, A4, C#5 (quarter notes).

A

Musical staff for A major chord drill, measures 28-36. The staff is in treble clef with a key signature of three sharps (F#, C#, G#). It contains nine measures of music, each with a chord. The chords are: 28. A4, C#4 (quarter notes); 29. A4, C#4, E4 (quarter notes); 30. A4, C#4, E4 (quarter notes); 31. A4, C#4, E4, G#4 (quarter notes); 32. A4, C#4, E4 (quarter notes); 33. A4, C#4, E4 (quarter notes); 34. A4, C#4, E4 (quarter notes); 35. A4, C#4, E4, G#4 (quarter notes); 36. A4, C#4, E4, G#4 (quarter notes).

E

Musical staff for E major chord drill, measures 37-45. The staff is in treble clef with a key signature of four sharps (F#, C#, G#, D#). It contains nine measures of music, each with a chord. The chords are: 37. E4, G#4 (quarter notes); 38. E4, G#4, B4 (quarter notes); 39. E4, G#4, B4 (quarter notes); 40. E4, G#4, B4, D#4 (quarter notes); 41. E4, G#4, B4 (quarter notes); 42. E4, G#4, B4 (quarter notes); 43. E4, G#4, B4 (quarter notes); 44. E4, G#4, B4, D#4 (quarter notes); 45. E4, G#4, B4, D#4 (quarter notes).

B

Musical staff for B major chord drill, measures 46-54. The staff is in treble clef with a key signature of five sharps (F#, C#, G#, D#, A#). It contains nine measures of music, each with a chord. The chords are: 46. B4, D#4 (quarter notes); 47. B4, D#4, F#4 (quarter notes); 48. B4, D#4, F#4 (quarter notes); 49. B4, D#4, F#4, A#4 (quarter notes); 50. B4, D#4, F#4 (quarter notes); 51. B4, D#4, F#4 (quarter notes); 52. B4, D#4, F#4 (quarter notes); 53. B4, D#4, F#4, A#4 (quarter notes); 54. B4, D#4, F#4, A#4 (quarter notes).

CHORD PITCH DRILL

Gb

Musical staff for Gb chord drill, measures 55-63. The staff shows a sequence of chords in Gb major: Gb2 (55), Gb3 (56), Gb4 (57), Gb5 (58), Gb6 (59), Gb7 (60), Gb8 (61), Gb9 (62), and Gb10 (63).

Db

Musical staff for Db chord drill, measures 64-72. The staff shows a sequence of chords in Db major: Db2 (64), Db3 (65), Db4 (66), Db5 (67), Db6 (68), Db7 (69), Db8 (70), Db9 (71), and Db10 (72).

Ab

Musical staff for Ab chord drill, measures 73-81. The staff shows a sequence of chords in Ab major: Ab2 (73), Ab3 (74), Ab4 (75), Ab5 (76), Ab6 (77), Ab7 (78), Ab8 (79), Ab9 (80), and Ab10 (81).

Eb

Musical staff for Eb chord drill, measures 82-90. The staff shows a sequence of chords in Eb major: Eb2 (82), Eb3 (83), Eb4 (84), Eb5 (85), Eb6 (86), Eb7 (87), Eb8 (88), Eb9 (89), and Eb10 (90).

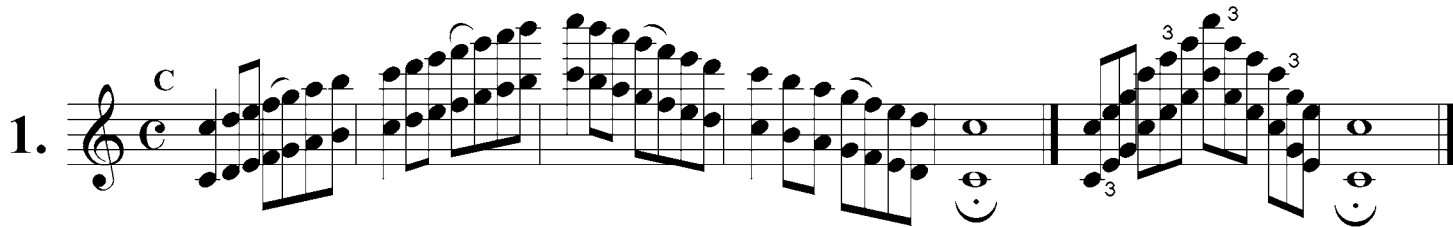
Bb

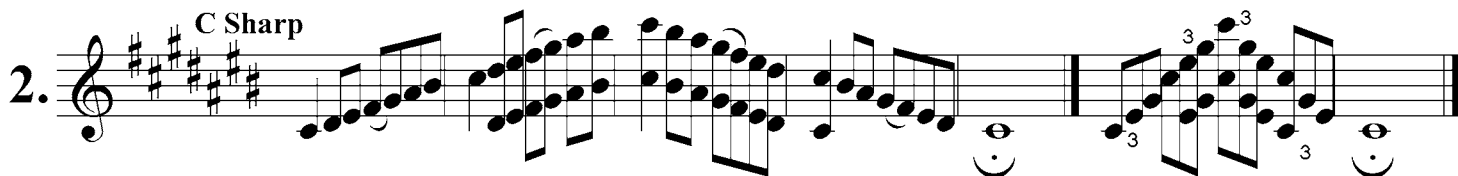
Musical staff for Bb chord drill, measures 91-99. The staff shows a sequence of chords in Bb major: Bb2 (91), Bb3 (92), Bb4 (93), Bb5 (94), Bb6 (95), Bb7 (96), Bb8 (97), Bb9 (98), and Bb10 (99).

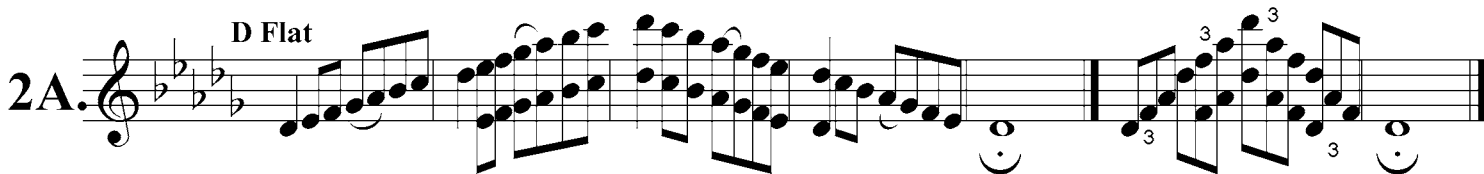
F

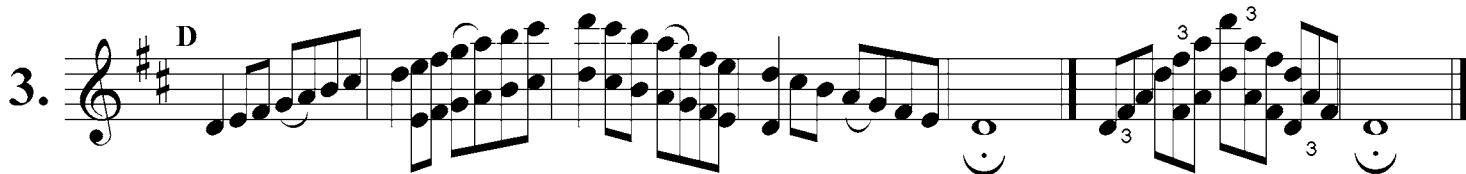
Musical staff for F chord drill, measures 100-108. The staff shows a sequence of chords in F major: F2 (100), F3 (101), F4 (102), F5 (103), F6 (104), F7 (105), F8 (106), F9 (107), and F10 (108).

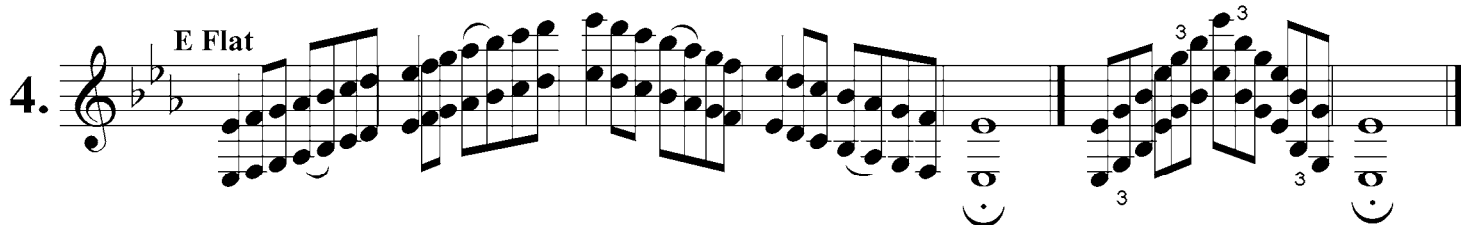
Treble Clef **MAJOR SCALES AND ARPEGGIOS**

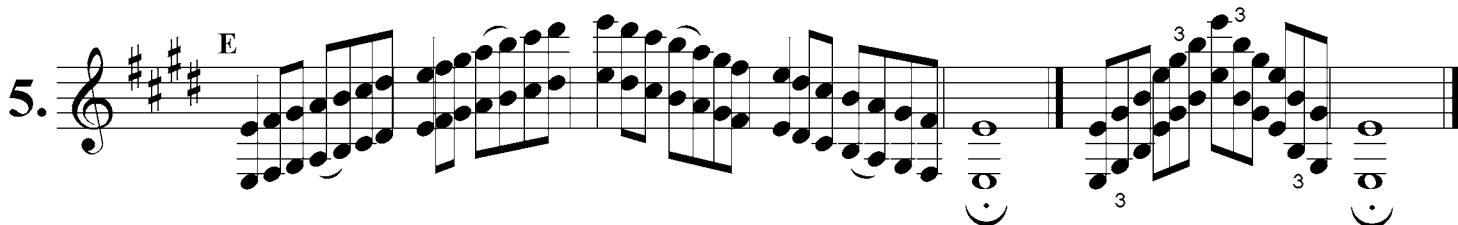
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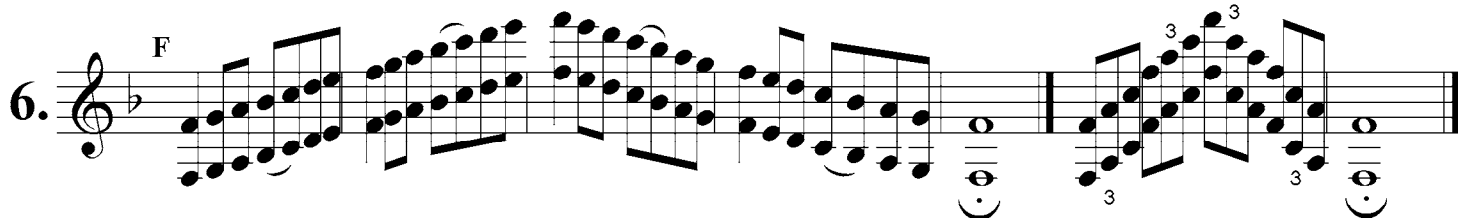
2. 

2A. 

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7. **F Sharp**

Musical notation for the F Sharp major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

7A. **G Flat**

Musical notation for the G Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

8. **G**

Musical notation for the G major scale and arpeggio. The scale is written in treble clef with a key signature of one sharp (F#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

9. **A Flat**

Musical notation for the A Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

10. **A**

Musical notation for the A major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

11. **B Flat**

Musical notation for the B Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

12. **B**

Musical notation for the B major scale and arpeggio. The scale is written in treble clef with a key signature of two sharps (F#, C#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

C Treble Clef

RANGE BUILDERS

Play as many measures as possible.

The musical score consists of 24 measures, numbered 1 through 24, arranged in six rows of four measures each. Each measure contains a pair of half notes, one above the other, connected by a slur. The notes are arranged in a sequence that ascends and then descends across the measures. The key signature is one flat (Bb), and the time signature is 2/4. The notes in each measure are as follows:

- Measure 1: G4, A4
- Measure 2: A4, B4
- Measure 3: B4, C5
- Measure 4: C5, B4
- Measure 5: B4, A4
- Measure 6: A4, G4
- Measure 7: G4, F4
- Measure 8: F4, E4
- Measure 9: E4, D4
- Measure 10: D4, C4
- Measure 11: C4, B3
- Measure 12: B3, A3
- Measure 13: A3, G3
- Measure 14: G3, F3
- Measure 15: F3, E3
- Measure 16: E3, D3
- Measure 17: D3, C3
- Measure 18: C3, B2
- Measure 19: B2, A2
- Measure 20: A2, G2
- Measure 21: G2, F2
- Measure 22: F2, E2
- Measure 23: E2, D2
- Measure 24: D2, C2

Each measure is followed by a trapezoidal shape that tapers from left to right, indicating a dynamic or articulation instruction.

CLARINETS

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

Bb Treble Clef

TONE BUILDERS

1

Exercise 1, first system: Treble clef, common time. The first staff contains three measures of music. Each measure features a half note on the treble staff and a whole note on the bass staff, both notes beamed together. The notes are: G4 (treble), G3 (bass); A4 (treble), A3 (bass); Bb4 (treble), Bb3 (bass).

2

Exercise 2, first system: Treble clef, common time. The first staff contains four measures of music. Each measure features a half note on the treble staff and a whole note on the bass staff, both notes beamed together. The notes are: G4 (treble), G3 (bass); A4 (treble), A#3 (bass); Bb4 (treble), Bb3 (bass); C5 (treble), C4 (bass).

3

Exercise 3, first system: Treble clef, common time. The first staff contains four measures of music. Each measure features a half note on the treble staff and a whole note on the bass staff, both notes beamed together. The notes are: G4 (treble), G3 (bass); A4 (treble), A#3 (bass); Bb4 (treble), Bb3 (bass); C5 (treble), C4 (bass).

Bb Treble Clef

INTERVALS

An interval is the space between two notes

1 unison minor second major second minor third

1 2 3 4

major third perfect fourth augmented fourth perfect fifth

5 6 7 8

augmented fifth major sixth minor seventh major seventh octave

9 10 11 12 13

MAJOR SCALE INTERVALS

2 unison major second major third perfect fourth

14 15 16 17

perfect fifth major sixth major seventh octave

18 19 20 21

MAJOR SCALE DEGREES

3

22 23 24 25 26 27 28 29

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4 Major Minor Seventh Diminished Augmented

30 31 32 33 34

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

CHORD PITCH DRILL

Page 1

each pitch functions as 1,3,5 and 7 in a chord.

C

Musical staff for C major chord drill. The staff is in treble clef with a key signature of one sharp (F#) and a common time signature (C). It contains nine measures. Measure 1 has a whole note C. Measure 2 has a whole note chord of C-E-G. Measure 3 has a whole note E. Measure 4 has a whole note chord of C-E-G with a flat sign over the G. Measure 5 has a whole note G. Measure 6 has a whole note chord of C-E-G. Measure 7 has a whole note C. Measure 8 has a whole note chord of C-E-G. Measure 9 has a whole note G.

G

Musical staff for G major chord drill. The staff is in treble clef with a key signature of two sharps (F# and C#) and a common time signature (C). It contains eight measures. Measure 10 has a whole note G. Measure 11 has a whole note chord of G-B-D. Measure 12 has a whole note B. Measure 13 has a whole note chord of G-B-D with a flat sign over the D. Measure 14 has a whole note D. Measure 15 has a whole note chord of G-B-D. Measure 16 has a whole note G. Measure 17 has a whole note chord of G-B-D. Measure 18 has a whole note D.

D

Musical staff for D major chord drill. The staff is in treble clef with a key signature of two sharps (F# and C#) and a common time signature (C). It contains eight measures. Measure 19 has a whole note D. Measure 20 has a whole note chord of D-F#-A. Measure 21 has a whole note F#. Measure 22 has a whole note chord of D-F#-A with a flat sign over the A. Measure 23 has a whole note A. Measure 24 has a whole note chord of D-F#-A. Measure 25 has a whole note D. Measure 26 has a whole note chord of D-F#-A. Measure 27 has a whole note A.

A

Musical staff for A major chord drill. The staff is in treble clef with a key signature of three sharps (F#, C#, and G#) and a common time signature (C). It contains seven measures. Measure 28 has a whole note A. Measure 29 has a whole note chord of A-C#-E. Measure 30 has a whole note C#. Measure 31 has a whole note chord of A-C#-E with a flat sign over the E. Measure 32 has a whole note E. Measure 33 has a whole note chord of A-C#-E. Measure 34 has a whole note A. Measure 35 has a whole note chord of A-C#-E. Measure 36 has a whole note E.

E

Musical staff for E major chord drill. The staff is in treble clef with a key signature of four sharps (F#, C#, G#, and D#) and a common time signature (C). It contains seven measures. Measure 37 has a whole note E. Measure 38 has a whole note chord of E-G#-B. Measure 39 has a whole note G#. Measure 40 has a whole note chord of E-G#-B with a flat sign over the B. Measure 41 has a whole note B. Measure 42 has a whole note chord of E-G#-B. Measure 43 has a whole note E. Measure 44 has a whole note chord of E-G#-B. Measure 45 has a whole note B.

B

Musical staff for B major chord drill. The staff is in treble clef with a key signature of five sharps (F#, C#, G#, D#, and A#) and a common time signature (C). It contains seven measures. Measure 46 has a whole note B. Measure 47 has a whole note chord of B-D#-F#. Measure 48 has a whole note D#. Measure 49 has a whole note chord of B-D#-F# with a flat sign over the F#. Measure 50 has a whole note F#. Measure 51 has a whole note chord of B-D#-F#. Measure 52 has a whole note B. Measure 53 has a whole note chord of B-D#-F#. Measure 54 has a whole note F#.

CHORD PITCH DRILL

G \flat

Musical staff for G \flat chord drill, measures 55-63. The staff shows a sequence of notes and chords in G \flat major. Measure 55: G \flat (quarter note). Measure 56: G \flat major triad (quarter note). Measure 57: G \flat (quarter note). Measure 58: G \flat major triad (quarter note). Measure 59: G \flat (quarter note). Measure 60: G \flat major triad (quarter note). Measure 61: G \flat (quarter note). Measure 62: G \flat major triad (quarter note). Measure 63: G \flat major triad (quarter note).

D \flat

Musical staff for D \flat chord drill, measures 64-72. The staff shows a sequence of notes and chords in D \flat major. Measure 64: D \flat (quarter note). Measure 65: D \flat major triad (quarter note). Measure 66: D \flat (quarter note). Measure 67: D \flat major triad (quarter note). Measure 68: D \flat (quarter note). Measure 69: D \flat major triad (quarter note). Measure 70: D \flat (quarter note). Measure 71: D \flat major triad (quarter note). Measure 72: D \flat major triad (quarter note).

A \flat

Musical staff for A \flat chord drill, measures 73-81. The staff shows a sequence of notes and chords in A \flat major. Measure 73: A \flat (quarter note). Measure 74: A \flat major triad (quarter note). Measure 75: A \flat (quarter note). Measure 76: A \flat major triad (quarter note). Measure 77: A \flat (quarter note). Measure 78: A \flat major triad (quarter note). Measure 79: A \flat (quarter note). Measure 80: A \flat major triad (quarter note). Measure 81: A \flat major triad (quarter note).

E \flat

Musical staff for E \flat chord drill, measures 82-90. The staff shows a sequence of notes and chords in E \flat major. Measure 82: E \flat (quarter note). Measure 83: E \flat major triad (quarter note). Measure 84: E \flat (quarter note). Measure 85: E \flat major triad (quarter note). Measure 86: E \flat (quarter note). Measure 87: E \flat major triad (quarter note). Measure 88: E \flat (quarter note). Measure 89: E \flat major triad (quarter note). Measure 90: E \flat major triad (quarter note).

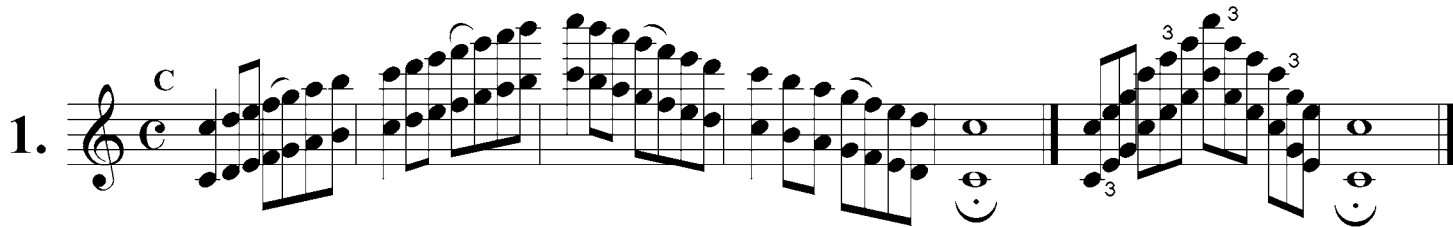
B \flat

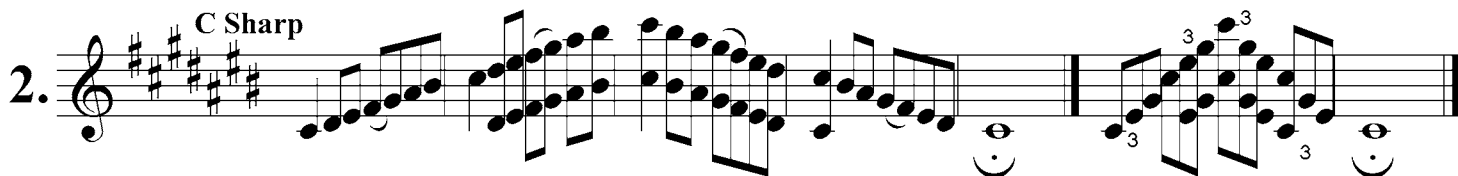
Musical staff for B \flat chord drill, measures 91-99. The staff shows a sequence of notes and chords in B \flat major. Measure 91: B \flat (quarter note). Measure 92: B \flat major triad (quarter note). Measure 93: B \flat (quarter note). Measure 94: B \flat major triad (quarter note). Measure 95: B \flat (quarter note). Measure 96: B \flat major triad (quarter note). Measure 97: B \flat (quarter note). Measure 98: B \flat major triad (quarter note). Measure 99: B \flat major triad (quarter note).

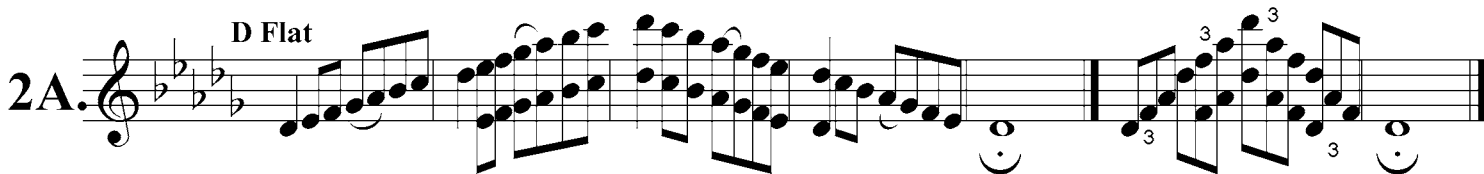
F

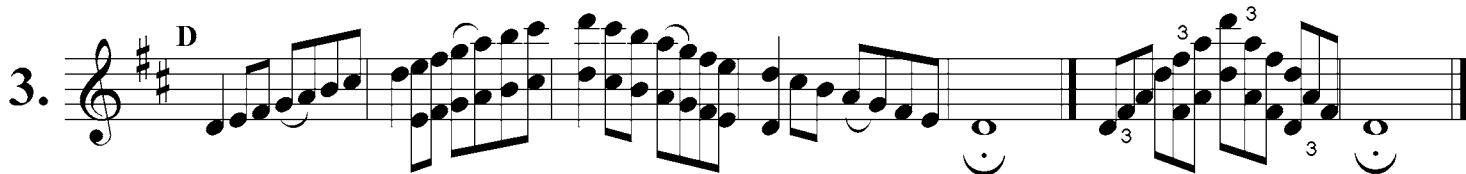
Musical staff for F chord drill, measures 100-108. The staff shows a sequence of notes and chords in F major. Measure 100: F (quarter note). Measure 101: F major triad (quarter note). Measure 102: F (quarter note). Measure 103: F major triad (quarter note). Measure 104: F (quarter note). Measure 105: F major triad (quarter note). Measure 106: F (quarter note). Measure 107: F major triad (quarter note). Measure 108: F major triad (quarter note).

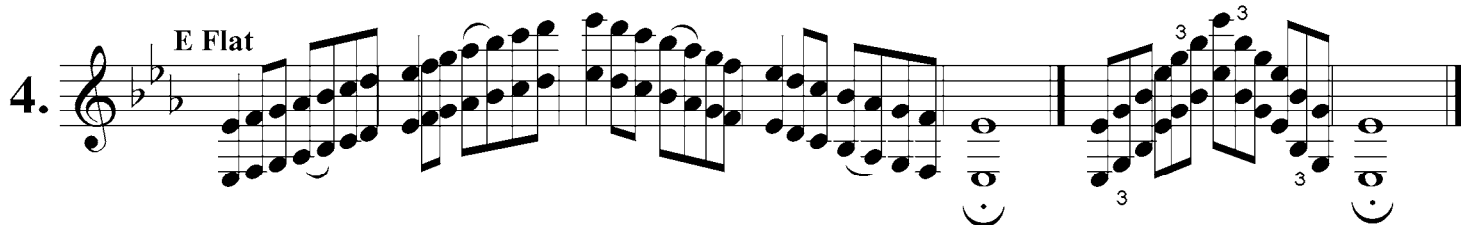
Treble Clef **MAJOR SCALES AND ARPEGGIOS**

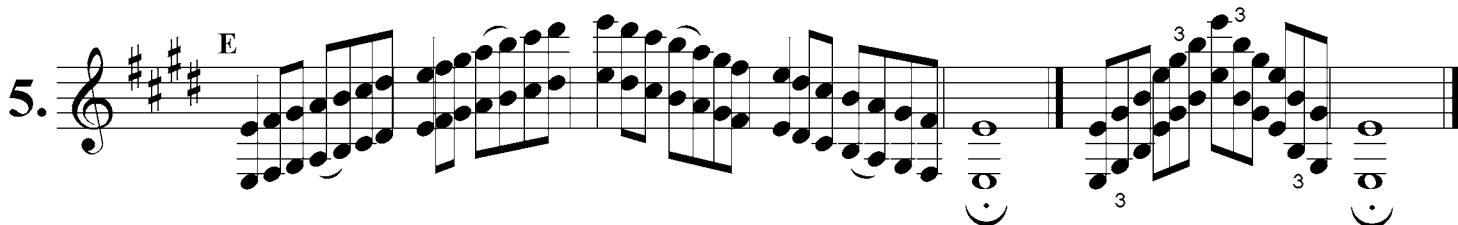
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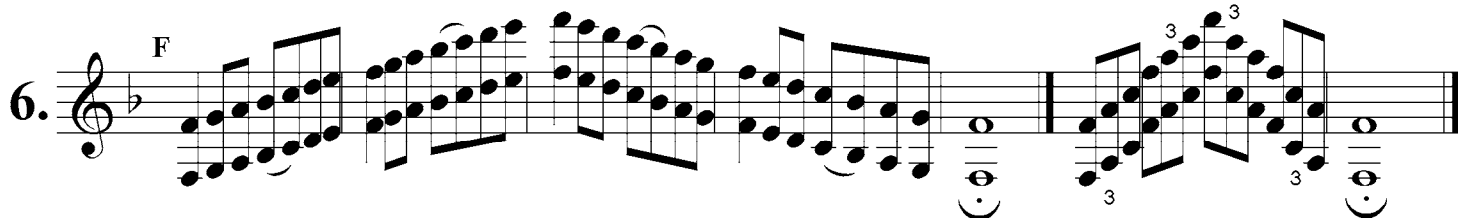
2. 

2A. 

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5. 

6. 

7. **F Sharp**

Musical notation for F Sharp major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is played in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is a triad of F#, C#, and G#.

7A. **G Flat**

Musical notation for G Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is played in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is a triad of Gb, Cb, and Eb.

8. **G**

Musical notation for G major scale and arpeggio. The scale is written in treble clef with a key signature of one sharp (F#). The scale is played in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is a triad of G, B, and D.

9. **A Flat**

Musical notation for A Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is played in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is a triad of Ab, Cb, and Eb.

10. **A**

Musical notation for A major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is played in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is a triad of A, C#, and E.

11. **B Flat**

Musical notation for B Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is played in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is a triad of Bb, D, and F.

12. **B**

Musical notation for B major scale and arpeggio. The scale is written in treble clef with a key signature of two sharps (F#, C#). The scale is played in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is a triad of B, D#, and F#.

Bb Treble Clef

RANGE BUILDERS

Play as many measures as possible.

The image displays a musical score for a range-building exercise in Bb Treble Clef, consisting of 24 measures. The score is organized into six rows, each containing two measures. Each measure is marked with a measure number (1 through 24) and features a treble clef, a common time signature (C), and a whole note chord. The notes in each measure are as follows:

- Measure 1: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 2: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 3: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 4: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 5: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 6: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 7: Bb3, Cb4, Db4, Eb4, Fb4, Gb4, Ab4, Bb4
- Measure 8: Bb3, Cb4, Db4, Eb4, Fb4, Gb4, Ab4, Bb4
- Measure 9: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 10: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 11: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 12: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 13: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 14: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 15: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 16: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 17: Bb3, Cb4, Db4, Eb4, Fb4, Gb4, Ab4, Bb4
- Measure 18: Bb3, Cb4, Db4, Eb4, Fb4, Gb4, Ab4, Bb4
- Measure 19: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 20: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 21: Bb3, Cb4, Db4, Eb4, Fb4, Gb4, Ab4, Bb4
- Measure 22: Bb3, Cb4, Db4, Eb4, Fb4, Gb4, Ab4, Bb4
- Measure 23: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 24: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5

Each measure is connected to the next by a slur, and there are dynamic markings (trapezoidal shapes) below the notes in each measure.

E_♭ ALTO SAXOPHONE

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

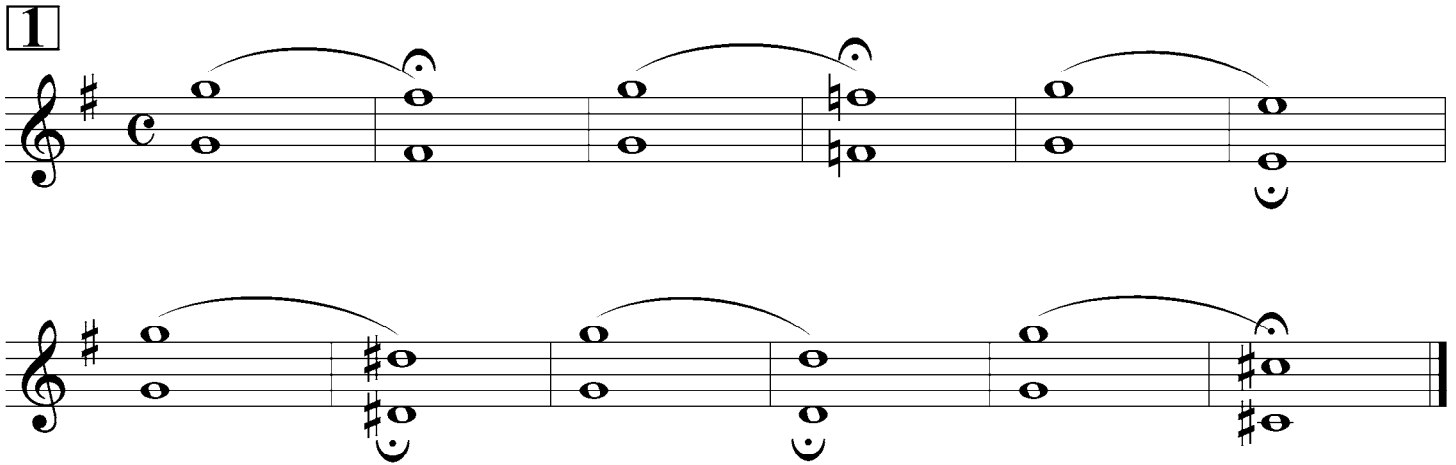
**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

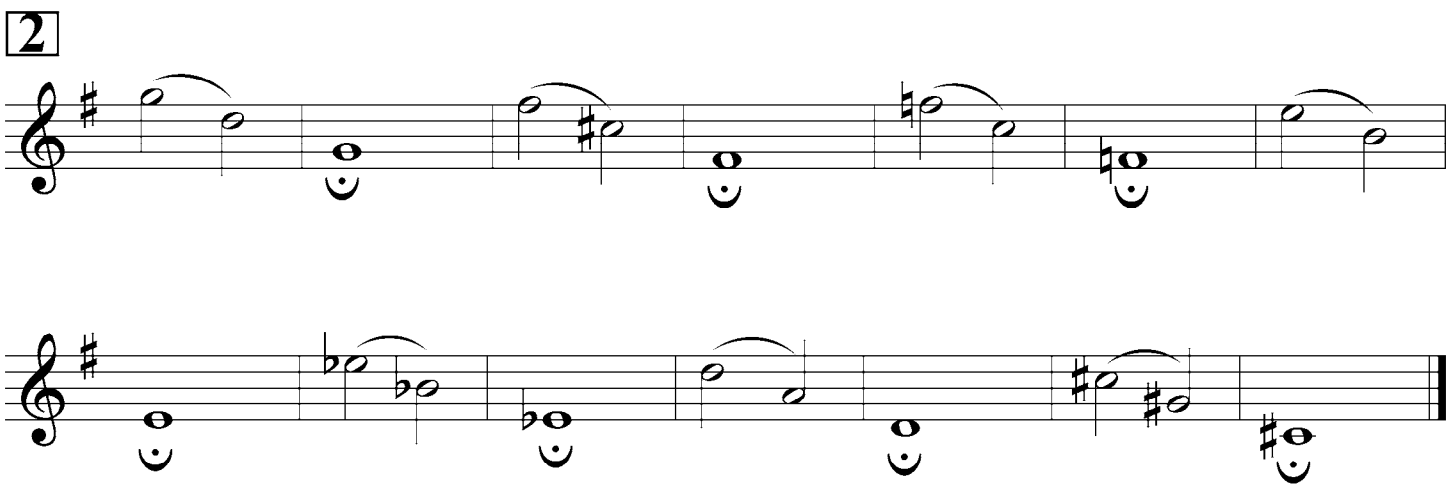
Eb Treble Clef

TONE BUILDERS

1



2



3



Eb Treble Clef

INTERVALS

An interval is the space between two notes

1

unison minor second major second minor third

major third perfect fourth augmented fourth perfect fifth

augmented fifth major sixth minor seventh major seventh octave

1 2 3 4 5 6 7 8 9 10 11 12 13

MAJOR SCALE INTERVALS

2

unison major second major third perfect fourth

perfect fifth major sixth major seventh octave

14 15 16 17 18 19 20 21

MAJOR SCALE DEGREES

3

22 23 24 25 26 27 28 29

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4

Major Minor Seventh Diminished Augmented

30 31 32 33 34

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

CHORD PITCH DRILL

Page 1

each pitch functions as 1,3,5 and 7 in a chord.

C

Musical staff for C major chord drill. The key signature has three sharps (F#, C#, G#). The staff contains nine measures, each with a whole note. Measure 1: C4. Measure 2: C4-E4-G4. Measure 3: E4. Measure 4: C4-E4-G4-F#4. Measure 5: G4. Measure 6: C4-E4-G4. Measure 7: G4. Measure 8: C4-E4-G4-A4. Measure 9: C4-E4-G4.

G

Musical staff for G major chord drill. The key signature has three sharps (F#, C#, G#). The staff contains nine measures, each with a whole note. Measure 10: G4. Measure 11: G4-B4-D5. Measure 12: B4. Measure 13: G4-B4-D5-F#5. Measure 14: D5. Measure 15: G4-B4-D5. Measure 16: D5. Measure 17: G4-B4-D5-E5. Measure 18: G4-B4-D5.

D

Musical staff for D major chord drill. The key signature has three sharps (F#, C#, G#). The staff contains nine measures, each with a whole note. Measure 19: D4. Measure 20: D4-F#4-A4. Measure 21: F#4. Measure 22: D4-F#4-A4-B4. Measure 23: A4. Measure 24: D4-F#4-A4. Measure 25: A4. Measure 26: D4-F#4-A4-B4. Measure 27: D4-F#4-A4.

A

Musical staff for A major chord drill. The key signature has three sharps (F#, C#, G#). The staff contains nine measures, each with a whole note. Measure 28: A3. Measure 29: A3-C#4-E4. Measure 30: C#4. Measure 31: A3-C#4-E4-F#4. Measure 32: E4. Measure 33: A3-C#4-E4. Measure 34: E4. Measure 35: A3-C#4-E4-F#4. Measure 36: A3-C#4-E4.

E

Musical staff for E major chord drill. The key signature has two sharps (F#, C#). The staff contains nine measures, each with a whole note. Measure 37: E3. Measure 38: E3-G#3-B3. Measure 39: G#3. Measure 40: E3-G#3-B3-F#4. Measure 41: B3. Measure 42: E3-G#3-B3. Measure 43: B3. Measure 44: E3-G#3-B3-A3. Measure 45: E3-G#3-B3.

B

Musical staff for B major chord drill. The key signature has two sharps (F#, C#). The staff contains nine measures, each with a whole note. Measure 46: B2. Measure 47: B2-D#3-F#3. Measure 48: D#3. Measure 49: B2-D#3-F#3-G#3. Measure 50: F#3. Measure 51: B2-D#3-F#3. Measure 52: F#3. Measure 53: B2-D#3-F#3-A3. Measure 54: B2-D#3-F#3.

CHORD PITCH DRILL

G♭

Musical staff for G♭ chord drill, measures 55-63. The staff is in treble clef with a key signature of two flats (B♭ and E♭). The notes are: 55 (G♭), 56 (G♭, B♭), 57 (G♭), 58 (G♭, B♭), 59 (G♭), 60 (G♭, B♭), 61 (G♭), 62 (G♭, B♭), 63 (G♭).

D♭

Musical staff for D♭ chord drill, measures 64-72. The staff is in treble clef with a key signature of two flats (B♭ and E♭). The notes are: 64 (D♭), 65 (D♭, F), 66 (D♭), 67 (D♭, F), 68 (D♭), 69 (D♭, F), 70 (D♭), 71 (D♭, F), 72 (D♭).

A♭

Musical staff for A♭ chord drill, measures 73-81. The staff is in treble clef with a key signature of two flats (B♭ and E♭). The notes are: 73 (A♭), 74 (A♭, C), 75 (A♭), 76 (A♭, C), 77 (A♭), 78 (A♭, C), 79 (A♭), 80 (A♭, C), 81 (A♭).

E♭

Musical staff for E♭ chord drill, measures 82-90. The staff is in treble clef with a key signature of one flat (B♭). The notes are: 82 (E♭), 83 (E♭, G), 84 (E♭), 85 (E♭, G), 86 (E♭), 87 (E♭, G), 88 (E♭), 89 (E♭, G), 90 (E♭).

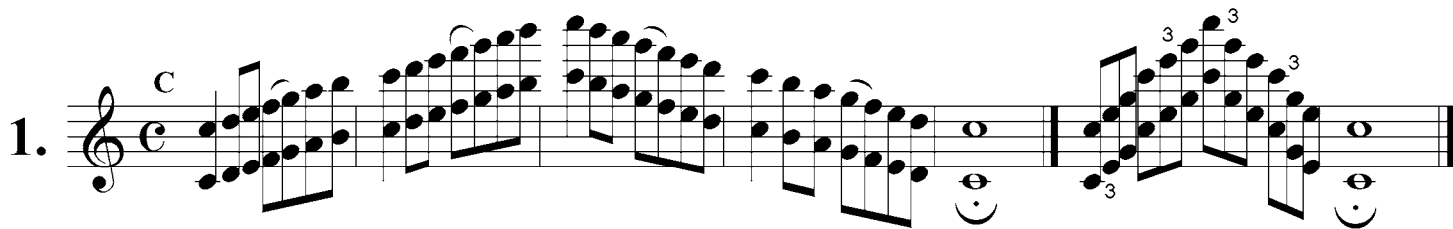
B♭

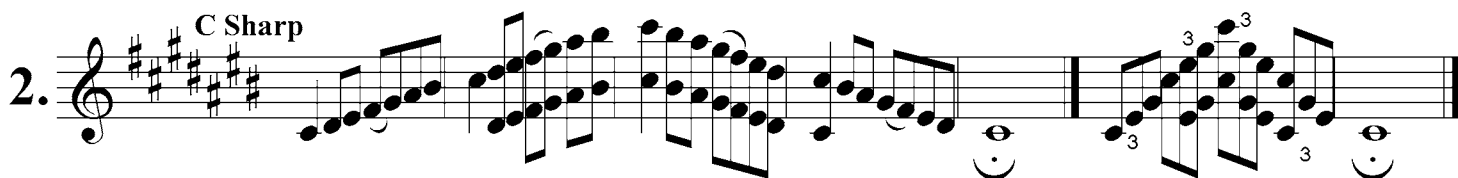
Musical staff for B♭ chord drill, measures 91-99. The staff is in treble clef with a key signature of two sharps (F♯ and C♯). The notes are: 91 (B♭), 92 (B♭, D), 93 (B♭), 94 (B♭, D), 95 (B♭), 96 (B♭, D), 97 (B♭), 98 (B♭, D), 99 (B♭).

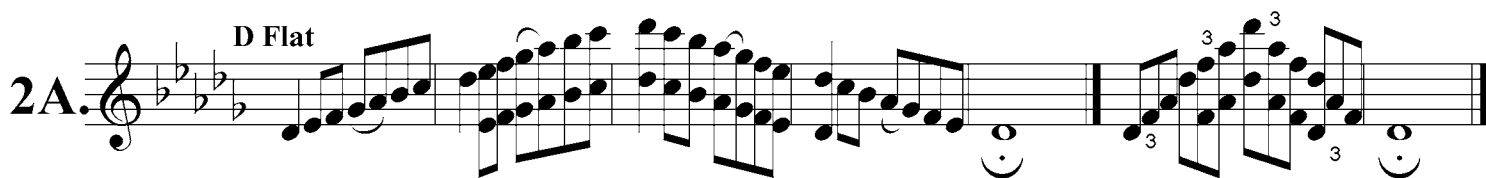
F

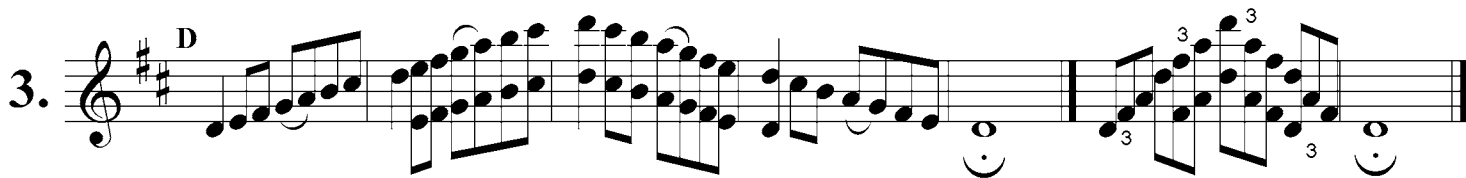
Musical staff for F chord drill, measures 100-108. The staff is in treble clef with a key signature of two sharps (F♯ and C♯). The notes are: 100 (F), 101 (F, A), 102 (F), 103 (F, A), 104 (F), 105 (F, A), 106 (F), 107 (F, A), 108 (F).

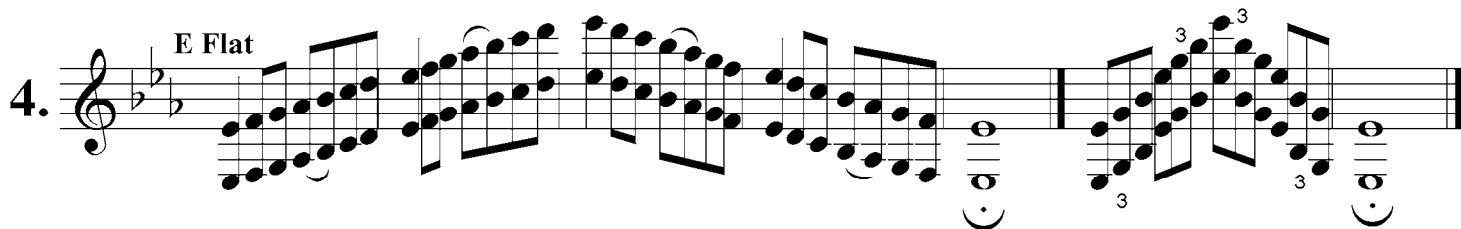
Treble Clef **MAJOR SCALES AND ARPEGGIOS**

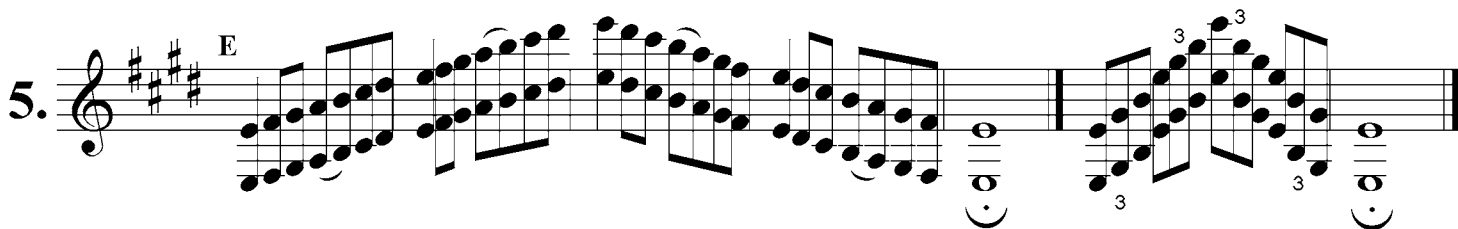
1. 

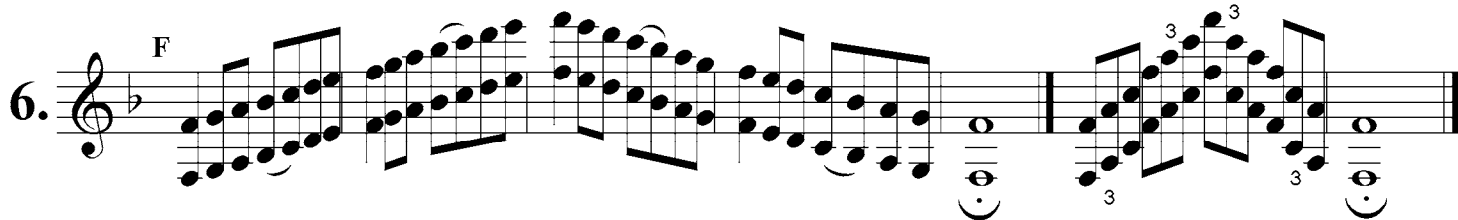
2. 

2A. 

3. 

4. 

5. 

6. 

7. **F Sharp**

Musical notation for the F Sharp major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

7A. **G Flat**

Musical notation for the G Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

8. **G**

Musical notation for the G major scale and arpeggio. The scale is written in treble clef with a key signature of one sharp (F#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

9. **A Flat**

Musical notation for the A Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

10. **A**

Musical notation for the A major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

11. **B Flat**

Musical notation for the B Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

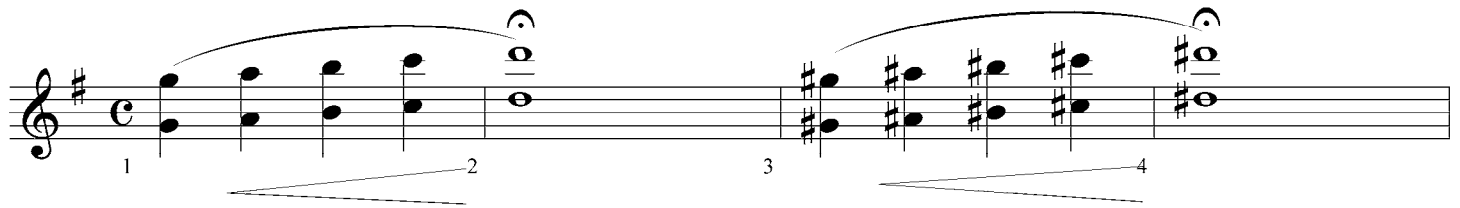
12. **B**

Musical notation for the B major scale and arpeggio. The scale is written in treble clef with a key signature of two sharps (F#, C#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

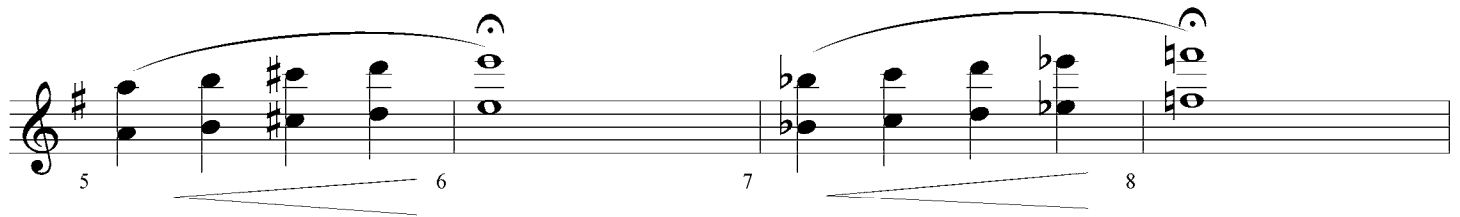
E♭ Treble Clef

RANGE BUILDERS

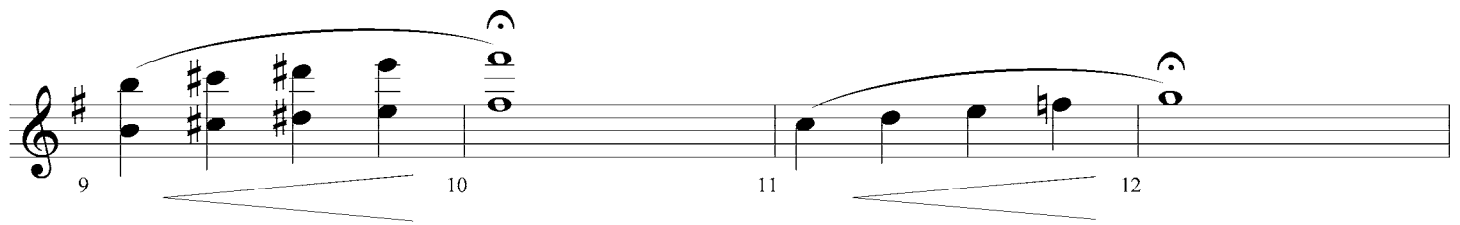
Play as many measures as possible.



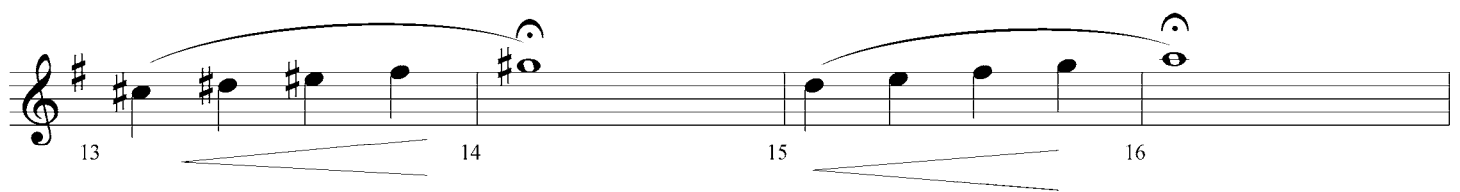
Measures 1 and 2. Measure 1: G4, A4, B4, C5. Measure 2: D5, E5, F5, G5. Both measures are in E major (one sharp) and C major (no sharps or flats). A slur covers both measures, and a dynamic hairpin is below.



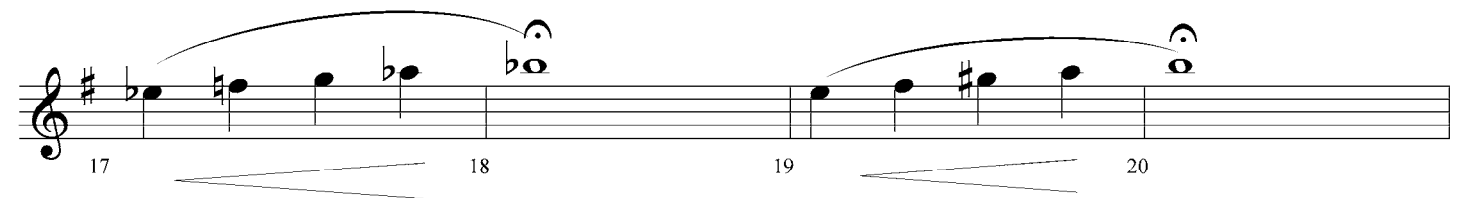
Measures 3 and 4. Measure 3: G#4, A#4, B#4, C5. Measure 4: D5, E5, F5, G5. Both measures are in E major (two sharps). A slur covers both measures, and a dynamic hairpin is below.



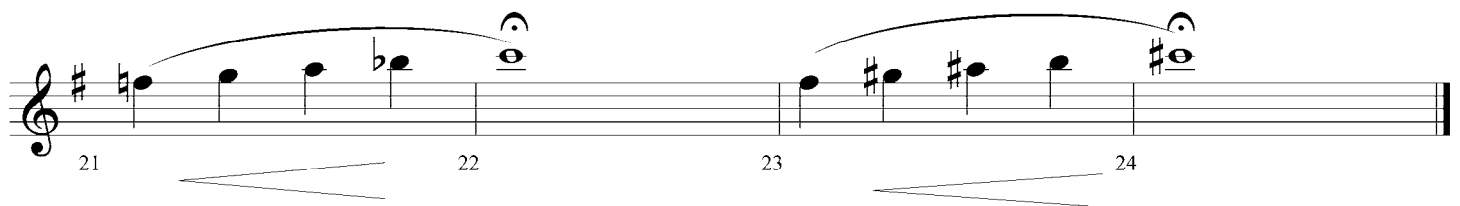
Measures 5 and 6. Measure 5: G4, A4, B4, C5. Measure 6: D5, E5, F5, G5. Both measures are in E major (one sharp) and C major (no sharps or flats). A slur covers both measures, and a dynamic hairpin is below.



Measures 7 and 8. Measure 7: G4, A4, B4, C5. Measure 8: D5, E5, F5, G5. Both measures are in E major (one sharp) and C major (no sharps or flats). A slur covers both measures, and a dynamic hairpin is below.



Measures 9 and 10. Measure 9: G#4, A#4, B#4, C5. Measure 10: D5, E5, F5, G5. Both measures are in E major (two sharps). A slur covers both measures, and a dynamic hairpin is below.



Measures 11 and 12. Measure 11: G4, A4, B4, C5. Measure 12: D5, E5, F5, G5. Both measures are in E major (one sharp) and C major (no sharps or flats). A slur covers both measures, and a dynamic hairpin is below.



Measures 13 and 14. Measure 13: G4, A4, B4, C5. Measure 14: D5, E5, F5, G5. Both measures are in E major (one sharp) and C major (no sharps or flats). A slur covers both measures, and a dynamic hairpin is below.

Measures 15 and 16. Measure 15: G#4, A#4, B#4, C5. Measure 16: D5, E5, F5, G5. Both measures are in E major (two sharps). A slur covers both measures, and a dynamic hairpin is below.

Measures 17 and 18. Measure 17: G4, A4, B4, C5. Measure 18: D5, E5, F5, G5. Both measures are in E major (one sharp) and C major (no sharps or flats). A slur covers both measures, and a dynamic hairpin is below.

Measures 19 and 20. Measure 19: G#4, A#4, B#4, C5. Measure 20: D5, E5, F5, G5. Both measures are in E major (two sharps). A slur covers both measures, and a dynamic hairpin is below.

Measures 21 and 22. Measure 21: G4, A4, B4, C5. Measure 22: D5, E5, F5, G5. Both measures are in E major (one sharp) and C major (no sharps or flats). A slur covers both measures, and a dynamic hairpin is below.

Measures 23 and 24. Measure 23: G#4, A#4, B#4, C5. Measure 24: D5, E5, F5, G5. Both measures are in E major (two sharps). A slur covers both measures, and a dynamic hairpin is below.

E_b BARITONE SAXOPHONE

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

Eb Treble Clef

TONE BUILDERS

1

Musical exercise 1: Treble clef, key signature of one sharp (F#). The exercise consists of two staves of music. The first staff contains six measures of music, and the second staff contains six measures. The notes are: G4, A4, B4, C5, B4, A4, G4 (first staff); G4, F#4, E4, D4, C4, B3 (second staff). Each note is held for a full measure and is beamed to the next note in the sequence.

2

Musical exercise 2: Treble clef, key signature of one sharp (F#). The exercise consists of two staves of music. The first staff contains six measures of music, and the second staff contains six measures. The notes are: G4, A4, B4, C5, B4, A4, G4 (first staff); G4, F#4, E4, D4, C4, B3 (second staff). Each note is held for a full measure and is beamed to the next note in the sequence.

3

Musical exercise 3: Treble clef, key signature of one sharp (F#). The exercise consists of three staves of music. The first staff contains six measures of music, the second staff contains six measures, and the third staff contains six measures. The notes are: G4, A4, B4, C5, B4, A4, G4 (first staff); G4, F#4, E4, D4, C4, B3 (second staff); G4, F#4, E4, D4, C4, B3 (third staff). Each note is held for a full measure and is beamed to the next note in the sequence.

Eb Treble Clef

INTERVALS

An interval is the space between two notes

1

unison minor second major second minor third

major third perfect fourth augmented fourth perfect fifth

augmented fifth major sixth minor seventh major seventh octave

1 2 3 4 5 6 7 8 9 10 11 12 13

MAJOR SCALE INTERVALS

2

unison major second major third perfect fourth

perfect fifth major sixth major seventh octave

14 15 16 17 18 19 20 21

MAJOR SCALE DEGREES

3

1 2 3 4 5 6 7 8 (1)

22 23 24 25 26 27 28 29

BASIC CHORD TYPES

4

Major Minor Seventh Diminished Augmented

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

30 31 32 33 34

CHORD PITCH DRILL

Page 1

each pitch functions as 1,3,5 and 7 in a chord.

C

Musical staff for C major chord drill. The staff is in treble clef with a key signature of one sharp (F#). The notes are: C4 (quarter), C4 (half), G4 (quarter), F#4 (quarter), E4 (quarter), D4 (quarter), C4 (quarter), B3 (quarter), A3 (quarter), G3 (quarter). Measure numbers 1 through 9 are indicated below the staff.

G

Musical staff for G major chord drill. The staff is in treble clef with a key signature of two sharps (F#, C#). The notes are: G3 (quarter), G3 (half), B3 (quarter), A3 (quarter), G3 (quarter), F#3 (quarter), E3 (quarter), D3 (quarter), C3 (quarter), B2 (quarter). Measure numbers 10 through 18 are indicated below the staff.

D

Musical staff for D major chord drill. The staff is in treble clef with a key signature of two sharps (F#, C#). The notes are: D3 (quarter), D3 (half), F#3 (quarter), E3 (quarter), D3 (quarter), C#3 (quarter), B2 (quarter), A2 (quarter), G2 (quarter), F#2 (quarter). Measure numbers 19 through 27 are indicated below the staff.

A

Musical staff for A major chord drill. The staff is in treble clef with a key signature of three sharps (F#, C#, G#). The notes are: A2 (quarter), A2 (half), C#3 (quarter), B2 (quarter), A2 (quarter), G#2 (quarter), F#2 (quarter), E2 (quarter), D2 (quarter), C#2 (quarter). Measure numbers 28 through 36 are indicated below the staff.

E

Musical staff for E major chord drill. The staff is in treble clef with a key signature of four sharps (F#, C#, G#, D#). The notes are: E2 (quarter), E2 (half), G#2 (quarter), F#2 (quarter), E2 (quarter), D#2 (quarter), C#2 (quarter), B1 (quarter), A1 (quarter), G#1 (quarter). Measure numbers 37 through 45 are indicated below the staff.

B

Musical staff for B major chord drill. The staff is in treble clef with a key signature of five sharps (F#, C#, G#, D#, A#). The notes are: B1 (quarter), B1 (half), D#2 (quarter), C#2 (quarter), B1 (quarter), A#1 (quarter), G#1 (quarter), F#1 (quarter), E1 (quarter), D#1 (quarter). Measure numbers 46 through 54 are indicated below the staff.

CHORD PITCH DRILL

G♭

Musical staff for G♭ chord pitch drill. The staff is in treble clef with a key signature of two flats (B♭ and E♭). The notes are: 55 (G♭), 56 (F), 57 (E♭), 58 (D♭), 59 (C), 60 (B♭), 61 (A), 62 (G), 63 (F). The notes 55, 56, and 57 are beamed together. The notes 58 and 59 are beamed together. The notes 60, 61, 62, and 63 are beamed together.

D♭

Musical staff for D♭ chord pitch drill. The staff is in treble clef with a key signature of two flats (B♭ and E♭). The notes are: 64 (D♭), 65 (C), 66 (B♭), 67 (A), 68 (G), 69 (F), 70 (E♭), 71 (D), 72 (C). The notes 64, 65, and 66 are beamed together. The notes 67 and 68 are beamed together. The notes 69, 70, 71, and 72 are beamed together.

A♭

Musical staff for A♭ chord pitch drill. The staff is in treble clef with a key signature of two flats (B♭ and E♭). The notes are: 73 (A♭), 74 (G), 75 (F), 76 (E♭), 77 (D), 78 (C), 79 (B♭), 80 (A), 81 (G). The notes 73, 74, and 75 are beamed together. The notes 76 and 77 are beamed together. The notes 78, 79, 80, and 81 are beamed together.

E♭

Musical staff for E♭ chord pitch drill. The staff is in treble clef with a key signature of one flat (B♭). The notes are: 82 (E♭), 83 (D), 84 (C), 85 (B♭), 86 (A), 87 (G), 88 (F), 89 (E), 90 (D). The notes 82, 83, and 84 are beamed together. The notes 85 and 86 are beamed together. The notes 87, 88, 89, and 90 are beamed together.

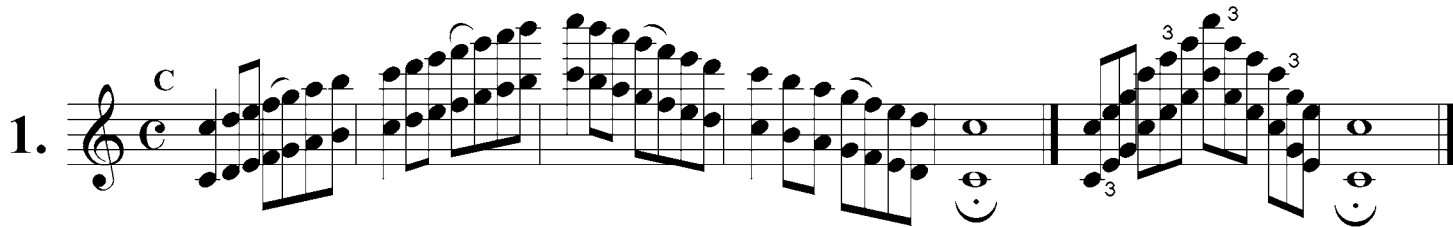
B♭

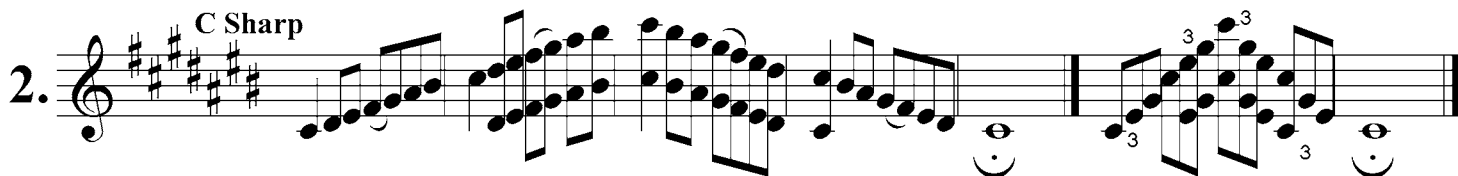
Musical staff for B♭ chord pitch drill. The staff is in treble clef with a key signature of two flats (B♭ and E♭). The notes are: 91 (B♭), 92 (A), 93 (G), 94 (F), 95 (E♭), 96 (D), 97 (C), 98 (B♭), 99 (A). The notes 91, 92, and 93 are beamed together. The notes 94 and 95 are beamed together. The notes 96, 97, 98, and 99 are beamed together.

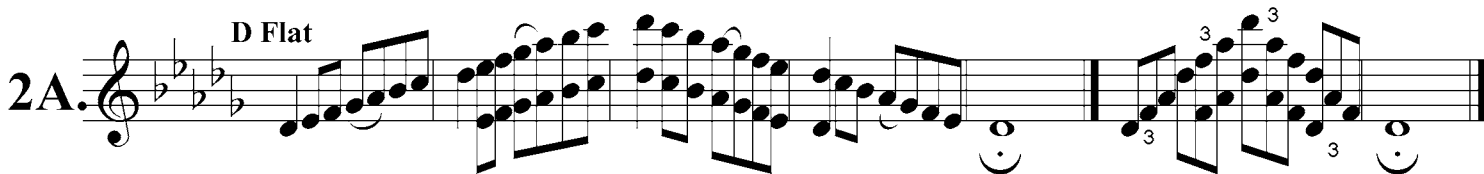
F

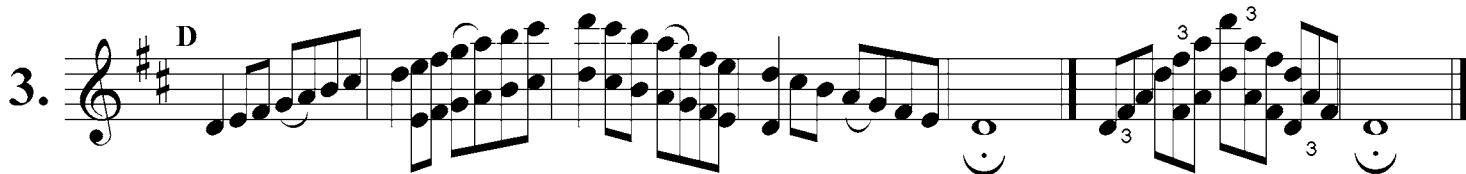
Musical staff for F chord pitch drill. The staff is in treble clef with a key signature of one sharp (F♯). The notes are: 100 (F), 101 (E), 102 (D), 103 (C), 104 (B), 105 (A), 106 (G), 107 (F), 108 (E). The notes 100, 101, and 102 are beamed together. The notes 103 and 104 are beamed together. The notes 105, 106, 107, and 108 are beamed together.

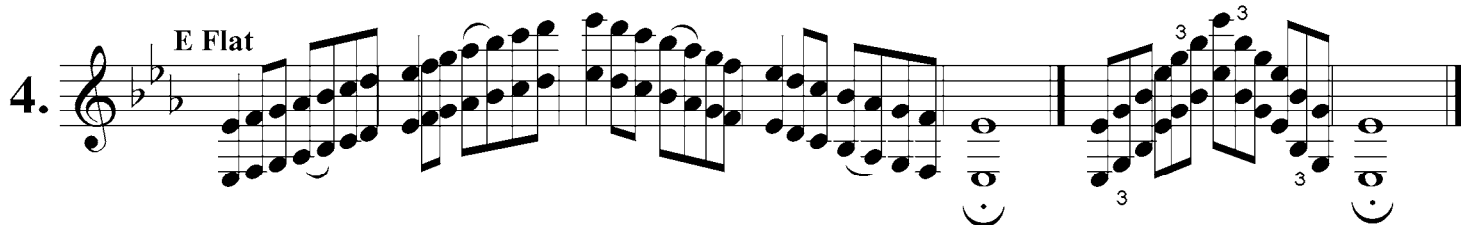
Treble Clef **MAJOR SCALES AND ARPEGGIOS**

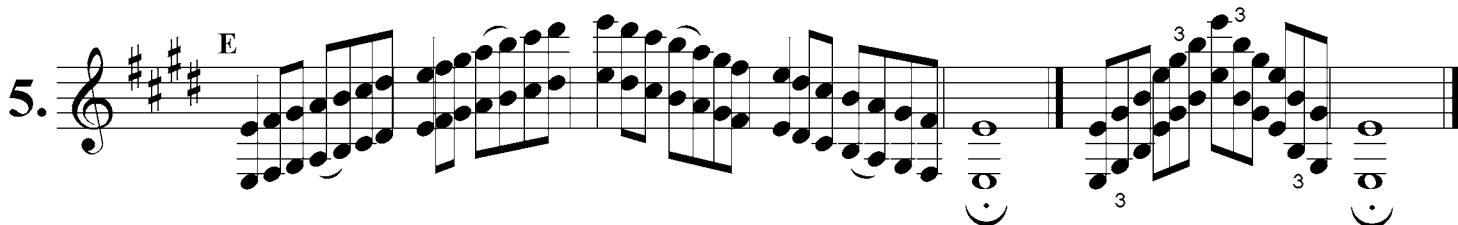
1. 

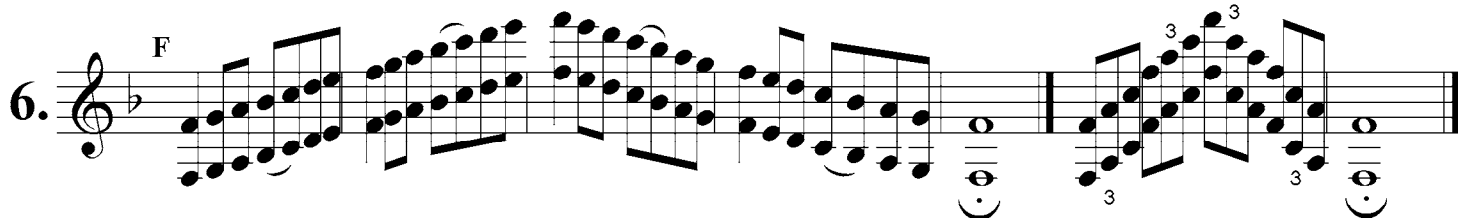
2. 

2A. 

3. 

4. 

5. 

6. 

7. **F Sharp**

Musical notation for F Sharp major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

7A. **G Flat**

Musical notation for G Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

8. **G**

Musical notation for G major scale and arpeggio. The scale is written in treble clef with a key signature of one sharp (F#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

9. **A Flat**

Musical notation for A Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

10. **A**

Musical notation for A major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

11. **B Flat**

Musical notation for B Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

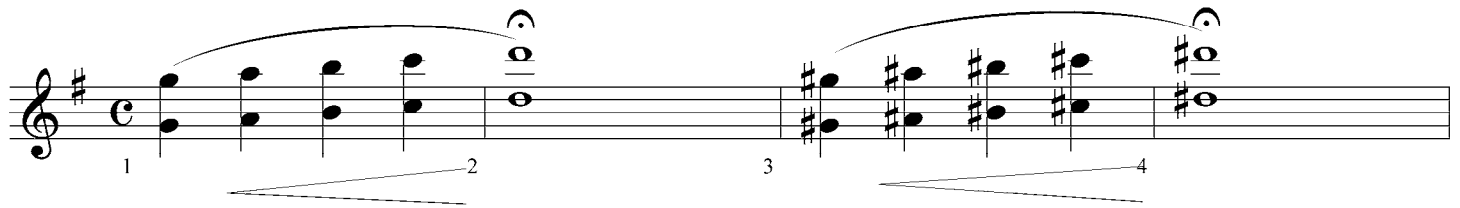
12. **B**

Musical notation for B major scale and arpeggio. The scale is written in treble clef with a key signature of four sharps (F#, C#, G#, D#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

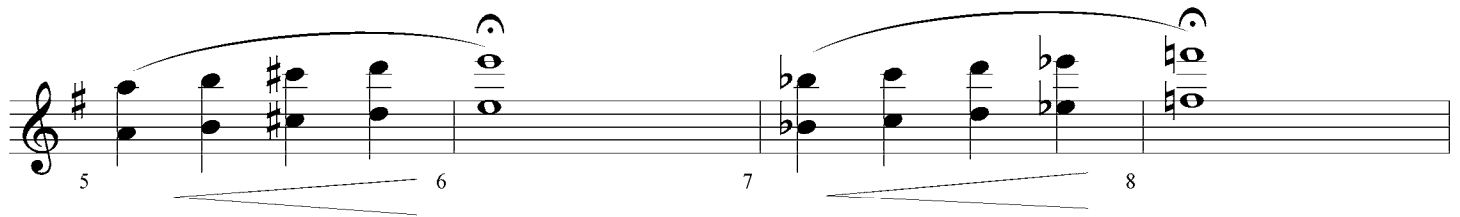
E♭ Treble Clef

RANGE BUILDERS

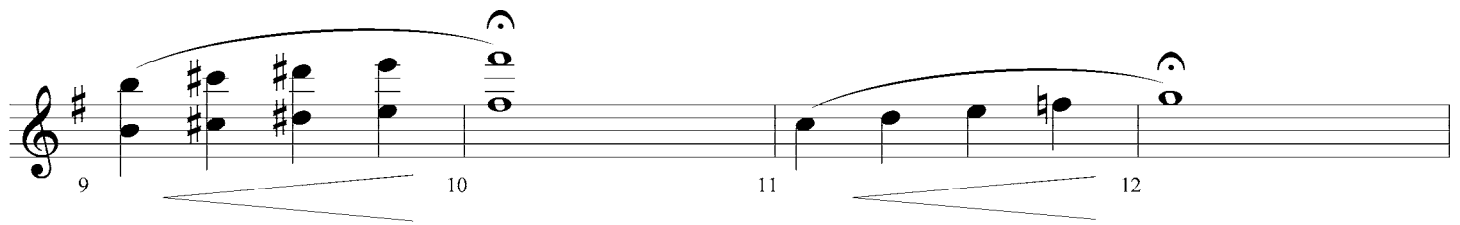
Play as many measures as possible.



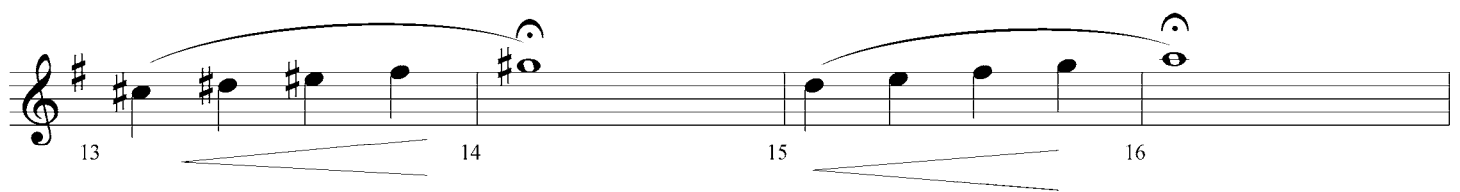
Measures 1 and 2. Measure 1: C4, D4, E4, F4. Measure 2: G4, A4, B4, C5. Both measures are in E major (one sharp) and C major (no sharps or flats). A slur covers both measures, and a dynamic hairpin is below.



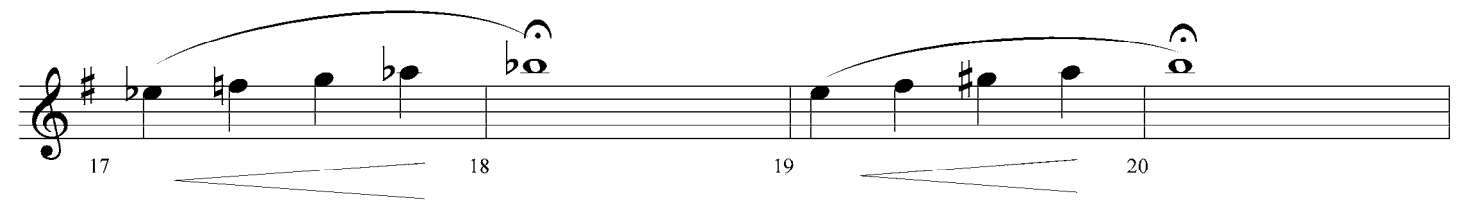
Measures 3 and 4. Measure 3: C#4, D#4, E4, F4. Measure 4: G4, A4, B4, C5. Both measures are in E major (one sharp). A slur covers both measures, and a dynamic hairpin is below.



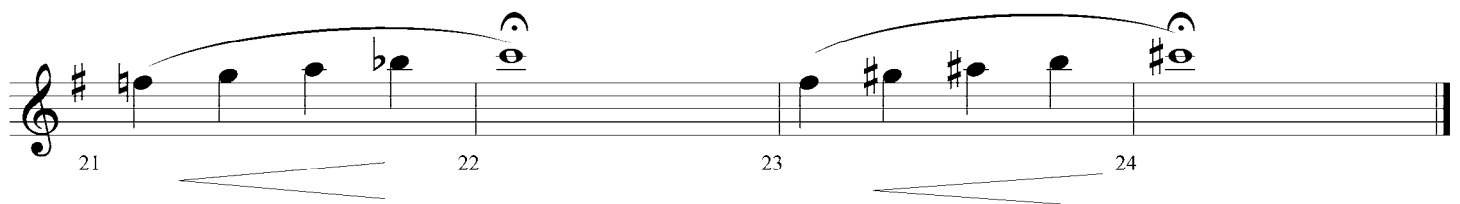
Measures 5 and 6. Measure 5: C#4, D#4, E4, F4. Measure 6: G4, A4, B4, C5. Both measures are in E major (one sharp). A slur covers both measures, and a dynamic hairpin is below.



Measures 7 and 8. Measure 7: C4, D4, E4, F4. Measure 8: G4, A4, B4, C5. Both measures are in C major (no sharps or flats). A slur covers both measures, and a dynamic hairpin is below.



Measures 9 and 10. Measure 9: C#4, D#4, E4, F4. Measure 10: G4, A4, B4, C5. Both measures are in E major (one sharp). A slur covers both measures, and a dynamic hairpin is below.



Measures 11 and 12. Measure 11: C4, D4, E4, F4. Measure 12: G4, A4, B4, C5. Both measures are in C major (no sharps or flats). A slur covers both measures, and a dynamic hairpin is below.



Measures 13 and 14. Measure 13: C#4, D#4, E4, F4. Measure 14: G4, A4, B4, C5. Both measures are in E major (one sharp). A slur covers both measures, and a dynamic hairpin is below.

BASSOON/CELLO

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

Bass Clef

TONE BUILDERS

1

Exercise 1 consists of two staves of music in bass clef, 2/4 time, with a key signature of one flat (Bb). The first staff contains measures 1 through 6, and the second staff contains measures 7 through 12. Each measure features a half note with a slur underneath it, and a whole note chord is written below the staff. The chords are: 1. Bb2, 2. Bb3, 3. Bb4, 4. Bb5, 5. Bb6, 6. Bb7, 7. Bb8, 8. Bb9, 9. Bb10, 10. Bb11, 11. Bb12, 12. Bb13.

2

Exercise 2 consists of two staves of music in bass clef, 2/4 time, with a key signature of one flat (Bb). The first staff contains measures 13 through 19, and the second staff contains measures 20 through 26. Each measure features a half note with a slur underneath it, and a whole note chord is written below the staff. The chords are: 13. Bb2, 14. Bb3, 15. Bb4, 16. Bb5, 17. Bb6, 18. Bb7, 19. Bb8, 20. Bb9, 21. Bb10, 22. Bb11, 23. Bb12, 24. Bb13, 25. Bb14, 26. Bb15.

3

Exercise 3 consists of three staves of music in bass clef, 2/4 time, with a key signature of one flat (Bb). The first staff contains measures 27 through 33, the second staff contains measures 34 through 40, and the third staff contains measures 41 through 47. Each measure features a half note with a slur underneath it, and a whole note chord is written below the staff. The chords are: 27. Bb2, 28. Bb3, 29. Bb4, 30. Bb5, 31. Bb6, 32. Bb7, 33. Bb8, 34. Bb9, 35. Bb10, 36. Bb11, 37. Bb12, 38. Bb13, 39. Bb14, 40. Bb15, 41. Bb16, 42. Bb17, 43. Bb18, 44. Bb19, 45. Bb20, 46. Bb21, 47. Bb22.

Bass Clef

INTERVALS

An interval is the space between two notes

1

unison minor second major second minor third

1 2 3 4

major third perfect fourth augmented fourth perfect fifth

5 6 7 8

augmented fifth major sixth minor seventh major seventh octave

9 10 11 12 13

MAJOR SCALE INTERVALS

2

unison major second major third perfect fourth

14 15 16 17

perfect fifth major sixth major seventh octave

18 19 20 21

MAJOR SCALE DEGREES

3

22 23 24 25 26 27 28 29

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4

Major Minor Seventh Diminished Augmented

30 31 32 33 34

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

CHORD PITCH DRILL

Page 1

each pitch functions as 1,3,5 and 7 in a chord.

C

Measures 1-9: C major chord (C4, E4, G4) in bass clef, common time. Measure 4 includes a chromatic descending line: C4, B3, A3, G3.

G

Measures 10-18: G major chord (G3, B3, D4) in bass clef, common time. Measure 13 includes a chromatic descending line: G3, F3, E3, D3.

D

Measures 19-27: D major chord (D3, F#3, A3) in bass clef, common time. Measure 22 includes a chromatic descending line: D3, C#3, B2, A2.

A

Measures 28-36: A major chord (A2, C#3, E3) in bass clef, common time. Measure 31 includes a chromatic descending line: A2, G#2, F#2, E2.

E

Measures 37-45: E major chord (E2, G#2, B2) in bass clef, common time. Measure 40 includes a chromatic descending line: E2, D#2, C#2, B1.

B

Measures 46-54: B major chord (B1, D#2, F#2) in bass clef, common time. Measure 49 includes a chromatic descending line: B1, A#1, G#1, F#1.

CHORD PITCH DRILL

Gb

Musical staff for Gb chord drill, measures 55-63. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 55 (Bb, Eb), 56 (Eb, Gb), 57 (Eb, Gb), 58 (Bb, Eb, Gb), 59 (Bb, Eb, Gb), 60 (Bb, Eb), 61 (Bb, Eb), 62 (Bb, Eb), 63 (Eb, Gb).

Db

Musical staff for Db chord drill, measures 64-72. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 64 (Bb, Eb), 65 (Eb, Gb), 66 (Eb, Gb), 67 (Bb, Eb, Gb), 68 (Bb, Eb, Gb), 69 (Bb, Eb, Gb), 70 (Bb, Eb, Gb), 71 (Bb, Eb, Gb), 72 (Eb, Gb).

Ab

Musical staff for Ab chord drill, measures 73-81. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 73 (Bb, Eb), 74 (Eb, Gb), 75 (Eb, Gb), 76 (Bb, Eb, Gb), 77 (Bb, Eb, Gb), 78 (Bb, Eb, Gb), 79 (Bb, Eb, Gb), 80 (Bb, Eb, Gb), 81 (Eb, Gb).

Eb

Musical staff for Eb chord drill, measures 82-90. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 82 (Bb, Eb), 83 (Eb, Gb), 84 (Eb, Gb), 85 (Bb, Eb, Gb), 86 (Bb, Eb, Gb), 87 (Bb, Eb, Gb), 88 (Bb, Eb, Gb), 89 (Bb, Eb, Gb), 90 (Eb, Gb).

Bb

Musical staff for Bb chord drill, measures 91-99. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 91 (Bb, Eb), 92 (Eb, Gb), 93 (Eb, Gb), 94 (Bb, Eb, Gb), 95 (Bb, Eb, Gb), 96 (Bb, Eb, Gb), 97 (Bb, Eb, Gb), 98 (Bb, Eb, Gb), 99 (Eb, Gb).

F

Musical staff for F chord drill, measures 100-108. The staff is in bass clef with a key signature of one flat (Bb). The notes are: 100 (Bb, F), 101 (Bb, F), 102 (Bb, F), 103 (Bb, F), 104 (Bb, F), 105 (Bb, F), 106 (Bb, F), 107 (Bb, F), 108 (Bb, F).

Bass Clef

MAJOR SCALES AND ARPEGGIOS

1. **C**

This block shows the C major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is C major (no sharps or flats). The time signature is common time (C). The piece ends with a double bar line.

2. **C Sharp**

This block shows the C sharp major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is C sharp major (two sharps: F# and C#). The time signature is common time (C). The piece ends with a double bar line.

2A. **D Flat**

This block shows the D flat major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is D flat major (two flats: Bb and F). The time signature is common time (C). The piece ends with a double bar line.

3. **D**

This block shows the D major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is D major (two sharps: F# and C#). The time signature is common time (C). The piece ends with a double bar line.

4. **E Flat**

This block shows the E flat major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is E flat major (two flats: Bb and F). The time signature is common time (C). The piece ends with a double bar line.

5. **E**

This block shows the E major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is E major (three sharps: F#, C#, G#). The time signature is common time (C). The piece ends with a double bar line.

6. **F**

This block shows the F major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is F major (one flat: Bb). The time signature is common time (C). The piece ends with a double bar line.

7. **F Sharp**

This block contains the musical notation for the F Sharp major scale and its arpeggio. The scale is written in bass clef with a key signature of two sharps (F# and C#). The scale is presented in two directions: ascending and descending. The arpeggio is shown as a sequence of chords, with the root note F# marked with a '3' to indicate a triplet.

7A. **G Flat**

This block contains the musical notation for the G Flat major scale and its arpeggio. The scale is written in bass clef with a key signature of two flats (Bb and Eb). The scale is presented in two directions: ascending and descending. The arpeggio is shown as a sequence of chords, with the root note Gb marked with a '3' to indicate a triplet.

8. **G**

This block contains the musical notation for the G major scale and its arpeggio. The scale is written in bass clef with a key signature of one sharp (F#). The scale is presented in two directions: ascending and descending. The arpeggio is shown as a sequence of chords, with the root note G marked with a '3' to indicate a triplet.

9. **A Flat**

This block contains the musical notation for the A Flat major scale and its arpeggio. The scale is written in bass clef with a key signature of three flats (Bb, Eb, and Ab). The scale is presented in two directions: ascending and descending. The arpeggio is shown as a sequence of chords, with the root note Ab marked with a '3' to indicate a triplet.

10. **A**

This block contains the musical notation for the A major scale and its arpeggio. The scale is written in bass clef with a key signature of three sharps (F#, C#, and G#). The scale is presented in two directions: ascending and descending. The arpeggio is shown as a sequence of chords, with the root note A marked with a '3' to indicate a triplet.

11. **B Flat**

This block contains the musical notation for the B Flat major scale and its arpeggio. The scale is written in bass clef with a key signature of two flats (Bb and F). The scale is presented in two directions: ascending and descending. The arpeggio is shown as a sequence of chords, with the root note Bb marked with a '3' to indicate a triplet.

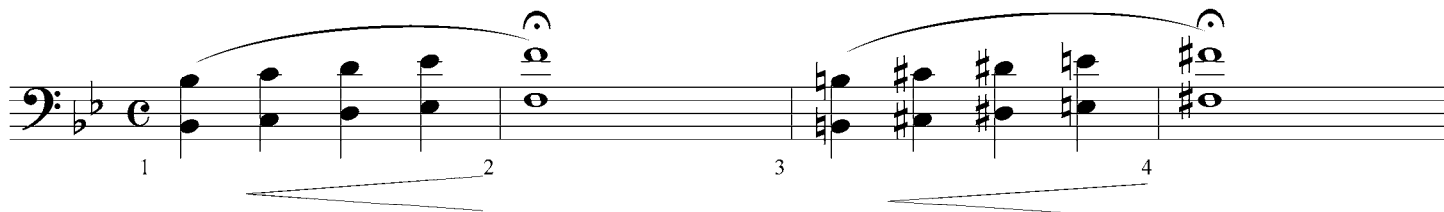
12. **B**

This block contains the musical notation for the B major scale and its arpeggio. The scale is written in bass clef with a key signature of two sharps (F# and C#). The scale is presented in two directions: ascending and descending. The arpeggio is shown as a sequence of chords, with the root note B marked with a '3' to indicate a triplet.

Bass Clef

RANGE BUILDERS

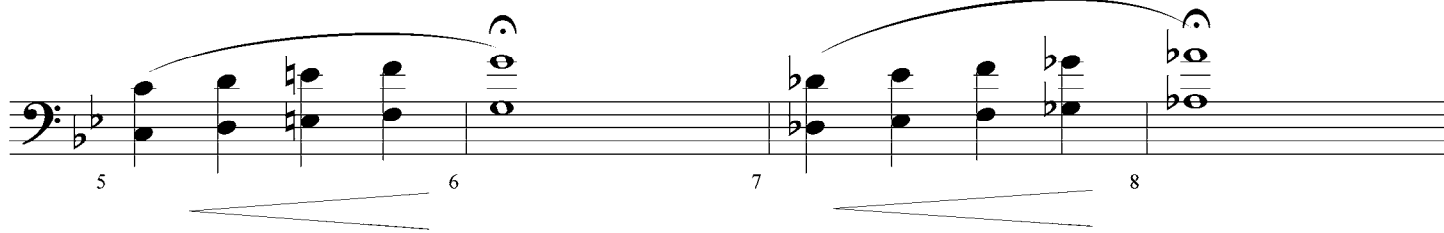
Play as many measures as possible.



1 2

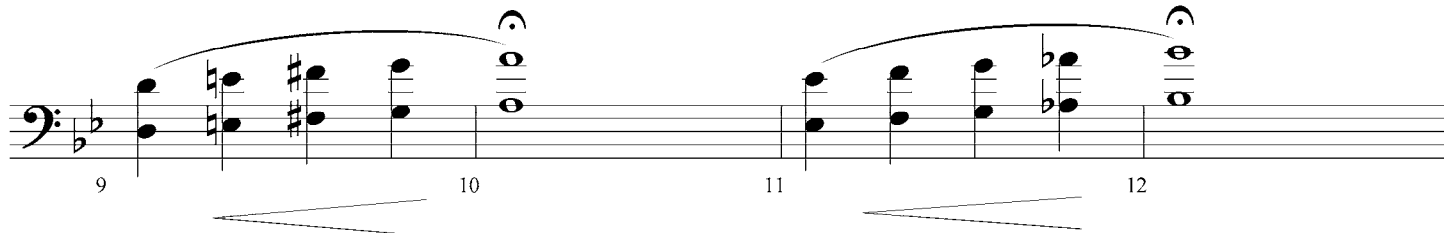
3 4

Two musical staves in bass clef, 2/4 time. The first staff contains measures 1 and 2, and the second staff contains measures 3 and 4. Each measure is a half note chord. Measures 1 and 2 are in the lower register, while measures 3 and 4 are in the upper register. A double-headed arrow indicates the range between the first and second staves.



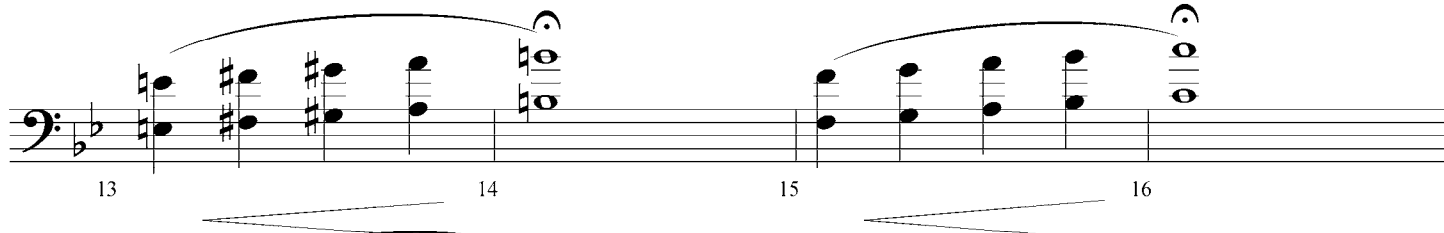
5 6 7 8

Two musical staves in bass clef, 2/4 time. The first staff contains measures 5 and 6, and the second staff contains measures 7 and 8. Each measure is a half note chord. Measures 5 and 6 are in the lower register, while measures 7 and 8 are in the upper register. A double-headed arrow indicates the range between the first and second staves.



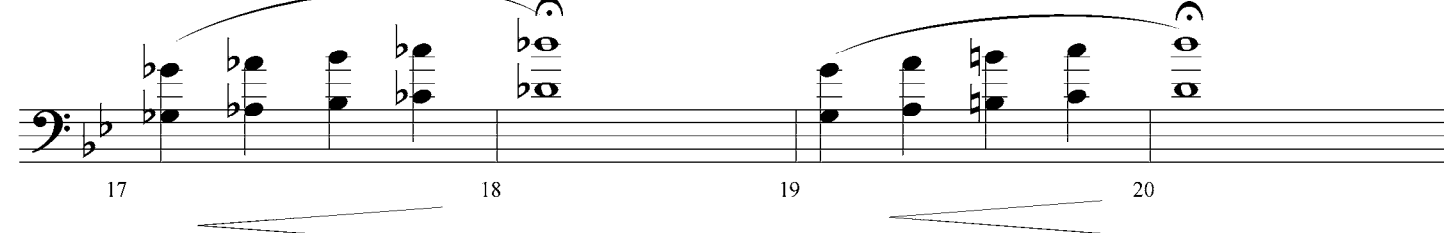
9 10 11 12

Two musical staves in bass clef, 2/4 time. The first staff contains measures 9 and 10, and the second staff contains measures 11 and 12. Each measure is a half note chord. Measures 9 and 10 are in the lower register, while measures 11 and 12 are in the upper register. A double-headed arrow indicates the range between the first and second staves.



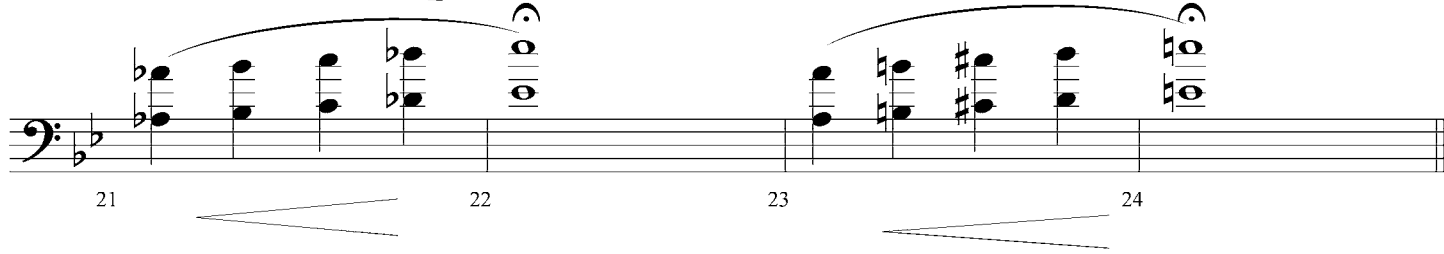
13 14 15 16

Two musical staves in bass clef, 2/4 time. The first staff contains measures 13 and 14, and the second staff contains measures 15 and 16. Each measure is a half note chord. Measures 13 and 14 are in the lower register, while measures 15 and 16 are in the upper register. A double-headed arrow indicates the range between the first and second staves.



17 18 19 20

Two musical staves in bass clef, 2/4 time. The first staff contains measures 17 and 18, and the second staff contains measures 19 and 20. Each measure is a half note chord. Measures 17 and 18 are in the lower register, while measures 19 and 20 are in the upper register. A double-headed arrow indicates the range between the first and second staves.



21 22 23 24

Two musical staves in bass clef, 2/4 time. The first staff contains measures 21 and 22, and the second staff contains measures 23 and 24. Each measure is a half note chord. Measures 21 and 22 are in the lower register, while measures 23 and 24 are in the upper register. A double-headed arrow indicates the range between the first and second staves.

TRUMPETS

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

Bb Treble Clef

TONE BUILDERS

1

Exercise 1, first system: Treble clef, common time. The first staff contains three measures of music. Each measure features a half note on the staff with a whole note chord below it. The chords are: C major (C4, E4, G4), C minor (C4, E4b, G4), and C major (C4, E4, G4). The notes are connected by a slur.

2

Exercise 2, first system: Treble clef, common time. The first staff contains four measures of music. Each measure features a half note on the staff with a whole note chord below it. The chords are: C major (C4, E4, G4), C major (C4, E4, G4), C minor (C4, E4b, G4), and C major (C4, E4, G4). The notes are connected by a slur.

Exercise 2, second system: Treble clef, common time. The second staff contains four measures of music. Each measure features a half note on the staff with a whole note chord below it. The chords are: C major (C4, E4, G4), C major (C4, E4, G4), C major (C4, E4, G4), and C major (C4, E4, G4). The notes are connected by a slur.

3

Exercise 3, first system: Treble clef, common time. The first staff contains three measures of music. Each measure features a half note on the staff with a whole note chord below it. The chords are: C major (C4, E4, G4), C major (C4, E4, G4), and C major (C4, E4, G4). The notes are connected by a slur.

Exercise 3, second system: Treble clef, common time. The second staff contains three measures of music. Each measure features a half note on the staff with a whole note chord below it. The chords are: C major (C4, E4, G4), C major (C4, E4, G4), and C major (C4, E4, G4). The notes are connected by a slur.

Exercise 3, third system: Treble clef, common time. The third staff contains three measures of music. Each measure features a half note on the staff with a whole note chord below it. The chords are: C major (C4, E4, G4), C major (C4, E4, G4), and C major (C4, E4, G4). The notes are connected by a slur.

Bb Treble Clef

INTERVALS

An interval is the space between two notes

1 unison minor second major second minor third

1 2 3 4

major third perfect fourth augmented fourth perfect fifth

5 6 7 8

augmented fifth major sixth minor seventh major seventh octave

9 10 11 12 13

MAJOR SCALE INTERVALS

2 unison major second major third perfect fourth

14 15 16 17

perfect fifth major sixth major seventh octave

18 19 20 21

MAJOR SCALE DEGREES

3

22 23 24 25 26 27 28 29

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4 Major Minor Seventh Diminished Augmented

30 31 32 33 34

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

Trumpets

CHORD PITCH DRILL

Page 1

each pitch functions as 1,3,5 and 7 in a chord.

C

Musical staff for C major chord drill. The staff is in treble clef with a key signature of one sharp (F#). It contains nine measures of music, each starting with a whole note chord and followed by a descending eighth-note scale. The measures are numbered 1 through 9.

G

Musical staff for G major chord drill. The staff is in treble clef with a key signature of two sharps (F# and C#). It contains eight measures of music, each starting with a whole note chord and followed by a descending eighth-note scale. The measures are numbered 10 through 18.

D

Musical staff for D major chord drill. The staff is in treble clef with a key signature of two sharps (F# and C#). It contains eight measures of music, each starting with a whole note chord and followed by a descending eighth-note scale. The measures are numbered 19 through 27.

A

Musical staff for A major chord drill. The staff is in treble clef with a key signature of three sharps (F#, C#, and G#). It contains eight measures of music, each starting with a whole note chord and followed by a descending eighth-note scale. The measures are numbered 28 through 36.

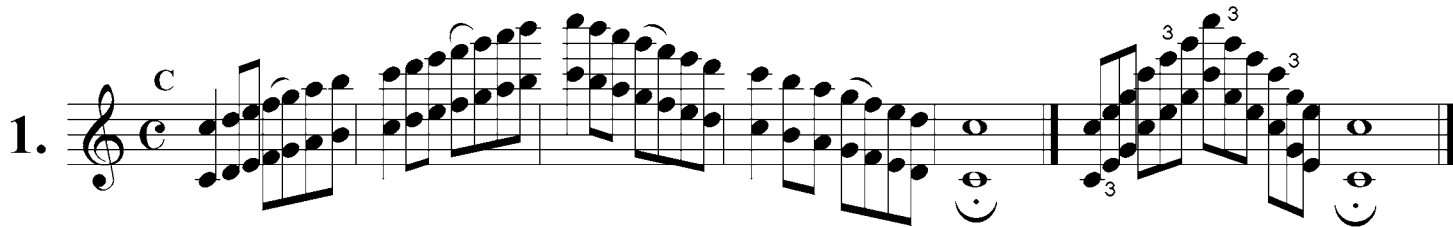
E

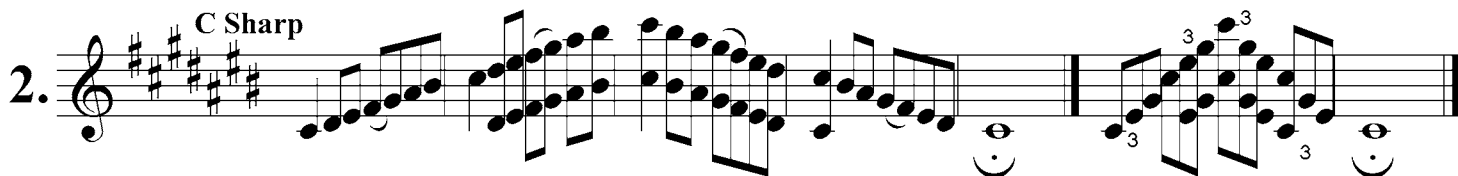
Musical staff for E major chord drill. The staff is in treble clef with a key signature of four sharps (F#, C#, G#, and D#). It contains eight measures of music, each starting with a whole note chord and followed by a descending eighth-note scale. The measures are numbered 37 through 45.

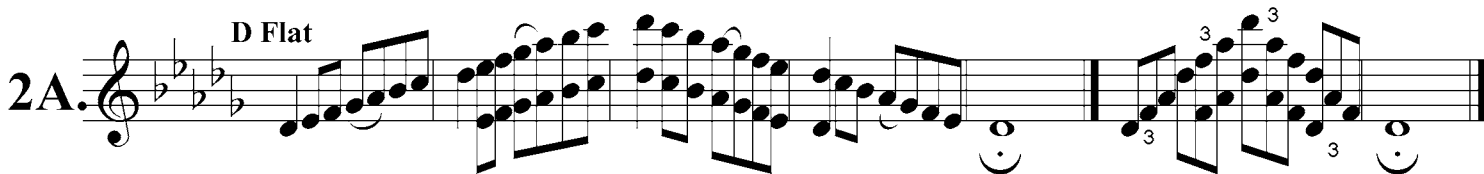
B

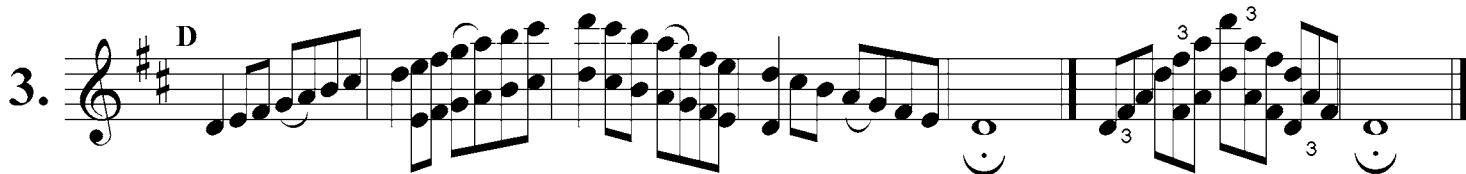
Musical staff for B major chord drill. The staff is in treble clef with a key signature of five sharps (F#, C#, G#, D#, and A#). It contains eight measures of music, each starting with a whole note chord and followed by a descending eighth-note scale. The measures are numbered 46 through 54.

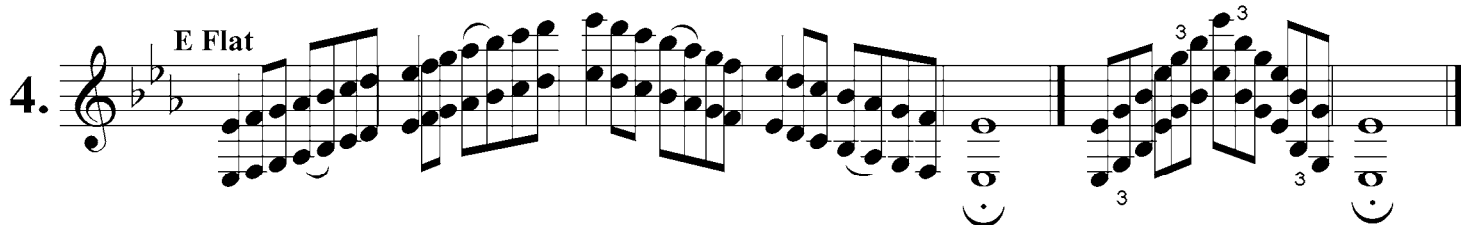
Treble Clef **MAJOR SCALES AND ARPEGGIOS**

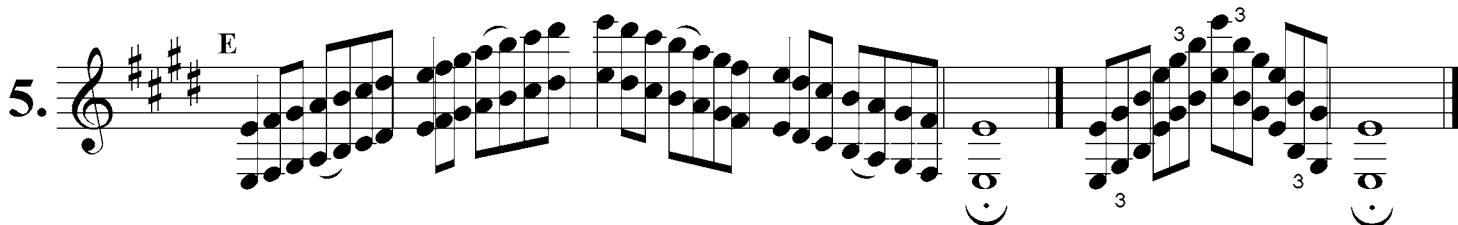
1. 

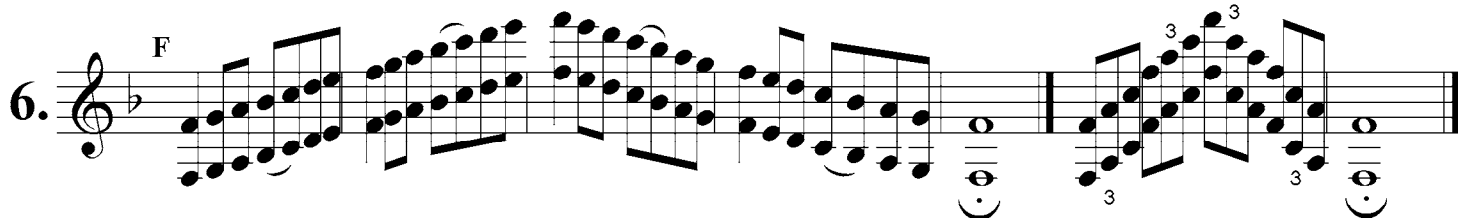
2. 

2A. 

3. 

4. 

5. 

6. 

7. **F Sharp**

Musical notation for the F Sharp major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

7A. **G Flat**

Musical notation for the G Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

8. **G**

Musical notation for the G major scale and arpeggio. The scale is written in treble clef with a key signature of one sharp (F#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

9. **A Flat**

Musical notation for the A Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

10. **A**

Musical notation for the A major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

11. **B Flat**

Musical notation for the B Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

12. **B**

Musical notation for the B major scale and arpeggio. The scale is written in treble clef with a key signature of two sharps (F#, C#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

Bb Treble Clef

RANGE BUILDERS

Play as many measures as possible.

The image displays a musical score for a range-building exercise in Bb Treble Clef, consisting of 24 measures. The score is organized into six rows, each containing two measures. Each measure is marked with a measure number (1 through 24) and features a treble clef, a common time signature (C), and a whole note chord. The chords are connected by a long slur across the entire piece. The notes in each measure are as follows:

- Measure 1: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 2: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 3: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 4: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 5: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 6: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 7: Bb3, Cb4, Db4, Eb4, Fb4, Gb4, Ab4, Bb4
- Measure 8: Bb3, Cb4, Db4, Eb4, Fb4, Gb4, Ab4, Bb4
- Measure 9: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 10: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 11: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 12: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 13: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 14: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 15: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 16: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 17: Bb3, Cb4, Db4, Eb4, Fb4, Gb4, Ab4, Bb4
- Measure 18: Bb3, Cb4, Db4, Eb4, Fb4, Gb4, Ab4, Bb4
- Measure 19: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 20: C4, D4, E4, F4, G4, A4, B4, C5
- Measure 21: Bb3, Cb4, Db4, Eb4, Fb4, Gb4, Ab4, Bb4
- Measure 22: Bb3, Cb4, Db4, Eb4, Fb4, Gb4, Ab4, Bb4
- Measure 23: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5
- Measure 24: C#4, D#4, E#4, F#4, G#4, A#4, B#4, C#5

F HORNS

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

F Horns

TONE BUILDERS

1

Exercise 1 consists of two staves of music in 2/4 time with a key signature of one flat. The first staff contains six measures of music, each with a whole note chord. The second staff contains six measures, also with whole note chords, including some with accidentals.

2

Exercise 2 consists of two staves of music in 2/4 time with a key signature of one flat. The first staff contains six measures of music, each with a half note chord. The second staff contains six measures, also with half note chords, including some with accidentals.

3

Exercise 3 consists of three staves of music in 2/4 time with a key signature of one flat. The first staff contains six measures of music, each with a half note chord. The second staff contains six measures, also with half note chords, including some with accidentals. The third staff contains six measures, also with half note chords, including some with accidentals.

F Treble Clef

INTERVALS

An interval is the space between two notes

1

1 unison 2 minor second 3 major second 4 minor third
5 major third 6 perfect fourth 7 augmented fourth 8 perfect fifth
9 augmented fifth 10 major sixth 11 minor seventh 12 major seventh 13 octave

MAJOR SCALE INTERVALS

2

14 unison 15 major second 16 major third 17 perfect fourth
18 perfect fifth 19 major sixth 20 major seventh 21 octave

MAJOR SCALE DEGREES

3

22 1 23 2 24 3 25 4 26 5 27 6 28 7 29 8 (1)

BASIC CHORD TYPES

4

30 Major 1,3,5 31 Minor 1, min. 3, 5 32 Seventh 1,3,5,min. 7 33 Diminished 1, min. 3, dim. 5 34 Augmented 1, 3 aug. 5

CHORD PITCH DRILL

Page 1

each pitch functions as 1,3,5 and 7 in a chord.

C

Musical staff for C major chord drill. The staff is in treble clef with a key signature of one sharp (F#). It contains nine measures. Measure 1 has a single C note. Measure 2 has a C major triad (C, E, G). Measure 3 has a single E note. Measure 4 has a C major triad with a Bb note (C, E, G, Bb). Measure 5 has a single G note. Measure 6 has a C major triad (C, E, G). Measure 7 has a single C note. Measure 8 has a C major triad with a Bb note (C, E, G, Bb). Measure 9 has a C major triad (C, E, G).

G

Musical staff for G major chord drill. The staff is in treble clef with a key signature of two sharps (F#, C#). It contains eight measures. Measure 10 has a single G note. Measure 11 has a G major triad (G, B, D). Measure 12 has a single B note. Measure 13 has a G major triad with a Bb note (G, B, D, Bb). Measure 14 has a single D note. Measure 15 has a G major triad (G, B, D). Measure 16 has a single G note. Measure 17 has a G major triad with a Bb note (G, B, D, Bb). Measure 18 has a G major triad (G, B, D).

D

Musical staff for D major chord drill. The staff is in treble clef with a key signature of two sharps (F#, C#). It contains eight measures. Measure 19 has a single D note. Measure 20 has a D major triad (D, F#, A). Measure 21 has a single F# note. Measure 22 has a D major triad with a Bb note (D, F#, A, Bb). Measure 23 has a single A note. Measure 24 has a D major triad (D, F#, A). Measure 25 has a single D note. Measure 26 has a D major triad with a Bb note (D, F#, A, Bb). Measure 27 has a D major triad (D, F#, A).

A

Musical staff for A major chord drill. The staff is in treble clef with a key signature of three sharps (F#, C#, G#). It contains eight measures. Measure 28 has a single A note. Measure 29 has an A major triad (A, C#, E). Measure 30 has a single C# note. Measure 31 has an A major triad with a Bb note (A, C#, E, Bb). Measure 32 has a single E note. Measure 33 has an A major triad (A, C#, E). Measure 34 has a single A note. Measure 35 has an A major triad with a Bb note (A, C#, E, Bb). Measure 36 has an A major triad (A, C#, E).

E

Musical staff for E major chord drill. The staff is in treble clef with a key signature of four sharps (F#, C#, G#, D#). It contains eight measures. Measure 37 has a single E note. Measure 38 has an E major triad (E, G#, B). Measure 39 has a single G# note. Measure 40 has an E major triad with a Bb note (E, G#, B, Bb). Measure 41 has a single B note. Measure 42 has an E major triad (E, G#, B). Measure 43 has a single E note. Measure 44 has an E major triad with a Bb note (E, G#, B, Bb). Measure 45 has an E major triad (E, G#, B).

B

Musical staff for B major chord drill. The staff is in treble clef with a key signature of five sharps (F#, C#, G#, D#, A#). It contains eight measures. Measure 46 has a single B note. Measure 47 has a B major triad (B, D#, F#). Measure 48 has a single D# note. Measure 49 has a B major triad with a Bb note (B, D#, F#, Bb). Measure 50 has a single F# note. Measure 51 has a B major triad (B, D#, F#). Measure 52 has a single B note. Measure 53 has a B major triad with a Bb note (B, D#, F#, Bb). Measure 54 has a B major triad (B, D#, F#).

CHORD PITCH DRILL

Gb

Musical staff for Gb chord drill, measures 55-63. The staff shows a sequence of chords and notes in G-flat major. Measure 55: Gb, Bb, D. Measure 56: Gb, Bb, D, F. Measure 57: Gb, Bb, D. Measure 58: Gb, Bb, D, F. Measure 59: Gb, Bb, D. Measure 60: Gb, Bb, D, F. Measure 61: Gb, Bb, D. Measure 62: Gb, Bb, D, F. Measure 63: Gb, Bb, D.

Db

Musical staff for Db chord drill, measures 64-72. The staff shows a sequence of chords and notes in D-flat major. Measure 64: Db, F, Ab. Measure 65: Db, F, Ab, C. Measure 66: Db, F, Ab. Measure 67: Db, F, Ab, C. Measure 68: Db, F, Ab. Measure 69: Db, F, Ab, C. Measure 70: Db, F, Ab. Measure 71: Db, F, Ab, C. Measure 72: Db, F, Ab.

Ab

Musical staff for Ab chord drill, measures 73-81. The staff shows a sequence of chords and notes in A-flat major. Measure 73: Ab, C, Eb. Measure 74: Ab, C, Eb, F. Measure 75: Ab, C, Eb. Measure 76: Ab, C, Eb, F. Measure 77: Ab, C, Eb. Measure 78: Ab, C, Eb, F. Measure 79: Ab, C, Eb. Measure 80: Ab, C, Eb, F. Measure 81: Ab, C, Eb.

Eb

Musical staff for Eb chord drill, measures 82-90. The staff shows a sequence of chords and notes in E-flat major. Measure 82: Eb, G, Bb. Measure 83: Eb, G, Bb, D. Measure 84: Eb, G, Bb. Measure 85: Eb, G, Bb, D. Measure 86: Eb, G, Bb. Measure 87: Eb, G, Bb, D. Measure 88: Eb, G, Bb. Measure 89: Eb, G, Bb, D. Measure 90: Eb, G, Bb.

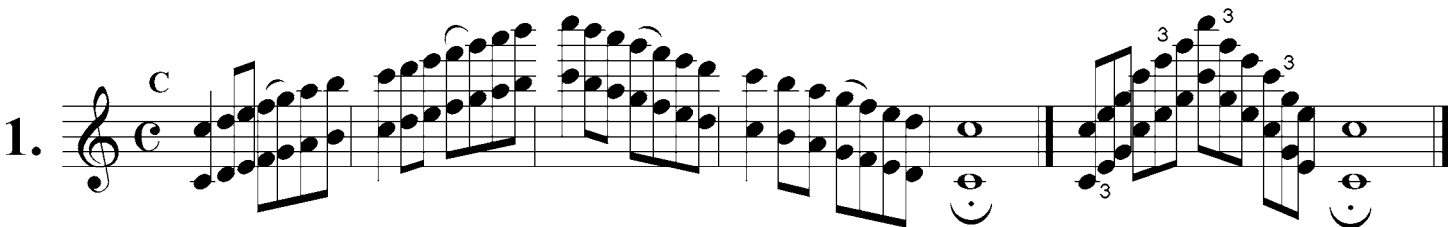
Bb

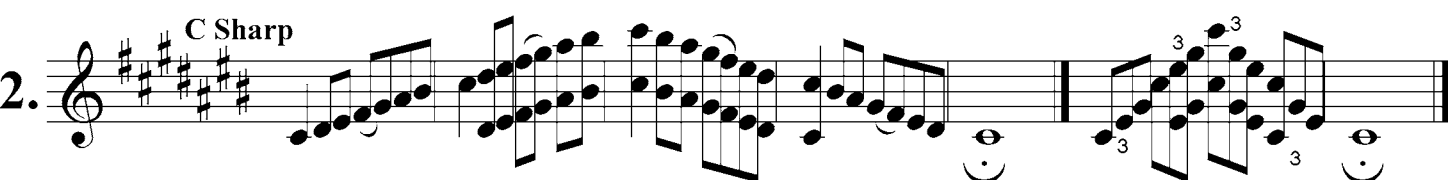
Musical staff for Bb chord drill, measures 91-99. The staff shows a sequence of chords and notes in B-flat major. Measure 91: Bb, D, F. Measure 92: Bb, D, F, Ab. Measure 93: Bb, D, F. Measure 94: Bb, D, F, Ab. Measure 95: Bb, D, F. Measure 96: Bb, D, F, Ab. Measure 97: Bb, D, F. Measure 98: Bb, D, F, Ab. Measure 99: Bb, D, F.

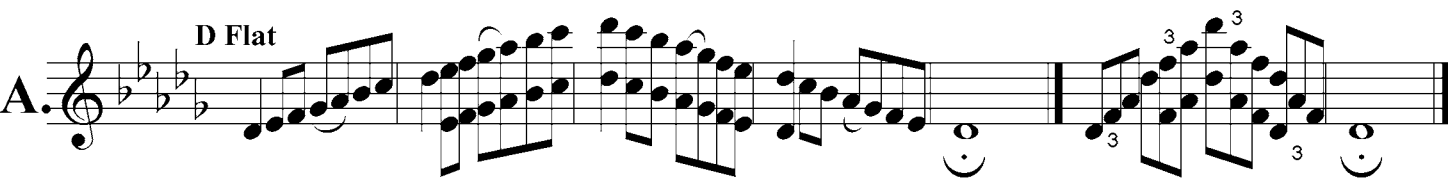
F

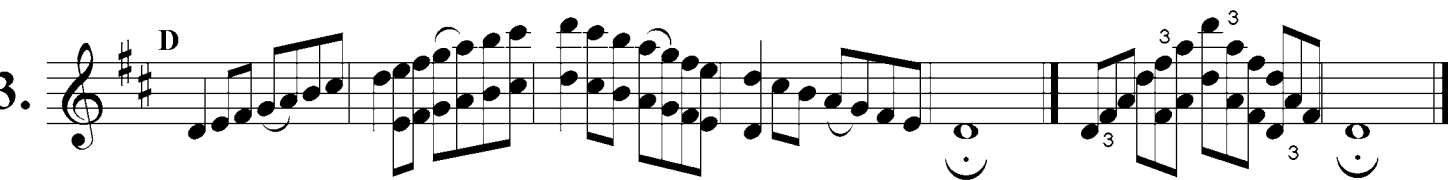
Musical staff for F chord drill, measures 100-108. The staff shows a sequence of chords and notes in F major. Measure 100: F, A, C. Measure 101: F, A, C, E. Measure 102: F, A, C. Measure 103: F, A, C, E. Measure 104: F, A, C. Measure 105: F, A, C, E. Measure 106: F, A, C. Measure 107: F, A, C, E. Measure 108: F, A, C.

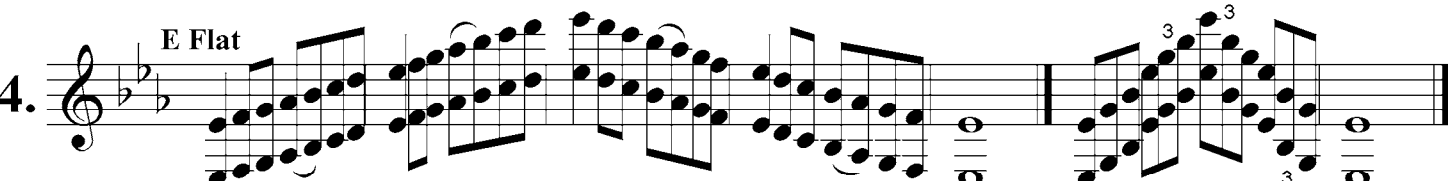
Treble Clef **MAJOR SCALES AND ARPEGGIOS**

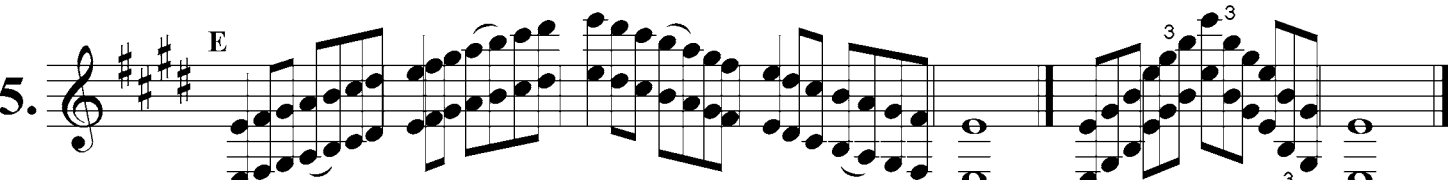
1. 

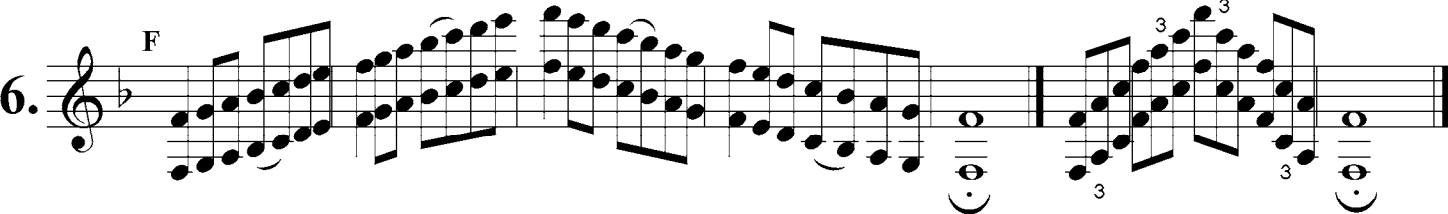
2. 

2A. 

3. 

4. 

5. 

6. 

7. **F Sharp**

This block contains the musical notation for the F Sharp major scale and its arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is presented in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The notes are: F#, G#, A, B, C#, D, E, F#.

7A. **G Flat**

This block contains the musical notation for the G Flat major scale and its arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is presented in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The notes are: Gb, Ab, Bb, C, Db, Eb, F, Gb.

8. **G**

This block contains the musical notation for the G major scale and its arpeggio. The scale is written in treble clef with a key signature of one sharp (F#). The scale is presented in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The notes are: G, A, B, C, D, E, F#, G.

9. **A Flat**

This block contains the musical notation for the A Flat major scale and its arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is presented in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The notes are: Ab, Bb, C, Db, Eb, F, G, Ab.

10. **A**

This block contains the musical notation for the A major scale and its arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is presented in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The notes are: A, B, C, D, E, F#, G, A.

11. **B Flat**

This block contains the musical notation for the B Flat major scale and its arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is presented in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The notes are: Bb, C, D, Eb, F, G, Ab, Bb.

12. **B**

This block contains the musical notation for the B major scale and its arpeggio. The scale is written in treble clef with a key signature of two sharps (F#, C#). The scale is presented in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The notes are: B, C, D, E, F#, G, A, B.

F Treble Clef

RANGE BUILDERS

Play as many measures as possible.

1 2 3 4

5 6 7 8

9 10 11 12

13 14 15 16

17 18 19 20

21 22 23 24

**TENOR SAXOPHONE/BARITONE T.C.
BASS CLARINET**

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

Bb Treble Clef

TONE BUILDERS

1

2

3

Bb Treble Clef

INTERVALS

An interval is the space between two notes

1 unison minor second major second minor third

1 2 3 4

major third perfect fourth augmented fourth perfect fifth

5 6 7 8

augmented fifth major sixth minor seventh major seventh octave

9 10 11 12 13

MAJOR SCALE INTERVALS

2 unison major second major third perfect fourth

14 15 16 17

perfect fifth major sixth major seventh octave

18 19 20 21

MAJOR SCALE DEGREES

3

22 23 24 25 26 27 28 29

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4 Major Minor Seventh Diminished Augmented

30 31 32 33 34

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

Tenor Saxophone
Bass Clarinet

CHORD PITCH DRILL

Page 1

each pitch functions as 1,3,5 and 7 in a chord.

concert pitch:

C

Musical staff for chord C drill. The staff is in treble clef with a key signature of one sharp (F#) and a common time signature (C). It contains nine measures of music, each with a number below it (1-9). Each measure contains a pair of notes: a whole note in the upper voice and a half note in the lower voice. The notes are: 1 (C4, G4), 2 (C4, A4), 3 (C4, B4), 4 (C4, C5), 5 (C4, D5), 6 (C4, E5), 7 (C4, F5), 8 (C4, G5), 9 (C4, A5).

G

Musical staff for chord G drill. The staff is in treble clef with a key signature of two sharps (F#, C#) and a common time signature (C). It contains nine measures of music, each with a number below it (10-18). Each measure contains a pair of notes: a whole note in the upper voice and a half note in the lower voice. The notes are: 10 (G4, D5), 11 (G4, E5), 12 (G4, F5), 13 (G4, G5), 14 (G4, A5), 15 (G4, B5), 16 (G4, C6), 17 (G4, D6), 18 (G4, E6).

D

Musical staff for chord D drill. The staff is in treble clef with a key signature of two sharps (F#, C#) and a common time signature (C). It contains nine measures of music, each with a number below it (19-27). Each measure contains a pair of notes: a whole note in the upper voice and a half note in the lower voice. The notes are: 19 (D4, A4), 20 (D4, B4), 21 (D4, C5), 22 (D4, D5), 23 (D4, E5), 24 (D4, F5), 25 (D4, G5), 26 (D4, A5), 27 (D4, B5).

A

Musical staff for chord A drill. The staff is in treble clef with a key signature of three sharps (F#, C#, G#) and a common time signature (C). It contains nine measures of music, each with a number below it (28-36). Each measure contains a pair of notes: a whole note in the upper voice and a half note in the lower voice. The notes are: 28 (A4, E5), 29 (A4, F5), 30 (A4, G5), 31 (A4, A5), 32 (A4, B5), 33 (A4, C6), 34 (A4, D6), 35 (A4, E6), 36 (A4, F6).

E

Musical staff for chord E drill. The staff is in treble clef with a key signature of three sharps (F#, C#, G#) and a common time signature (C). It contains nine measures of music, each with a number below it (37-45). Each measure contains a pair of notes: a whole note in the upper voice and a half note in the lower voice. The notes are: 37 (E4, B4), 38 (E4, C5), 39 (E4, D5), 40 (E4, E5), 41 (E4, F5), 42 (E4, G5), 43 (E4, A5), 44 (E4, B5), 45 (E4, C6).

B

Musical staff for chord B drill. The staff is in treble clef with a key signature of two sharps (F#, C#) and a common time signature (C). It contains nine measures of music, each with a number below it (46-54). Each measure contains a pair of notes: a whole note in the upper voice and a half note in the lower voice. The notes are: 46 (B4, F5), 47 (B4, G5), 48 (B4, A5), 49 (B4, B5), 50 (B4, C6), 51 (B4, D6), 52 (B4, E6), 53 (B4, F6), 54 (B4, G6).

CHORD PITCH DRILL

Gb

Musical staff for Gb chord drill, measures 55-63. The staff is in treble clef with a key signature of two flats (Bb, Eb). The notes are: 55 (Bb, Eb), 56 (Bb, Eb, Gb), 57 (Bb, Eb), 58 (Bb, Eb), 59 (Bb, Eb, Gb, Bb), 60 (Bb, Eb), 61 (Bb, Eb), 62 (Bb, Eb), 63 (Bb, Eb, Gb).

Db

Musical staff for Db chord drill, measures 64-72. The staff is in treble clef with a key signature of three flats (Bb, Eb, Ab). The notes are: 64 (Bb, Eb, Ab), 65 (Bb, Eb, Ab), 66 (Bb, Eb, Ab), 67 (Bb, Eb, Ab), 68 (Bb, Eb, Ab, Bb), 69 (Bb, Eb, Ab), 70 (Bb, Eb, Ab), 71 (Bb, Eb, Ab), 72 (Bb, Eb, Ab).

Ab

Musical staff for Ab chord drill, measures 73-81. The staff is in treble clef with a key signature of three flats (Bb, Eb, Ab). The notes are: 73 (Bb, Eb, Ab), 74 (Bb, Eb, Ab), 75 (Bb, Eb, Ab), 76 (Bb, Eb, Ab), 77 (Bb, Eb, Ab, Bb), 78 (Bb, Eb, Ab), 79 (Bb, Eb, Ab), 80 (Bb, Eb, Ab), 81 (Bb, Eb, Ab).

Eb

Musical staff for Eb chord drill, measures 82-90. The staff is in treble clef with a key signature of three flats (Bb, Eb, Ab). The notes are: 82 (Bb, Eb, Ab), 83 (Bb, Eb, Ab), 84 (Bb, Eb, Ab), 85 (Bb, Eb, Ab), 86 (Bb, Eb, Ab, Bb), 87 (Bb, Eb, Ab), 88 (Bb, Eb, Ab), 89 (Bb, Eb, Ab), 90 (Bb, Eb, Ab).

Bb

Musical staff for Bb chord drill, measures 91-99. The staff is in treble clef with a key signature of two flats (Bb, Eb). The notes are: 91 (Bb, Eb), 92 (Bb, Eb), 93 (Bb, Eb), 94 (Bb, Eb), 95 (Bb, Eb, Gb), 96 (Bb, Eb), 97 (Bb, Eb), 98 (Bb, Eb), 99 (Bb, Eb, Gb).

F

Musical staff for F chord drill, measures 100-108. The staff is in treble clef with a key signature of one sharp (F#). The notes are: 100 (F, C), 101 (F, C), 102 (F, C), 103 (F, C), 104 (F, C, G), 105 (F, C), 106 (F, C), 107 (F, C, G), 108 (F, C, G).

Treble Clef **MAJOR SCALES AND ARPEGGIOS**

This musical score contains six systems, each representing a major scale and its corresponding arpeggio in the treble clef. Each system is numbered and includes a key signature label above the staff.

- 1.** C Major (C): The scale is written in C major. The arpeggio is a C major triad (C-E-G).
- 2.** C Sharp Major (C Sharp): The scale is written in C# major. The arpeggio is a C# major triad (C#-E#-G#).
- 2A.** D Flat Major (D Flat): The scale is written in Db major. The arpeggio is a Db major triad (Db-F-A).
- 3.** D Major (D): The scale is written in D major. The arpeggio is a D major triad (D-F#-A).
- 4.** E Flat Major (E Flat): The scale is written in Eb major. The arpeggio is an Eb major triad (Eb-G-Bb).
- 5.** E Major (E): The scale is written in E major. The arpeggio is an E major triad (E-G#-B).
- 6.** F Major (F): The scale is written in F major. The arpeggio is an F major triad (F-A-C).

Each system consists of two staves. The first staff shows the scale with a treble clef and a common time signature (C). The second staff shows the arpeggio, also with a treble clef and common time signature. The scales are written in eighth notes, and the arpeggios are written in quarter notes. The arpeggios are marked with a '3' above and below the notes, indicating a triplet.

7. **F Sharp**

Musical notation for F Sharp major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

7A. **G Flat**

Musical notation for G Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

8. **G**

Musical notation for G major scale and arpeggio. The scale is written in treble clef with a key signature of one sharp (F#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

9. **A Flat**

Musical notation for A Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

10. **A**

Musical notation for A major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

11. **B Flat**

Musical notation for B Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

12. **B**

Musical notation for B major scale and arpeggio. The scale is written in treble clef with a key signature of four sharps (F#, C#, G#, D#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

Bb Treble Clef

RANGE BUILDERS

Play as many measures as possible.

Staff 1: Measures 1 and 2. Measure 1 contains a whole note chord with notes G4, Bb4, and D5. Measure 2 contains a whole note chord with notes Bb4, D5, and F5. A slur spans both measures. A dynamic hairpin is below the staff.

Staff 2: Measures 3 and 4. Measure 3 contains a whole note chord with notes Bb4, D5, and F5. Measure 4 contains a whole note chord with notes D5, F5, and Ab5. A slur spans both measures. A dynamic hairpin is below the staff.

Staff 3: Measures 5 and 6. Measure 5 contains a whole note chord with notes Bb4, D5, and F5. Measure 6 contains a whole note chord with notes D5, F5, and Ab5. A slur spans both measures. A dynamic hairpin is below the staff.

Staff 4: Measures 7 and 8. Measure 7 contains a whole note chord with notes D5, F5, and Ab5. Measure 8 contains a whole note chord with notes F5, Ab5, and Bb5. A slur spans both measures. A dynamic hairpin is below the staff.

Staff 5: Measures 9 and 10. Measure 9 contains a whole note chord with notes D5, F5, and Ab5. Measure 10 contains a whole note chord with notes F5, Ab5, and Bb5. A slur spans both measures. A dynamic hairpin is below the staff.

Staff 6: Measures 11 and 12. Measure 11 contains a whole note chord with notes F5, Ab5, and Bb5. Measure 12 contains a whole note chord with notes Ab5, Bb5, and D6. A slur spans both measures. A dynamic hairpin is below the staff.

Staff 7: Measures 13 and 14. Measure 13 contains a whole note chord with notes Ab5, Bb5, and D6. Measure 14 contains a whole note chord with notes Bb5, D6, and F6. A slur spans both measures. A dynamic hairpin is below the staff.

Staff 8: Measures 15 and 16. Measure 15 contains a whole note chord with notes Bb5, D6, and F6. Measure 16 contains a whole note chord with notes D6, F6, and Ab6. A slur spans both measures. A dynamic hairpin is below the staff.

Staff 9: Measures 17 and 18. Measure 17 contains a whole note chord with notes Bb5, D6, and F6. Measure 18 contains a whole note chord with notes D6, F6, and Ab6. A slur spans both measures. A dynamic hairpin is below the staff.

Staff 10: Measures 19 and 20. Measure 19 contains a whole note chord with notes D6, F6, and Ab6. Measure 20 contains a whole note chord with notes F6, Ab6, and Bb6. A slur spans both measures. A dynamic hairpin is below the staff.

Staff 11: Measures 21 and 22. Measure 21 contains a whole note chord with notes D6, F6, and Ab6. Measure 22 contains a whole note chord with notes F6, Ab6, and Bb6. A slur spans both measures. A dynamic hairpin is below the staff.

Staff 12: Measures 23 and 24. Measure 23 contains a whole note chord with notes F6, Ab6, and Bb6. Measure 24 contains a whole note chord with notes Ab6, Bb6, and D7. A slur spans both measures. A dynamic hairpin is below the staff.

TROMBONES/BARITONE B.C.

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

Bass Clef

TONE BUILDERS

1

Exercise 1 consists of two staves of music in bass clef, 2/4 time, with a key signature of one flat (Bb). The first staff contains measures 1 through 6, and the second staff contains measures 7 through 12. Each measure features a half note with a slur underneath, and a whole note chord is written below the staff. The chords are: 1. Bb2, 2. Bb3, 3. Bb4, 4. Bb5, 5. Bb6, 6. Bb7, 7. Bb8, 8. Bb9, 9. Bb10, 10. Bb11, 11. Bb12, 12. Bb13.

2

Exercise 2 consists of two staves of music in bass clef, 2/4 time, with a key signature of one flat (Bb). The first staff contains measures 13 through 19, and the second staff contains measures 20 through 26. Each measure features a half note with a slur underneath, and a whole note chord is written below the staff. The chords are: 13. Bb2, 14. Bb3, 15. Bb4, 16. Bb5, 17. Bb6, 18. Bb7, 19. Bb8, 20. Bb9, 21. Bb10, 22. Bb11, 23. Bb12, 24. Bb13, 25. Bb14, 26. Bb15.

3

Exercise 3 consists of three staves of music in bass clef, 2/4 time, with a key signature of one flat (Bb). The first staff contains measures 27 through 33, the second staff contains measures 34 through 40, and the third staff contains measures 41 through 47. Each measure features a half note with a slur underneath, and a whole note chord is written below the staff. The chords are: 27. Bb2, 28. Bb3, 29. Bb4, 30. Bb5, 31. Bb6, 32. Bb7, 33. Bb8, 34. Bb9, 35. Bb10, 36. Bb11, 37. Bb12, 38. Bb13, 39. Bb14, 40. Bb15, 41. Bb16, 42. Bb17, 43. Bb18, 44. Bb19, 45. Bb20, 46. Bb21, 47. Bb22.

Bass Clef

INTERVALS

An interval is the space between two notes

1

unison minor second major second minor third

1 2 3 4

major third perfect fourth augmented fourth perfect fifth

5 6 7 8

augmented fifth major sixth minor seventh major seventh octave

9 10 11 12 13

MAJOR SCALE INTERVALS

2

unison major second major third perfect fourth

14 15 16 17

perfect fifth major sixth major seventh octave

18 19 20 21

MAJOR SCALE DEGREES

3

22 23 24 25 26 27 28 29

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4

Major Minor Seventh Diminished Augmented

30 31 32 33 34

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

Trombones

CHORD PITCH DRILL

Page 1

each pitch functions as 1,3,5 and 7 in a chord.

C

1 2 3 4 5 6 7 8 9

This musical staff is in bass clef with a common time signature. It contains nine measures. Measures 1, 2, 3, 5, 6, 7, 8, and 9 show various voicings of the C major triad (C-E-G) and its inversions. Measure 4 shows a C major chord with a flat sign above the staff, indicating a key signature change to one flat.

G

10 11 12 13 14 15 16 17 18

This musical staff is in bass clef with a key signature of one sharp (F#). It contains nine measures. Measures 10, 11, 12, 14, 15, 16, 17, and 18 show various voicings of the G major triad (G-B-D) and its inversions. Measure 13 shows a G major chord with a flat sign above the staff, indicating a key signature change to one flat.

D

19 20 21 22 23 24 25 26 27

This musical staff is in bass clef with a key signature of two sharps (F#, C#). It contains nine measures. Measures 19, 20, 21, 23, 24, 25, 26, and 27 show various voicings of the D major triad (D-F#-A) and its inversions. Measure 22 shows a D major chord with a flat sign above the staff, indicating a key signature change to one flat.

A

28 29 30 31 32 33 34 35 36

This musical staff is in bass clef with a key signature of three sharps (F#, C#, G#). It contains nine measures. Measures 28, 29, 30, 32, 33, 34, 35, and 36 show various voicings of the A major triad (A-C#-E) and its inversions. Measure 31 shows an A major chord with a flat sign above the staff, indicating a key signature change to one flat.

E

37 38 39 40 41 42 43 44 45

This musical staff is in bass clef with a key signature of four sharps (F#, C#, G#, D#). It contains nine measures. Measures 37, 38, 39, 41, 42, 43, 44, and 45 show various voicings of the E major triad (E-G#-B) and its inversions. Measure 40 shows an E major chord with a flat sign above the staff, indicating a key signature change to one flat.

B

46 47 48 49 50 51 52 53 54

This musical staff is in bass clef with a key signature of five sharps (F#, C#, G#, D#, A#). It contains nine measures. Measures 46, 47, 48, 50, 51, 52, 53, and 54 show various voicings of the B major triad (B-D#-F#) and its inversions. Measure 49 shows a B major chord with a flat sign above the staff, indicating a key signature change to one flat.

CHORD PITCH DRILL

Gb

Musical staff for Gb chord drill, measures 55-63. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 55 (Bb), 56 (Bb, Eb), 57 (Bb), 58 (Bb, Eb, Gb), 59 (Bb, Eb), 60 (Bb, Eb), 61 (Bb), 62 (Bb, Eb, Gb), 63 (Bb, Eb).

Db

Musical staff for Db chord drill, measures 64-72. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 64 (Db), 65 (Db, Fb), 66 (Db), 67 (Db, Fb, Ab), 68 (Db, Fb), 69 (Db, Fb), 70 (Db), 71 (Db, Fb, Ab), 72 (Db, Fb).

Ab

Musical staff for Ab chord drill, measures 73-81. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 73 (Ab), 74 (Ab, Cb), 75 (Ab), 76 (Ab, Cb, Eb), 77 (Ab, Cb), 78 (Ab, Cb), 79 (Ab), 80 (Ab, Cb, Eb), 81 (Ab, Cb).

Eb

Musical staff for Eb chord drill, measures 82-90. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 82 (Eb), 83 (Eb, Gb), 84 (Eb), 85 (Eb, Gb, Bb), 86 (Eb, Gb), 87 (Eb, Gb), 88 (Eb), 89 (Eb, Gb, Bb), 90 (Eb, Gb).

Bb

Musical staff for Bb chord drill, measures 91-99. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 91 (Bb), 92 (Bb, D), 93 (Bb), 94 (Bb, D, F), 95 (Bb, D), 96 (Bb, D), 97 (Bb), 98 (Bb, D, F), 99 (Bb, D).

F

Musical staff for F chord drill, measures 100-108. The staff is in bass clef with a key signature of one flat (Bb). The notes are: 100 (F), 101 (F, Ab), 102 (F), 103 (F, Ab, C), 104 (F, Ab), 105 (F, Ab), 106 (F), 107 (F, Ab, C), 108 (F, Ab).

Bass Clef

MAJOR SCALES AND ARPEGGIOS

1. **C**

This block shows the C major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is C major (no sharps or flats). The time signature is common time (C). The scale starts on middle C (C4) and ends on the C below (C3). The arpeggio starts on the C below (C3) and ends on the C above (C5).

2. **C Sharp**

This block shows the C Sharp major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is C Sharp major (two sharps: F# and C#). The time signature is common time (C). The scale starts on C#4 and ends on the C# below (C#3). The arpeggio starts on the C# below (C#3) and ends on the C# above (C#5).

2A. **D Flat**

This block shows the D Flat major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is D Flat major (two flats: Bb and Eb). The time signature is common time (C). The scale starts on Db4 and ends on the Db below (Db3). The arpeggio starts on the Db below (Db3) and ends on the Db above (Db5).

3. **D**

This block shows the D major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is D major (two sharps: F# and C#). The time signature is common time (C). The scale starts on D4 and ends on the D below (D3). The arpeggio starts on the D below (D3) and ends on the D above (D5).

4. **E Flat**

This block shows the E Flat major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is E Flat major (three flats: Bb, Eb, and Ab). The time signature is common time (C). The scale starts on Eb4 and ends on the Eb below (Eb3). The arpeggio starts on the Eb below (Eb3) and ends on the Eb above (Eb5).

5. **E**

This block shows the E major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is E major (three sharps: F#, C#, and G#). The time signature is common time (C). The scale starts on E4 and ends on the E below (E3). The arpeggio starts on the E below (E3) and ends on the E above (E5).

6. **F**

This block shows the F major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both in eighth notes. The key signature is F major (one flat: Bb). The time signature is common time (C). The scale starts on F4 and ends on the F below (F3). The arpeggio starts on the F below (F3) and ends on the F above (F5).

7. **F Sharp**

This block contains the musical notation for the F Sharp major scale and arpeggio. The scale is written in bass clef with a key signature of two sharps (F# and C#). It consists of two parts: a scale exercise and an arpeggio exercise. The scale exercise is divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio exercise is also divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio is marked with a '3' above the notes, indicating a triplet.

7A. **G Flat**

This block contains the musical notation for the G Flat major scale and arpeggio. The scale is written in bass clef with a key signature of two flats (Bb and Eb). It consists of two parts: a scale exercise and an arpeggio exercise. The scale exercise is divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio exercise is also divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio is marked with a '3' above the notes, indicating a triplet.

8. **G**

This block contains the musical notation for the G major scale and arpeggio. The scale is written in bass clef with a key signature of one sharp (F#). It consists of two parts: a scale exercise and an arpeggio exercise. The scale exercise is divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio exercise is also divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio is marked with a '3' above the notes, indicating a triplet.

9. **A Flat**

This block contains the musical notation for the A Flat major scale and arpeggio. The scale is written in bass clef with a key signature of two flats (Bb and Eb). It consists of two parts: a scale exercise and an arpeggio exercise. The scale exercise is divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio exercise is also divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio is marked with a '3' above the notes, indicating a triplet.

10. **A**

This block contains the musical notation for the A major scale and arpeggio. The scale is written in bass clef with a key signature of three sharps (F#, C#, and G#). It consists of two parts: a scale exercise and an arpeggio exercise. The scale exercise is divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio exercise is also divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio is marked with a '3' above the notes, indicating a triplet.

11. **B Flat**

This block contains the musical notation for the B Flat major scale and arpeggio. The scale is written in bass clef with a key signature of two flats (Bb and Eb). It consists of two parts: a scale exercise and an arpeggio exercise. The scale exercise is divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio exercise is also divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio is marked with a '3' above the notes, indicating a triplet.

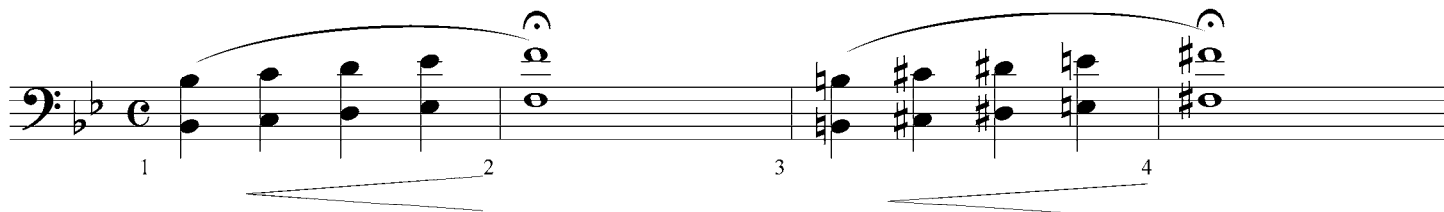
12. **B**

This block contains the musical notation for the B major scale and arpeggio. The scale is written in bass clef with a key signature of two sharps (F# and C#). It consists of two parts: a scale exercise and an arpeggio exercise. The scale exercise is divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio exercise is also divided into two measures, each containing an ascending and a descending line of eighth notes. The arpeggio is marked with a '3' above the notes, indicating a triplet.

Bass Clef

RANGE BUILDERS

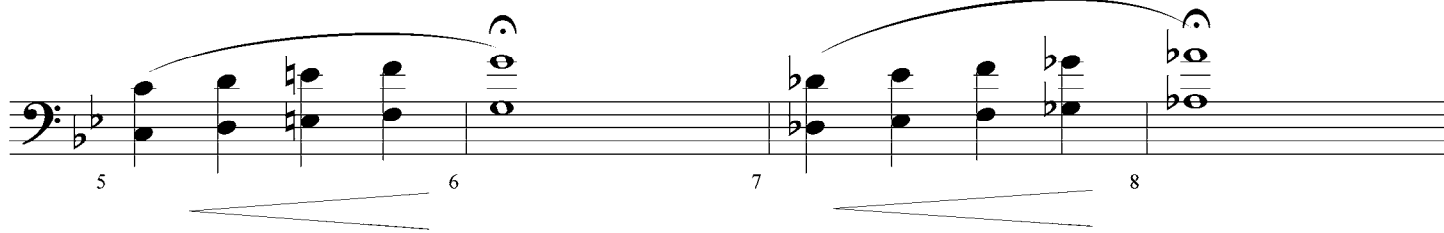
Play as many measures as possible.



1 2

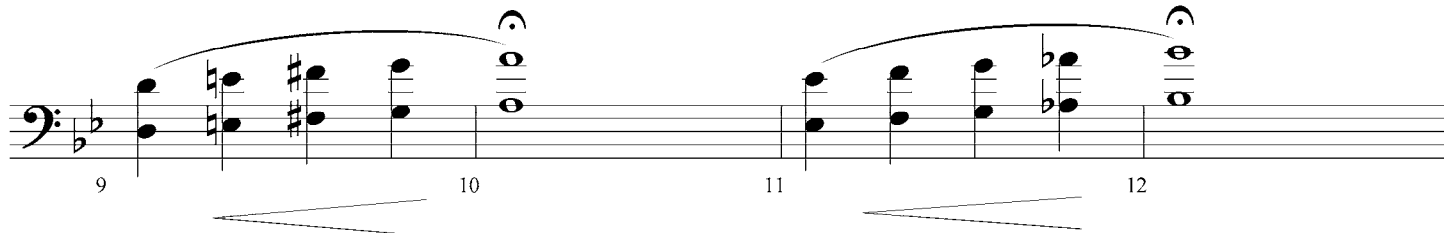
3 4

Two musical staves in bass clef, 2/4 time. The first staff contains measures 1 and 2, and the second staff contains measures 3 and 4. Each measure is a half note chord. Measures 1 and 2 are in the lower register, while measures 3 and 4 are in the higher register. A double-headed arrow indicates the range between the first and second staves.



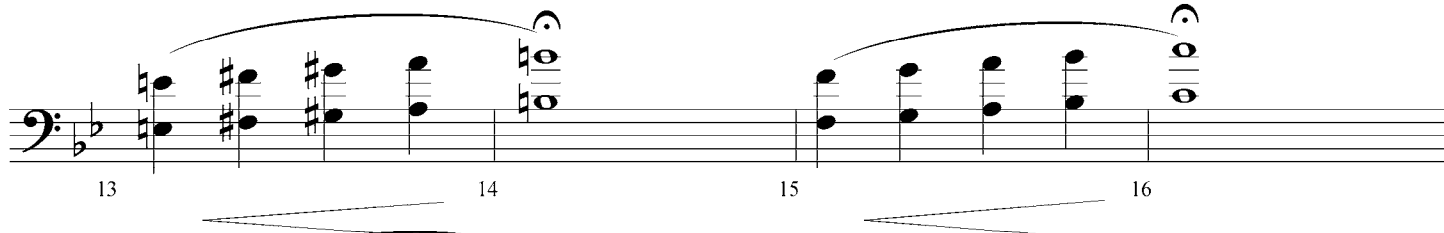
5 6 7 8

Two musical staves in bass clef, 2/4 time. The first staff contains measures 5 and 6, and the second staff contains measures 7 and 8. Each measure is a half note chord. Measures 5 and 6 are in the lower register, while measures 7 and 8 are in the higher register. A double-headed arrow indicates the range between the first and second staves.



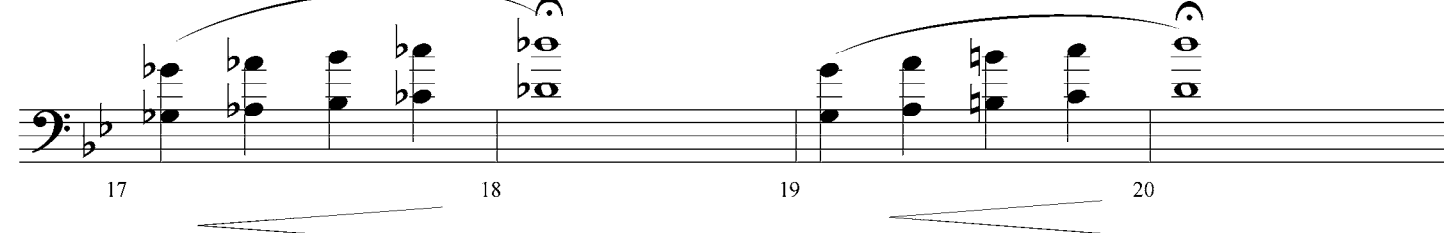
9 10 11 12

Two musical staves in bass clef, 2/4 time. The first staff contains measures 9 and 10, and the second staff contains measures 11 and 12. Each measure is a half note chord. Measures 9 and 10 are in the lower register, while measures 11 and 12 are in the higher register. A double-headed arrow indicates the range between the first and second staves.



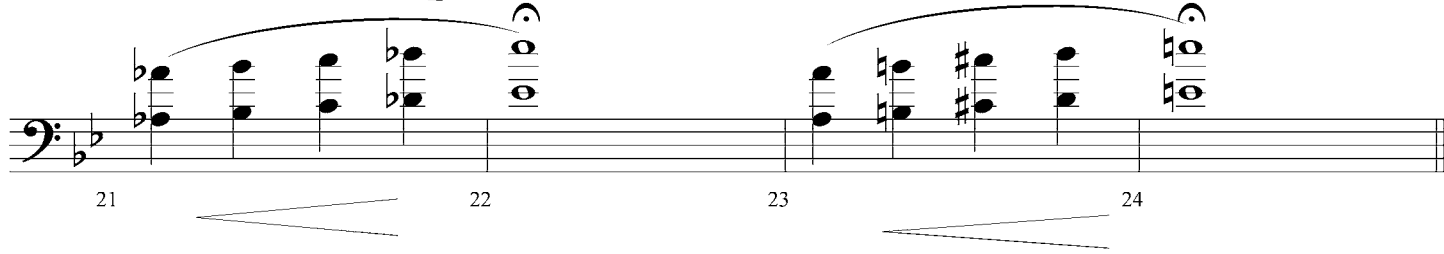
13 14 15 16

Two musical staves in bass clef, 2/4 time. The first staff contains measures 13 and 14, and the second staff contains measures 15 and 16. Each measure is a half note chord. Measures 13 and 14 are in the lower register, while measures 15 and 16 are in the higher register. A double-headed arrow indicates the range between the first and second staves.



17 18 19 20

Two musical staves in bass clef, 2/4 time. The first staff contains measures 17 and 18, and the second staff contains measures 19 and 20. Each measure is a half note chord. Measures 17 and 18 are in the lower register, while measures 19 and 20 are in the higher register. A double-headed arrow indicates the range between the first and second staves.



21 22 23 24

Two musical staves in bass clef, 2/4 time. The first staff contains measures 21 and 22, and the second staff contains measures 23 and 24. Each measure is a half note chord. Measures 21 and 22 are in the lower register, while measures 23 and 24 are in the higher register. A double-headed arrow indicates the range between the first and second staves.

BASS/TUBA

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

Bass Clef

TONE BUILDERS

1

Exercise 1 consists of two staves of music in bass clef, 3/4 time, with a key signature of two flats (Bb and Eb). The first staff contains measures 1 through 6, and the second staff contains measures 7 through 12. Each measure features a half note with a slur above it, and a whole note chord below it. The chords are: 1. Bb2, Eb3; 2. Bb2, Eb3, Gb4; 3. Bb2, Eb3, Ab4; 4. Bb2, Eb3, Ab4, Db5; 5. Bb2, Eb3, Gb4; 6. Bb2, Eb3, Gb4, Ab4; 7. Bb2, Eb3, Gb4, Ab4; 8. Bb2, Eb3, Gb4, Ab4, Db5; 9. Bb2, Eb3, Gb4; 10. Bb2, Eb3, Gb4, Ab4; 11. Bb2, Eb3, Gb4; 12. Bb2, Eb3, Gb4, Ab4, Db5.

2

Exercise 2 consists of two staves of music in bass clef, 3/4 time, with a key signature of two flats. The first staff contains measures 13 through 19, and the second staff contains measures 20 through 26. Each measure features a half note with a slur above it, and a whole note chord below it. The chords are: 13. Bb2, Eb3; 14. Bb2, Eb3, Gb4; 15. Bb2, Eb3, Gb4, Ab4; 16. Bb2, Eb3, Gb4, Ab4, Db5; 17. Bb2, Eb3, Gb4, Ab4; 18. Bb2, Eb3, Gb4, Ab4, Db5; 19. Bb2, Eb3, Gb4, Ab4; 20. Bb2, Eb3, Gb4, Ab4; 21. Bb2, Eb3, Gb4, Ab4, Db5; 22. Bb2, Eb3, Gb4, Ab4, Db5, Fb6; 23. Bb2, Eb3, Gb4, Ab4; 24. Bb2, Eb3, Gb4, Ab4, Db5; 25. Bb2, Eb3, Gb4, Ab4, Db5, Fb6; 26. Bb2, Eb3, Gb4, Ab4, Db5, Fb6.

3

Exercise 3 consists of three staves of music in bass clef, 3/4 time, with a key signature of two flats. The first staff contains measures 27 through 33, the second staff contains measures 34 through 40, and the third staff contains measures 41 through 47. Each measure features a half note with a slur above it, and a whole note chord below it. The chords are: 27. Bb2, Eb3, Gb4, Ab4; 28. Bb2, Eb3, Gb4, Ab4, Db5; 29. Bb2, Eb3, Gb4, Ab4, Db5, Fb6; 30. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4; 31. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5; 32. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6; 33. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5; 34. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5; 35. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6; 36. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4; 37. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5; 38. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6; 39. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4; 40. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5; 41. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5; 42. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5; 43. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6; 44. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5; 45. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4; 46. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5; 47. Bb2, Eb3, Gb4, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5, Fb6, Ab4, Db5.

Bass Clef

INTERVALS

An interval is the space between two notes

1 unison minor second major second minor third

1 2 3 4

major third perfect fourth augmented fourth perfect fifth

5 6 7 8

augmented fifth major sixth minor seventh major seventh octave

9 10 11 12 13

MAJOR SCALE INTERVALS

2 unison major second major third perfect fourth

14 15 16 17

perfect fifth major sixth major seventh octave

18 19 20 21

MAJOR SCALE DEGREES

3

22 23 24 25 26 27 28 29

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4 Major Minor Seventh Diminished Augmented

30 31 32 33 34

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

Bass
Tuba

CHORD PITCH DRILL

Page 1

each pitch functions as 1,3,5 and 7 in a chord.

C

Musical notation for the C major chord drill. The staff is in bass clef with a common time signature. It contains nine measures. Measure 1 has a whole note C2. Measure 2 has a whole note C3. Measure 3 has a whole note C4. Measure 4 has a whole note C5. Measure 5 has a whole note C6. Measure 6 has a whole note C7. Measure 7 has a whole note C8. Measure 8 has a whole note C9. Measure 9 has a whole note C10. Below the staff, a sequence of notes is shown: 1 (C2), 2 (C3), 3 (C4), 4 (C5), 5 (C6), 6 (C7), 7 (C8), 8 (C9), 9 (C10). Each note has a horizontal line above it.

G

Musical notation for the G major chord drill. The staff is in bass clef with a key signature of one sharp (F#). It contains nine measures. Measure 10 has a whole note G2. Measure 11 has a whole note G3. Measure 12 has a whole note G4. Measure 13 has a whole note G5. Measure 14 has a whole note G6. Measure 15 has a whole note G7. Measure 16 has a whole note G8. Measure 17 has a whole note G9. Measure 18 has a whole note G10. Below the staff, a sequence of notes is shown: 10 (G2), 11 (G3), 12 (G4), 13 (G5), 14 (G6), 15 (G7), 16 (G8), 17 (G9), 18 (G10). Each note has a horizontal line above it.

D

Musical notation for the D major chord drill. The staff is in bass clef with a key signature of two sharps (F#, C#). It contains nine measures. Measure 19 has a whole note D2. Measure 20 has a whole note D3. Measure 21 has a whole note D4. Measure 22 has a whole note D5. Measure 23 has a whole note D6. Measure 24 has a whole note D7. Measure 25 has a whole note D8. Measure 26 has a whole note D9. Measure 27 has a whole note D10. Below the staff, a sequence of notes is shown: 19 (D2), 20 (D3), 21 (D4), 22 (D5), 23 (D6), 24 (D7), 25 (D8), 26 (D9), 27 (D10). Each note has a horizontal line above it.

A

Musical notation for the A major chord drill. The staff is in bass clef with a key signature of three sharps (F#, C#, G#). It contains nine measures. Measure 28 has a whole note A2. Measure 29 has a whole note A3. Measure 30 has a whole note A4. Measure 31 has a whole note A5. Measure 32 has a whole note A6. Measure 33 has a whole note A7. Measure 34 has a whole note A8. Measure 35 has a whole note A9. Measure 36 has a whole note A10. Below the staff, a sequence of notes is shown: 28 (A2), 29 (A3), 30 (A4), 31 (A5), 32 (A6), 33 (A7), 34 (A8), 35 (A9), 36 (A10). Each note has a horizontal line above it.

E

Musical notation for the E major chord drill. The staff is in bass clef with a key signature of four sharps (F#, C#, G#, D#). It contains nine measures. Measure 37 has a whole note E2. Measure 38 has a whole note E3. Measure 39 has a whole note E4. Measure 40 has a whole note E5. Measure 41 has a whole note E6. Measure 42 has a whole note E7. Measure 43 has a whole note E8. Measure 44 has a whole note E9. Measure 45 has a whole note E10. Below the staff, a sequence of notes is shown: 37 (E2), 38 (E3), 39 (E4), 40 (E5), 41 (E6), 42 (E7), 43 (E8), 44 (E9), 45 (E10). Each note has a horizontal line above it.

B

Musical notation for the B major chord drill. The staff is in bass clef with a key signature of five sharps (F#, C#, G#, D#, A#). It contains eight measures. Measure 46 has a whole note B2. Measure 47 has a whole note B3. Measure 48 has a whole note B4. Measure 49 has a whole note B5. Measure 50 has a whole note B6. Measure 51 has a whole note B7. Measure 52 has a whole note B8. Measure 53 has a whole note B9. Measure 54 has a whole note B10. Below the staff, a sequence of notes is shown: 46 (B2), 47 (B3), 48 (B4), 49 (B5), 50 (B6), 51 (B7), 52 (B8), 53 (B9), 54 (B10). Each note has a horizontal line above it.

Bass
Tuba

CHORD PITCH DRILL

Page 2

G_b

Musical notation for the G_b chord drill, measures 55-63. The notation is in bass clef with a key signature of two flats (B \flat and E \flat). The notes are: 55 (G \flat , B \flat), 56 (G \flat , B \flat), 57 (G \flat , B \flat), 58 (G \flat , B \flat), 59 (G \flat , B \flat), 60 (G \flat , B \flat), 61 (G \flat , B \flat), 62 (G \flat , B \flat), 63 (G \flat , B \flat).

D_b

Musical notation for the D_b chord drill, measures 64-72. The notation is in bass clef with a key signature of three flats (B \flat , E \flat , and A \flat). The notes are: 64 (D \flat , F \flat), 65 (D \flat , F \flat), 66 (D \flat , F \flat), 67 (D \flat , F \flat), 68 (D \flat , F \flat), 69 (D \flat , F \flat), 70 (D \flat , F \flat), 71 (D \flat , F \flat), 72 (D \flat , F \flat).

A_b

Musical notation for the A_b chord drill, measures 73-81. The notation is in bass clef with a key signature of four flats (B \flat , E \flat , A \flat , and D \flat). The notes are: 73 (A \flat , C \flat), 74 (A \flat , C \flat), 75 (A \flat , C \flat), 76 (A \flat , C \flat), 77 (A \flat , C \flat), 78 (A \flat , C \flat), 79 (A \flat , C \flat), 80 (A \flat , C \flat), 81 (A \flat , C \flat).

E_b

Musical notation for the E_b chord drill, measures 82-90. The notation is in bass clef with a key signature of three flats (B \flat , E \flat , and A \flat). The notes are: 82 (E \flat , G \flat), 83 (E \flat , G \flat), 84 (E \flat , G \flat), 85 (E \flat , G \flat), 86 (E \flat , G \flat), 87 (E \flat , G \flat), 88 (E \flat , G \flat), 89 (E \flat , G \flat), 90 (E \flat , G \flat).

B_b

Musical notation for the B_b chord drill, measures 91-99. The notation is in bass clef with a key signature of two flats (B \flat and E \flat). The notes are: 91 (B \flat , D \flat), 92 (B \flat , D \flat), 93 (B \flat , D \flat), 94 (B \flat , D \flat), 95 (B \flat , D \flat), 96 (B \flat , D \flat), 97 (B \flat , D \flat), 98 (B \flat , D \flat), 99 (B \flat , D \flat).

F

Musical notation for the F chord drill, measures 100-108. The notation is in bass clef with a key signature of one flat (B \flat). The notes are: 100 (F, A \flat), 101 (F, A \flat), 102 (F, A \flat), 103 (F, A \flat), 104 (F, A \flat), 105 (F, A \flat), 106 (F, A \flat), 107 (F, A \flat), 108 (F, A \flat).

Bass Clef

MAJOR SCALES AND ARPEGGIOS

1. **C**

The first exercise is for the C major scale. It consists of two staves. The top staff shows the scale from C2 to C4, with the right hand playing eighth notes and the left hand playing quarter notes. The bottom staff shows the C major arpeggio, starting with a whole note C2, followed by eighth notes C3-E3-G3, and ending with a whole note C4. Triplet markings are present over the eighth notes in the arpeggio.

2. **C Sharp**

The second exercise is for the C major scale with one sharp (C#). It consists of two staves. The top staff shows the scale from C#2 to C#4, with the right hand playing eighth notes and the left hand playing quarter notes. The bottom staff shows the C# major arpeggio, starting with a whole note C#2, followed by eighth notes C#3-E#3-G#3, and ending with a whole note C#4. Triplet markings are present over the eighth notes in the arpeggio.

2A. **D Flat**

The third exercise is for the D major scale with two flats (D#). It consists of two staves. The top staff shows the scale from D#2 to D#4, with the right hand playing eighth notes and the left hand playing quarter notes. The bottom staff shows the D# major arpeggio, starting with a whole note D#2, followed by eighth notes D#3-F#3-A#3, and ending with a whole note D#4. Triplet markings are present over the eighth notes in the arpeggio.

3. **D**

The fourth exercise is for the D major scale with two sharps (D). It consists of two staves. The top staff shows the scale from D2 to D4, with the right hand playing eighth notes and the left hand playing quarter notes. The bottom staff shows the D major arpeggio, starting with a whole note D2, followed by eighth notes D3-F#3-A3, and ending with a whole note D4. Triplet markings are present over the eighth notes in the arpeggio.

E Flat

4.

Exercise 4: E Flat major scale and arpeggio in bass clef. The first staff shows the scale ascending and descending. The second staff shows the arpeggio (E-flat, G-flat, B-flat) and its inversion (B-flat, E-flat, G-flat), with triplets of eighth notes.

E

5.

Exercise 5: E major scale and arpeggio in bass clef. The first staff shows the scale ascending and descending. The second staff shows the arpeggio (E, G, B) and its inversion (B, E, G), with triplets of eighth notes.

F

6.

Exercise 6: F major scale and arpeggio in bass clef. The first staff shows the scale ascending and descending. The second staff shows the arpeggio (F, A, C) and its inversion (C, F, A), with triplets of eighth notes.

F Sharp

7.

Exercise 7: F Sharp major scale and arpeggio in bass clef. The first staff shows the scale ascending and descending. The second staff shows the arpeggio (F-sharp, A, C-sharp) and its inversion (C-sharp, F-sharp, A), with triplets of eighth notes.

7A. **G Flat**

Musical notation for exercise 7A, G Flat major scale, first line. The staff is in bass clef with a key signature of three flats (Bb, Eb, Ab). The scale is written in eighth notes, ascending and then descending.

Musical notation for exercise 7A, G Flat major scale, second line. This line contains two triplet arpeggios, each marked with a '3' above the notes. The first triplet is ascending and the second is descending. The line ends with a repeat sign.

8. **G**

Musical notation for exercise 8, G major scale, first line. The staff is in bass clef with a key signature of one sharp (F#). The scale is written in eighth notes, ascending and then descending.

Musical notation for exercise 8, G major scale, second line. This line contains two triplet arpeggios, each marked with a '3' above the notes. The first triplet is ascending and the second is descending. The line ends with a repeat sign.

9. **A Flat**

Musical notation for exercise 9, A Flat major scale, first line. The staff is in bass clef with a key signature of two flats (Bb, Eb). The scale is written in eighth notes, ascending and then descending.

Musical notation for exercise 9, A Flat major scale, second line. This line contains two triplet arpeggios, each marked with a '3' above the notes. The first triplet is ascending and the second is descending. The line ends with a repeat sign.

10. **A**

Musical notation for exercise 10, A major scale, first line. The staff is in bass clef with a key signature of three sharps (F#, C#, G#). The scale is written in eighth notes, ascending and then descending.

Musical notation for exercise 10, A major scale, second line. This line contains two triplet arpeggios, each marked with a '3' above the notes. The first triplet is ascending and the second is descending. The line ends with a repeat sign.

11. **B Flat**

12. **B**

Tuba

RANGE BUILDERS

Play as many measures as possible.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

PERCUSSION(MALLETS,TIMPANI)

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

Conductor/Keyboard **TONE BUILDERS**

1

Musical notation for exercise 1, measures 1-6. The piece is in 2/4 time with a key signature of two flats (B-flat and E-flat). The notation is written for a grand staff (treble and bass clefs). Each measure contains a pair of notes, one in the treble and one in the bass, connected by a slur. The notes are: 1. Treble: B-flat, Bass: E-flat; 2. Treble: E-flat, Bass: B-flat; 3. Treble: B-flat, Bass: E-flat; 4. Treble: E-flat, Bass: B-flat; 5. Treble: B-flat, Bass: E-flat; 6. Treble: E-flat, Bass: B-flat.

Musical notation for exercise 1, measures 7-12. The piece is in 2/4 time with a key signature of two flats (B-flat and E-flat). The notation is written for a grand staff (treble and bass clefs). Each measure contains a pair of notes, one in the treble and one in the bass, connected by a slur. The notes are: 7. Treble: B-flat, Bass: E-flat; 8. Treble: E-flat, Bass: B-flat; 9. Treble: B-flat, Bass: E-flat; 10. Treble: E-flat, Bass: B-flat; 11. Treble: B-flat, Bass: E-flat; 12. Treble: E-flat, Bass: B-flat.

2

Musical notation for exercise 2, measures 13-19. The piece is in 2/4 time with a key signature of two flats (B-flat and E-flat). The notation is written for a grand staff (treble and bass clefs). Each measure contains a pair of notes, one in the treble and one in the bass, connected by a slur. The notes are: 13. Treble: B-flat, Bass: E-flat; 14. Treble: E-flat, Bass: B-flat; 15. Treble: B-flat, Bass: E-flat; 16. Treble: E-flat, Bass: B-flat; 17. Treble: B-flat, Bass: E-flat; 18. Treble: E-flat, Bass: B-flat; 19. Treble: B-flat, Bass: E-flat.

Musical notation for exercise 2, measures 20-26. The piece is in 2/4 time with a key signature of two flats (B-flat and E-flat). The notation is written for a grand staff (treble and bass clefs). Each measure contains a pair of notes, one in the treble and one in the bass, connected by a slur. The notes are: 20. Treble: B-flat, Bass: E-flat; 21. Treble: E-flat, Bass: B-flat; 22. Treble: B-flat, Bass: E-flat; 23. Treble: E-flat, Bass: B-flat; 24. Treble: B-flat, Bass: E-flat; 25. Treble: E-flat, Bass: B-flat; 26. Treble: B-flat, Bass: E-flat.

3

27 28 29 30

31 32 33 34 35 36

37 38 39 40 41 42

43 44 45 46 47

C Treble Clef

INTERVALS

An interval is the space between two notes

1 unison minor second major second minor third

major third perfect fourth augmented fourth perfect fifth

augmented fifth major sixth minor seventh major seventh octave

MAJOR SCALE INTERVALS

2 unison major second major third perfect fourth

perfect fifth major sixth major seventh octave

MAJOR SCALE DEGREES

3

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4 Major Minor Seventh Diminished Augmented

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

Bass Clef

INTERVALS

An interval is the space between two notes

1

unison minor second major second minor third

1 2 3 4

major third perfect fourth augmented fourth perfect fifth

5 6 7 8

augmented fifth major sixth minor seventh major seventh octave

9 10 11 12 13

MAJOR SCALE INTERVALS

2

unison major second major third perfect fourth

14 15 16 17

perfect fifth major sixth major seventh octave

18 19 20 21

MAJOR SCALE DEGREES

3

22 23 24 25 26 27 28 29

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4

Major Minor Seventh Diminished Augmented

30 31 32 33 34

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

Percussion

CHORD PITCH DRILL

Page 1

concert pitch:

each pitch functions as 1,3,5 and 7 in a chord.

C

Measures 1-9: C major chord drill. Treble clef, C major key signature. Bass clef, C major key signature. Each measure contains a chord with a circled note above and a circled note below. The notes are: 1. C4, G4; 2. E4, C5; 3. F4, C5; 4. F4, Bb4; 5. G4, C5; 6. G4, C5; 7. G4, C5; 8. Ab4, C5; 9. Ab4, C5.

G

Measures 10-18: G major chord drill. Treble clef, G major key signature. Bass clef, G major key signature. Each measure contains a chord with a circled note above and a circled note below. The notes are: 10. G4, D5; 11. B4, G5; 12. A4, G5; 13. A4, Bb5; 14. B4, G5; 15. B4, G5; 16. B4, G5; 17. Bb5, G5; 18. Bb5, G5.

D

Measures 19-27: D major chord drill. Treble clef, D major key signature. Bass clef, D major key signature. Each measure contains a chord with a circled note above and a circled note below. The notes are: 19. D4, A4; 20. F#4, D5; 21. E4, D5; 22. E4, F#5; 23. F#4, D5; 24. F#4, D5; 25. F#4, D5; 26. F#5, D5; 27. F#5, D5.

A

Measures 28-36: A major chord drill. Treble clef, A major key signature. Bass clef, A major key signature. Each measure contains a chord with a circled note above and a circled note below. The notes are: 28. A4, E4; 29. C#4, A4; 30. B4, A4; 31. B4, C#5; 32. C#4, A4; 33. C#4, A4; 34. C#4, A4; 35. C#5, A4; 36. C#5, A4.

CHORD PITCH DRILL

E

Musical notation for the E major chord drill, measures 37-45. The top staff is in treble clef with a key signature of three sharps (F#, C#, G#). The bottom staff is in bass clef with the same key signature. The chord is E major. The notation shows the chord in various positions and voicings across the measures.

B

Musical notation for the B major chord drill, measures 46-54. The top staff is in treble clef with a key signature of two sharps (F#, C#). The bottom staff is in bass clef with the same key signature. The chord is B major. The notation shows the chord in various positions and voicings across the measures.

Gb

Musical notation for the Gb major chord drill, measures 55-63. The top staff is in treble clef with a key signature of two flats (Bb, Eb). The bottom staff is in bass clef with the same key signature. The chord is Gb major. The notation shows the chord in various positions and voicings across the measures.

Db

Musical notation for the Db major chord drill, measures 64-72. The top staff is in treble clef with a key signature of three flats (Bb, Eb, Ab). The bottom staff is in bass clef with the same key signature. The chord is Db major. The notation shows the chord in various positions and voicings across the measures.

CHORD PITCH DRILL

Ab

Musical notation for the Ab chord drill, measures 73-81. The top staff is in treble clef and the bottom staff is in bass clef. Both staves are in the key of Ab major. The top staff contains whole notes, and the bottom staff contains eighth notes. Measure numbers 73, 74, 75, 76, 77, 78, 79, 80, and 81 are indicated below the bottom staff.

Eb

Musical notation for the Eb chord drill, measures 82-90. The top staff is in treble clef and the bottom staff is in bass clef. Both staves are in the key of Eb major. The top staff contains whole notes, and the bottom staff contains eighth notes. Measure numbers 82, 83, 84, 85, 86, 87, 88, 89, and 90 are indicated below the bottom staff.

Bb

Musical notation for the Bb chord drill, measures 91-99. The top staff is in treble clef and the bottom staff is in bass clef. Both staves are in the key of Bb major. The top staff contains whole notes, and the bottom staff contains eighth notes. Measure numbers 91, 92, 93, 94, 95, 96, 97, 98, and 99 are indicated below the bottom staff.

F

Musical notation for the F chord drill, measures 100-108. The top staff is in treble clef and the bottom staff is in bass clef. Both staves are in the key of F major. The top staff contains whole notes, and the bottom staff contains eighth notes. Measure numbers 100, 101, 102, 103, 104, 105, 106, 107, and 108 are indicated below the bottom staff.

Treble Clef **MAJOR SCALES AND ARPEGGIOS**

This musical score contains six systems, each representing a major scale and its corresponding arpeggio in treble clef. Each system is numbered and includes a key signature label above the staff.

- 1.** C Major (C): The scale is written in treble clef with a common time signature (C). The arpeggio is a C major triad.
- 2.** C Sharp Major (C Sharp): The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The arpeggio is a C# major triad.
- 2A.** D Flat Major (D Flat): The scale is written in treble clef with a key signature of two flats (Bb, F). The arpeggio is a Db major triad.
- 3.** D Major (D): The scale is written in treble clef with a key signature of two sharps (F#, C#). The arpeggio is a D major triad.
- 4.** E Flat Major (E Flat): The scale is written in treble clef with a key signature of three flats (Bbb, F, C). The arpeggio is an Eb major triad.
- 5.** E Major (E): The scale is written in treble clef with a key signature of four sharps (F#, C#, G#, D#). The arpeggio is an E major triad.
- 6.** F Major (F): The scale is written in treble clef with a key signature of one flat (Bb). The arpeggio is an F major triad.

Each system consists of two staves of music. The first staff shows the scale ascending and then descending. The second staff shows the arpeggio, which is a triad of notes from the scale, played in an ascending and then descending sequence. The notes are beamed together, and the number '3' is written above and below the notes to indicate a triplet. The piece concludes with a double bar line and repeat dots.

7. **F Sharp**

Musical notation for F Sharp major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

7A. **G Flat**

Musical notation for G Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

8. **G**

Musical notation for G major scale and arpeggio. The scale is written in treble clef with a key signature of one sharp (F#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

9. **A Flat**

Musical notation for A Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

10. **A**

Musical notation for A major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

11. **B Flat**

Musical notation for B Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

12. **B**

Musical notation for B major scale and arpeggio. The scale is written in treble clef with a key signature of four sharps (F#, C#, G#, D#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

Bass Clef

MAJOR SCALES AND ARPEGGIOS

1. **C**

This block shows the C major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also written in two parts: an ascending line and a descending line, both in eighth notes. The key signature has no sharps or flats. The time signature is common time (C). The piece ends with a double bar line and repeat dots.

2. **C Sharp**

This block shows the C sharp major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also written in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two sharps (F# and C#). The time signature is common time (C). The piece ends with a double bar line and repeat dots.

2A. **D Flat**

This block shows the D flat major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also written in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two flats (Bb and Eb). The time signature is common time (C). The piece ends with a double bar line and repeat dots.

3. **D**

This block shows the D major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also written in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two sharps (F# and C#). The time signature is common time (C). The piece ends with a double bar line and repeat dots.

4. **E Flat**

This block shows the E flat major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also written in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two flats (Bb and Eb). The time signature is common time (C). The piece ends with a double bar line and repeat dots.

5. **E**

This block shows the E major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also written in two parts: an ascending line and a descending line, both in eighth notes. The key signature has three sharps (F#, C#, and G#). The time signature is common time (C). The piece ends with a double bar line and repeat dots.

6. **F**

This block shows the F major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also written in two parts: an ascending line and a descending line, both in eighth notes. The key signature has one flat (Bb). The time signature is common time (C). The piece ends with a double bar line and repeat dots.

7. **F Sharp**

This block contains the musical notation for the F Sharp major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has three sharps (F#, C#, G#). The scale starts on F# and ends on F#.

7A. **G Flat**

This block contains the musical notation for the G Flat major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has two flats (Bb, Eb). The scale starts on Gb and ends on Gb.

8. **G**

This block contains the musical notation for the G major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has one sharp (F#). The scale starts on G and ends on G.

9. **A Flat**

This block contains the musical notation for the A Flat major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has two flats (Bb, Eb). The scale starts on Ab and ends on Ab.

10. **A**

This block contains the musical notation for the A major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has two sharps (F#, C#). The scale starts on A and ends on A.

11. **B Flat**

This block contains the musical notation for the B Flat major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has two flats (Bb, Eb). The scale starts on Bb and ends on Bb.

12. **B**

This block contains the musical notation for the B major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has two sharps (F#, C#). The scale starts on B and ends on B.

Conductor
Keyboard

RANGE BUILDERS

Play as many measures as possible.

Measures 1-4 of the Range Builders exercise. The music is in 2/4 time with a key signature of two flats (B-flat and E-flat). Measures 1 and 2 feature a simple chordal progression in the right hand (F major triad) and a bass line in the left hand (F major triad). Measures 3 and 4 feature a more complex chordal progression in the right hand (F major triad with chromatic alterations) and a bass line in the left hand (F major triad with chromatic alterations). The exercise is marked with a crescendo hairpin from measure 1 to 2 and a decrescendo hairpin from measure 3 to 4.

Measures 5-8 of the Range Builders exercise. Measures 5 and 6 feature a simple chordal progression in the right hand (F major triad) and a bass line in the left hand (F major triad). Measures 7 and 8 feature a more complex chordal progression in the right hand (F major triad with chromatic alterations) and a bass line in the left hand (F major triad with chromatic alterations). The exercise is marked with a crescendo hairpin from measure 5 to 6 and a decrescendo hairpin from measure 7 to 8.

Measures 9-12 of the Range Builders exercise. Measures 9 and 10 feature a simple chordal progression in the right hand (F major triad) and a bass line in the left hand (F major triad). Measures 11 and 12 feature a more complex chordal progression in the right hand (F major triad with chromatic alterations) and a bass line in the left hand (F major triad with chromatic alterations). The exercise is marked with a crescendo hairpin from measure 9 to 10 and a decrescendo hairpin from measure 11 to 12.

Conductor
Keyboard

RANGE BUILDERS - page 2

Musical notation for measures 13-16. The score is written for piano in G major (one sharp). Measures 13 and 14 feature a sequence of chords: G4-A4-B4, G4-A4-B4-C#4, G4-A4-B4-C#4-D4, and G4-A4-B4-C#4-D4-E4. Measures 15 and 16 feature a sequence of chords: G4-A4-B4, G4-A4-B4-C4, G4-A4-B4-C4-D4, and G4-A4-B4-C4-D4-E4. Each measure is marked with a dynamic hairpin (crescendo or decrescendo) and a fermata over the final chord.

Musical notation for measures 17-20. The score is written for piano in G minor (two flats). Measures 17 and 18 feature a sequence of chords: G4-Bb4-Db4, G4-Bb4-Db4-Eb4, G4-Bb4-Db4-Eb4-Fb4, and G4-Bb4-Db4-Eb4-Fb4. Measures 19 and 20 feature a sequence of chords: G4-Bb4-Db4, G4-Bb4-Db4-Eb4, G4-Bb4-Db4-Eb4-Fb4, and G4-Bb4-Db4-Eb4-Fb4. Each measure is marked with a dynamic hairpin and a fermata over the final chord.

Musical notation for measures 21-24. The score is written for piano in G minor (two flats). Measures 21 and 22 feature a sequence of chords: G4-Bb4-Db4, G4-Bb4-Db4-Eb4, G4-Bb4-Db4-Eb4-Fb4, and G4-Bb4-Db4-Eb4-Fb4. Measures 23 and 24 feature a sequence of chords: G4-Bb4-Db4, G4-Bb4-Db4-Eb4, G4-Bb4-Db4-Eb4-Fb4, and G4-Bb4-Db4-Eb4-Fb4. Each measure is marked with a dynamic hairpin and a fermata over the final chord.

KEYBOARD/GUITAR

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

Conductor/Keyboard **TONE BUILDERS**

1

Musical notation for exercise 1, measures 1-6. The piece is in 2/4 time with a key signature of two flats (Bb and Eb). The notation is written for a grand staff (treble and bass clefs). Measures 1-2: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3). Measures 3-4: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3). Measures 5-6: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3).

Musical notation for exercise 1, measures 7-12. The piece is in 2/4 time with a key signature of two flats (Bb and Eb). The notation is written for a grand staff (treble and bass clefs). Measures 7-8: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3). Measures 9-10: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3). Measures 11-12: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3).

2

Musical notation for exercise 2, measures 13-19. The piece is in 2/4 time with a key signature of two flats (Bb and Eb). The notation is written for a grand staff (treble and bass clefs). Measures 13-14: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3). Measures 15-16: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3). Measures 17-18: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3). Measure 19: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3).

Musical notation for exercise 2, measures 20-26. The piece is in 2/4 time with a key signature of two flats (Bb and Eb). The notation is written for a grand staff (treble and bass clefs). Measures 20-21: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3). Measures 22-23: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3). Measures 24-25: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3). Measure 26: Treble clef has a whole note chord (F4, Ab4, Bb4); bass clef has a whole note chord (Bb2, D3, F3).

3

Musical notation for measures 27-30. The piece is in 3/4 time and B-flat major. Measures 27-29 feature a melodic line in the right hand and a bass line in the left hand, both with a slur. Measure 30 contains a whole note chord in the right hand and a whole note chord in the left hand.

Musical notation for measures 31-36. Measures 31-32 feature a melodic line in the right hand and a bass line in the left hand, both with a slur. Measures 33-35 feature a melodic line in the right hand and a bass line in the left hand, both with a slur. Measure 36 contains a whole note chord in the right hand and a whole note chord in the left hand.

Musical notation for measures 37-42. Measures 37-38 feature a melodic line in the right hand and a bass line in the left hand, both with a slur. Measures 39-41 feature a melodic line in the right hand and a bass line in the left hand, both with a slur. Measure 42 contains a whole note chord in the right hand and a whole note chord in the left hand.

Musical notation for measures 43-47. Measures 43-44 feature a melodic line in the right hand and a bass line in the left hand, both with a slur. Measures 45-46 feature a melodic line in the right hand and a bass line in the left hand, both with a slur. Measure 47 contains a whole note chord in the right hand and a whole note chord in the left hand.

C Treble Clef

INTERVALS

An interval is the space between two notes

1 unison minor second major second minor third

major third perfect fourth augmented fourth perfect fifth

augmented fifth major sixth minor seventh major seventh octave

MAJOR SCALE INTERVALS

2 unison major second major third perfect fourth

perfect fifth major sixth major seventh octave

MAJOR SCALE DEGREES

3

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4 Major Minor Seventh Diminished Augmented

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

Bass Clef

INTERVALS

An interval is the space between two notes

1

unison minor second major second minor third

1 2 3 4

major third perfect fourth augmented fourth perfect fifth

5 6 7 8

augmented fifth major sixth minor seventh major seventh octave

9 10 11 12 13

MAJOR SCALE INTERVALS

2

unison major second major third perfect fourth

14 15 16 17

perfect fifth major sixth major seventh octave

18 19 20 21

MAJOR SCALE DEGREES

3

22 23 24 25 26 27 28 29

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4

Major Minor Seventh Diminished Augmented

30 31 32 33 34

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

CHORD PITCH DRILL

Page 1

each pitch functions as 1,3,5 and 7 in a chord.

C

n.c. C n.c. A \flat n.c. F n.c. D7 G

1 2 3 4 5 6 7 8 9

G

n.c. G n.c. E \flat n.c. C n.c. A7 D

10 11 12 13 14 15 16 17 18

D

n.c. D n.c. B \flat n.c. G n.c. E7 A

19 20 21 22 23 24 25 26 27

A

n.c. A n.c. F n.c. D n.c. B7 E

28 29 30 31 32 33 34 35 36

CHORD PITCH DRILL

E

n.c. E n.c. C n.c. A n.c. F#7 B

37 38 39 40 41 42 43 44 45

Detailed description: This section contains measures 37 through 45. It starts with a treble clef and a key signature of three sharps (F#, C#, G#). Measure 37 is a whole rest. Measure 38 is a whole note E major chord (E, G#, B). Measure 39 is a whole rest. Measure 40 is a whole note C major chord (C, E, G). Measure 41 is a whole rest. Measure 42 is a whole note A major chord (A, C#, E). Measure 43 is a whole rest. Measure 44 is a whole note F#7 chord (F#, C#, G#, B). Measure 45 is a whole note B major chord (B, D#, F#). The bass line consists of whole notes: G# (37), B (38), G# (39), C (40), G# (41), E (42), G# (43), C (44), and B (45).

B

n.c. B n.c. G n.c. E n.c. C#7 F#

46 47 48 49 50 51 52 53 54

Detailed description: This section contains measures 46 through 54. It starts with a treble clef and a key signature of three sharps (F#, C#, G#). Measure 46 is a whole rest. Measure 47 is a whole note B major chord (B, D#, F#). Measure 48 is a whole rest. Measure 49 is a whole note G major chord (G, B, D). Measure 50 is a whole rest. Measure 51 is a whole note E major chord (E, G#, B). Measure 52 is a whole rest. Measure 53 is a whole note C#7 chord (C#, F#, G#, B). Measure 54 is a whole note F# major chord (F#, A, C#). The bass line consists of whole notes: G# (46), B (47), G# (48), B (49), G# (50), E (51), G# (52), C# (53), and F# (54).

Gb

n.c. Gb n.c. D n.c. Cb n.c. Ab7 Db

55 56 57 58 59 60 61 62 63

Detailed description: This section contains measures 55 through 63. It starts with a treble clef and a key signature of three flats (Bb, Eb, Ab). Measure 55 is a whole rest. Measure 56 is a whole note Gb major chord (Gb, Bb, Db). Measure 57 is a whole rest. Measure 58 is a whole note D major chord (D, F, A). Measure 59 is a whole rest. Measure 60 is a whole note Cb major chord (Cb, Eb, Gb). Measure 61 is a whole rest. Measure 62 is a whole note Ab7 chord (Ab, Cb, Eb, Gb). Measure 63 is a whole note Db major chord (Db, Fb, Ab). The bass line consists of whole notes: Bb (55), Gb (56), Bb (57), D (58), Bb (59), Cb (60), Bb (61), Ab (62), and Db (63).

Db

n.c. Db n.c. A n.c. Gb n.c. Eb7 Ab

64 65 66 67 68 69 70 71 72

Detailed description: This section contains measures 64 through 72. It starts with a treble clef and a key signature of three flats (Bb, Eb, Ab). Measure 64 is a whole rest. Measure 65 is a whole note Db major chord (Db, Fb, Ab). Measure 66 is a whole rest. Measure 67 is a whole note A major chord (A, C, E). Measure 68 is a whole rest. Measure 69 is a whole note Gb major chord (Gb, Bb, Db). Measure 70 is a whole rest. Measure 71 is a whole note Eb7 chord (Eb, Gb, Ab, Db). Measure 72 is a whole note Ab major chord (Ab, Cb, Eb). The bass line consists of whole notes: Bb (64), Db (65), Bb (66), A (67), Bb (68), Gb (69), Bb (70), Eb (71), and Ab (72).

CHORD PITCH DRILL

Ab

n.c. Ab n.c. E n.c. Db n.c. Bb7 Eb

73 74 75 76 77 78 79 80 81

Eb

n.c. Eb n.c. B n.c. Ab n.c. F7 Bb

82 83 84 85 86 87 88 89 90

Bb

n.c. Bb n.c. Gb n.c. Eb n.c. C7 F

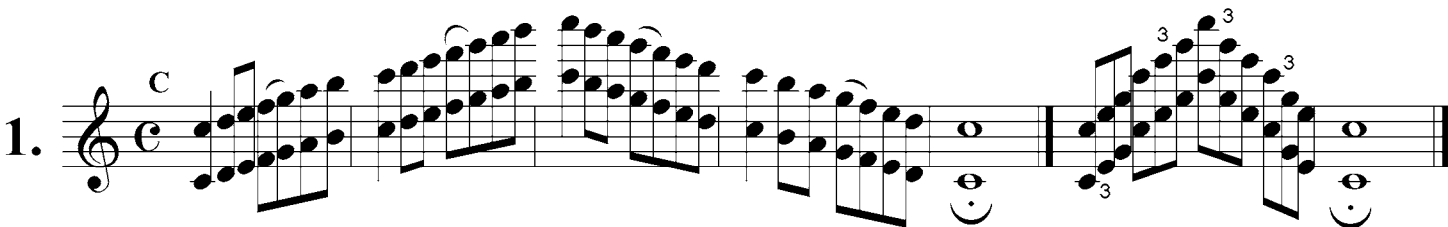
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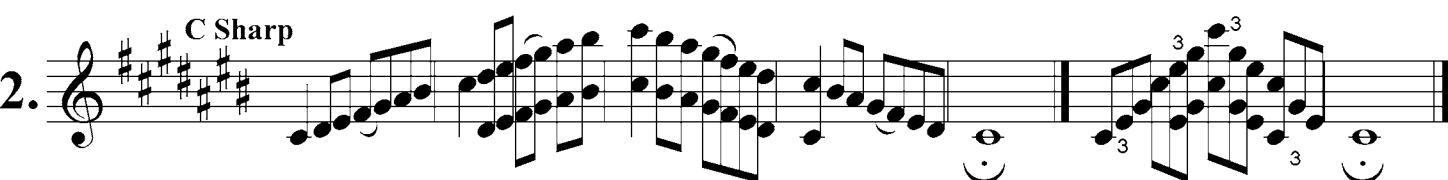
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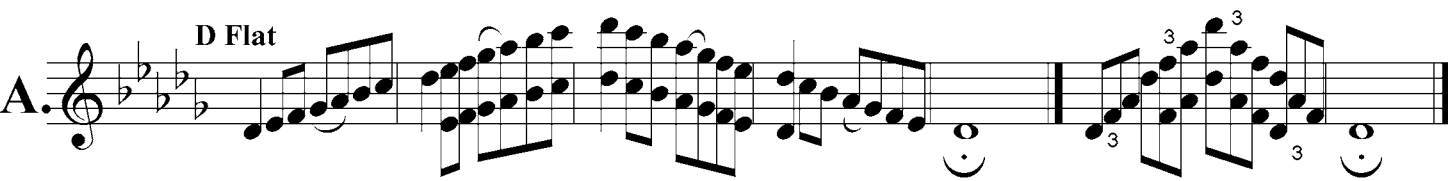
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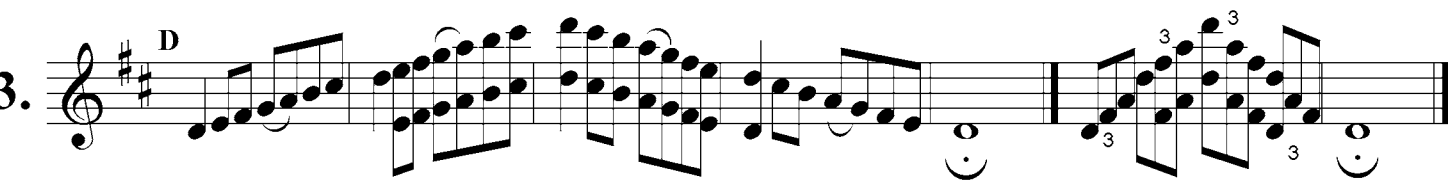
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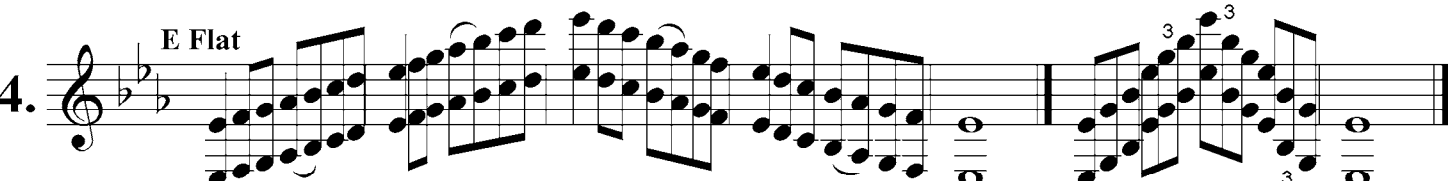
Treble Clef **MAJOR SCALES AND ARPEGGIOS**

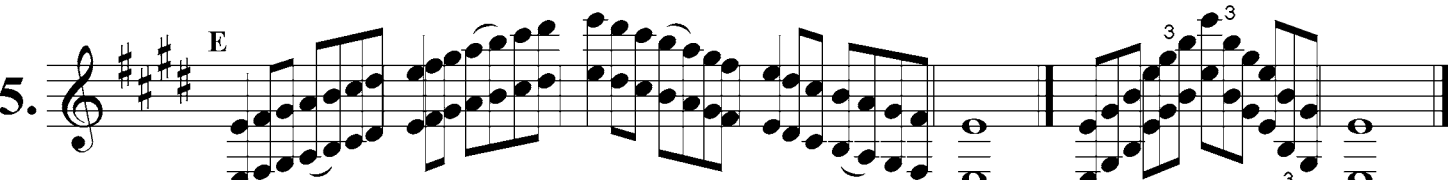
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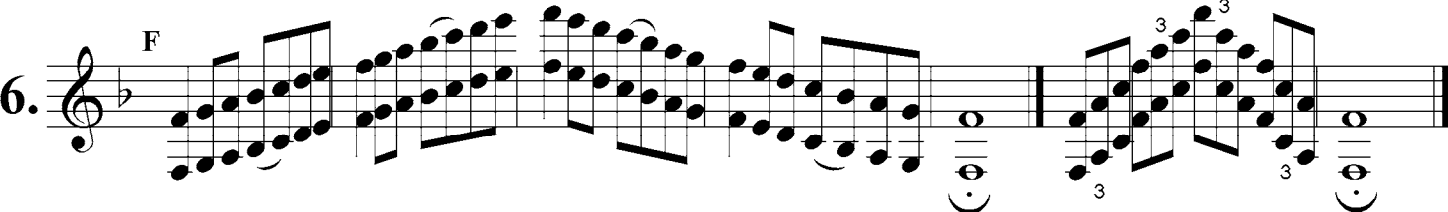
2. 

2A. 

3. 

4. 

5. 

6. 

7. **F Sharp**

Musical notation for F Sharp major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

7A. **G Flat**

Musical notation for G Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

8. **G**

Musical notation for G major scale and arpeggio. The scale is written in treble clef with a key signature of one sharp (F#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

9. **A Flat**

Musical notation for A Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

10. **A**

Musical notation for A major scale and arpeggio. The scale is written in treble clef with a key signature of three sharps (F#, C#, G#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

11. **B Flat**

Musical notation for B Flat major scale and arpeggio. The scale is written in treble clef with a key signature of two flats (Bb, Eb). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

12. **B**

Musical notation for B major scale and arpeggio. The scale is written in treble clef with a key signature of four sharps (F#, C#, G#, D#). The scale is shown in two directions: ascending and descending. The arpeggio is shown in two directions: ascending and descending. The arpeggio is marked with a '3' above the notes, indicating a triplet.

Bass Clef

MAJOR SCALES AND ARPEGGIOS

1. **C**

This block shows the C major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also in two parts: an ascending line and a descending line, both in eighth notes. The key signature has no sharps or flats. The time signature is common time (C). The piece ends with a double bar line and repeat dots.

2. **C Sharp**

This block shows the C sharp major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two sharps (F# and C#). The time signature is common time (C). The piece ends with a double bar line and repeat dots.

2A. **D Flat**

This block shows the D flat major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two flats (Bb and Eb). The time signature is common time (C). The piece ends with a double bar line and repeat dots.

3. **D**

This block shows the D major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two sharps (F# and C#). The time signature is common time (C). The piece ends with a double bar line and repeat dots.

4. **E Flat**

This block shows the E flat major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also in two parts: an ascending line and a descending line, both in eighth notes. The key signature has two flats (Bb and Eb). The time signature is common time (C). The piece ends with a double bar line and repeat dots.

5. **E**

This block shows the E major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also in two parts: an ascending line and a descending line, both in eighth notes. The key signature has three sharps (F#, C#, and G#). The time signature is common time (C). The piece ends with a double bar line and repeat dots.

6. **F**

This block shows the F major scale and arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both in eighth notes. The arpeggio is also in two parts: an ascending line and a descending line, both in eighth notes. The key signature has one flat (Bb). The time signature is common time (C). The piece ends with a double bar line and repeat dots.

7. **F Sharp**

This block contains the musical notation for the F Sharp major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has three sharps (F#, C#, G#). The scale starts on F# and ends on F#.

7A. **G Flat**

This block contains the musical notation for the G Flat major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has three flats (Bb, Eb, Ab). The scale starts on Gb and ends on Gb.

8. **G**

This block contains the musical notation for the G major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has one sharp (F#). The scale starts on G and ends on G.

9. **A Flat**

This block contains the musical notation for the A Flat major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has two flats (Bb, Eb). The scale starts on Ab and ends on Ab.

10. **A**

This block contains the musical notation for the A major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has two sharps (F#, C#). The scale starts on A and ends on A.

11. **B Flat**

This block contains the musical notation for the B Flat major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has two flats (Bb, Eb). The scale starts on Bb and ends on Bb.

12. **B**

This block contains the musical notation for the B major scale and its arpeggio in bass clef. The scale is written in two parts: an ascending line and a descending line, both using eighth notes. The arpeggio is shown in two parts: an ascending line and a descending line, both using eighth notes. The key signature has three sharps (F#, C#, G#). The scale starts on B and ends on B.

Conductor
Keyboard

RANGE BUILDERS

Play as many measures as possible.

Measures 1-4 of the Range Builders exercise. The music is in 2/4 time with a key signature of two flats (B-flat and E-flat). Measures 1 and 2 feature a simple chordal progression in the right hand (F major triad) and a bass line in the left hand (F major triad). Measures 3 and 4 feature a more complex chordal progression in the right hand (F major triad with chromatic alterations) and a bass line in the left hand (F major triad with chromatic alterations). The exercise is marked with a crescendo hairpin from measure 1 to 2 and a decrescendo hairpin from measure 3 to 4.

Measures 5-8 of the Range Builders exercise. Measures 5 and 6 feature a simple chordal progression in the right hand (F major triad) and a bass line in the left hand (F major triad). Measures 7 and 8 feature a more complex chordal progression in the right hand (F major triad with chromatic alterations) and a bass line in the left hand (F major triad with chromatic alterations). The exercise is marked with a crescendo hairpin from measure 5 to 6 and a decrescendo hairpin from measure 7 to 8.

Measures 9-12 of the Range Builders exercise. Measures 9 and 10 feature a simple chordal progression in the right hand (F major triad) and a bass line in the left hand (F major triad). Measures 11 and 12 feature a more complex chordal progression in the right hand (F major triad with chromatic alterations) and a bass line in the left hand (F major triad with chromatic alterations). The exercise is marked with a crescendo hairpin from measure 9 to 10 and a decrescendo hairpin from measure 11 to 12.

Conductor
Keyboard

RANGE BUILDERS - page 2

Measures 13-16: This system contains four measures of music. Measures 13 and 14 are in the key of D major (one sharp) and feature a sequence of chords: D major, E major, F# major, G major, and A major. Measures 15 and 16 are in the key of A major (two sharps) and feature a sequence of chords: B major, C# major, D major, E major, and F# major. Each measure is marked with a measure number below the staff.

Measures 17-20: This system contains four measures of music. Measures 17 and 18 are in the key of D minor (two flats) and feature a sequence of chords: D minor, E minor, F major, G major, and A major. Measures 19 and 20 are in the key of A minor (no sharps or flats) and feature a sequence of chords: B minor, C major, D major, E major, and F major. Each measure is marked with a measure number below the staff.

Measures 21-24: This system contains four measures of music. Measures 21 and 22 are in the key of D minor (two flats) and feature a sequence of chords: D minor, E minor, F major, G major, and A major. Measures 23 and 24 are in the key of A minor (no sharps or flats) and feature a sequence of chords: B minor, C major, D major, E major, and F major. Each measure is marked with a measure number below the staff.

VIOLA

**INSTRUMENTAL WARM-UPS
AND BUILDERS**

for individual or ensemble study

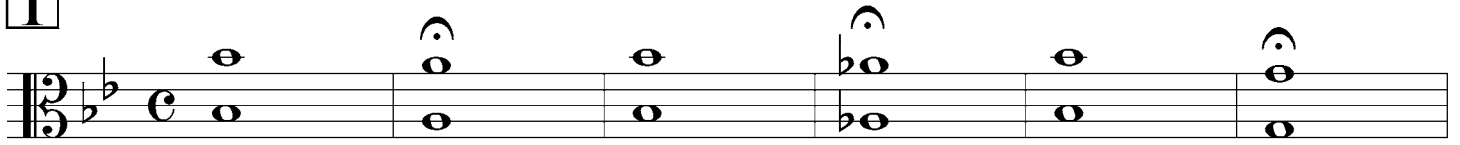
**Compiled by
Jeff Cranfill**

Jeff Cranfill Music

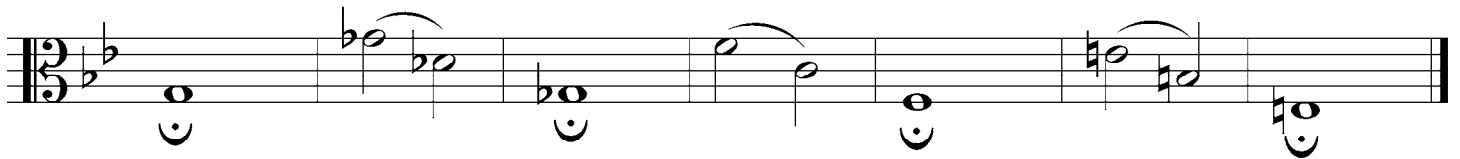
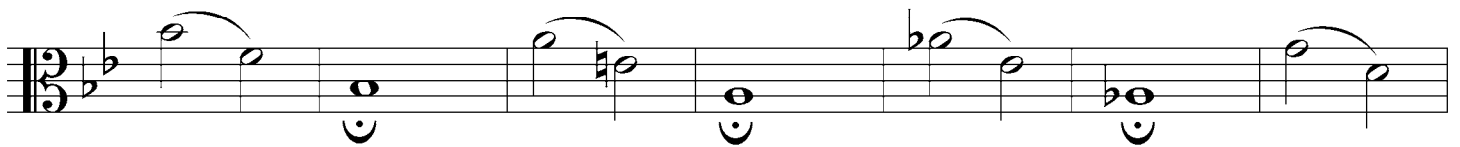
Viola

TONE BUILDERS

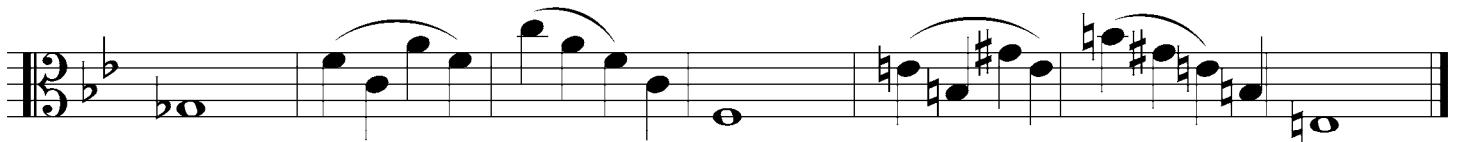
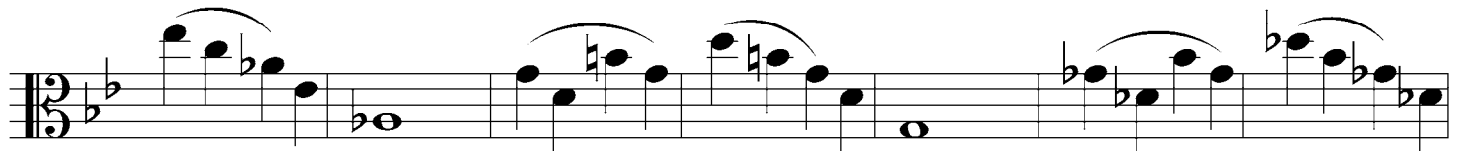
1



2



3



Viola

INTERVALS

An interval is the space between two notes

1

unison minor second major second minor third

1 2 3 4

major third perfect fourth augmented fourth perfect fifth

5 6 7 8

augmented fifth major sixth minor seventh major seventh octave

9 10 11 12 13

MAJOR SCALE INTERVALS

2

unison major second major third perfect fourth

14 15 16 17

perfect fifth major sixth major seventh octave

18 19 20 21

MAJOR SCALE DEGREES

3

22 23 24 25 26 27 28 29

1 2 3 4 5 6 7 8 (1)

BASIC CHORD TYPES

4

Major Minor Seventh Diminished Augmented

30 31 32 33 34

1,3,5 1, min. 3, 5 1,3,5,min. 7 1, min. 3, dim. 5 1, 3 aug. 5

CHORD PITCH DRILL

Page 1

each pitch functions as 1,3,5 and 7 in a chord.

C

Musical notation for the C major chord drill. The staff is in 3/4 time with a C-clef. It contains nine measures, each with a whole note chord. The notes are: 1. C4, 2. E4, 3. G4, 4. C4, 5. E4, 6. G4, 7. C4, 8. E4, 9. G4.

G

Musical notation for the G major chord drill. The staff is in 3/4 time with a C-clef and a key signature of one sharp (F#). It contains nine measures, each with a whole note chord. The notes are: 10. G4, 11. B4, 12. D5, 13. G4, 14. B4, 15. D5, 16. G4, 17. B4, 18. D5.

D

Musical notation for the D major chord drill. The staff is in 3/4 time with a C-clef and a key signature of two sharps (F#, C#). It contains nine measures, each with a whole note chord. The notes are: 19. D4, 20. F#4, 21. A4, 22. D4, 23. F#4, 24. A4, 25. D4, 26. F#4, 27. A4.

A

Musical notation for the A major chord drill. The staff is in 3/4 time with a C-clef and a key signature of three sharps (F#, C#, G#). It contains nine measures, each with a whole note chord. The notes are: 28. A3, 29. C#4, 30. E4, 31. A3, 32. C#4, 33. E4, 34. A3, 35. C#4, 36. E4.

E

Musical notation for the E major chord drill. The staff is in 3/4 time with a C-clef and a key signature of four sharps (F#, C#, G#, D#). It contains nine measures, each with a whole note chord. The notes are: 37. E3, 38. G#3, 39. B3, 40. E3, 41. G#3, 42. B3, 43. E3, 44. G#3, 45. B3.

B

Musical notation for the B major chord drill. The staff is in 3/4 time with a C-clef and a key signature of five sharps (F#, C#, G#, D#, A#). It contains nine measures, each with a whole note chord. The notes are: 46. B2, 47. D#3, 48. F#3, 49. B2, 50. D#3, 51. F#3, 52. B2, 53. D#3, 54. F#3.

CHORD PITCH DRILL

Page 2

Gb

Musical staff for Gb chord drill, measures 55-63. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 55 (Bb), 56 (Bb, Eb), 57 (Bb), 58 (Bb, Eb), 59 (Bb), 60 (Bb, Eb), 61 (Bb), 62 (Bb, Eb), 63 (Bb).

Db

Musical staff for Db chord drill, measures 64-72. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 64 (Bb), 65 (Bb, Eb), 66 (Bb), 67 (Bb, Eb), 68 (Bb), 69 (Bb, Eb), 70 (Bb), 71 (Bb, Eb), 72 (Bb).

Ab

Musical staff for Ab chord drill, measures 73-81. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 73 (Bb), 74 (Bb, Eb), 75 (Bb), 76 (Bb, Eb), 77 (Bb), 78 (Bb, Eb), 79 (Bb), 80 (Bb, Eb), 81 (Bb).

Eb

Musical staff for Eb chord drill, measures 82-90. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 82 (Bb), 83 (Bb, Eb), 84 (Bb), 85 (Bb, Eb), 86 (Bb), 87 (Bb, Eb), 88 (Bb), 89 (Bb, Eb), 90 (Bb).

Bb

Musical staff for Bb chord drill, measures 91-99. The staff is in bass clef with a key signature of two flats (Bb and Eb). The notes are: 91 (Bb), 92 (Bb, Eb), 93 (Bb), 94 (Bb, Eb), 95 (Bb), 96 (Bb, Eb), 97 (Bb), 98 (Bb, Eb), 99 (Bb).

F

Musical staff for F chord drill, measures 100-108. The staff is in bass clef with a key signature of one flat (Bb). The notes are: 100 (Bb), 101 (Bb, F), 102 (Bb), 103 (Bb, F), 104 (Bb), 105 (Bb, F), 106 (Bb), 107 (Bb, F), 108 (Bb).

MAJOR SCALES AND ARPEGGIOS

1. **C**

1. C major scale and arpeggio in 3/4 time. The scale is written in a single line on a treble clef staff. It consists of two measures: the first measure contains the ascending scale (C4, D4, E4, F4, G4, A4, B4, C5) and the second measure contains the descending scale (C5, B4, A4, G4, F4, E4, D4, C4). The arpeggio is written in a single line on a bass clef staff, consisting of two measures: the first measure contains the ascending arpeggio (C3, E3, G3, C4) and the second measure contains the descending arpeggio (C4, B3, A3, G3, F3, E3, C3). The arpeggio is marked with a '3' above and below the notes, indicating a triplet.

2. **C Sharp**

2. C Sharp major scale and arpeggio in 3/4 time. The scale is written in a single line on a treble clef staff with a key signature of two sharps (F# and C#). It consists of two measures: the first measure contains the ascending scale (C#4, D#4, E4, F#4, G4, A4, B4, C#5) and the second measure contains the descending scale (C#5, B4, A4, G4, F#4, E4, D#4, C#4). The arpeggio is written in a single line on a bass clef staff, consisting of two measures: the first measure contains the ascending arpeggio (C#3, E4, G4, C#4) and the second measure contains the descending arpeggio (C#4, B3, A3, G4, F#3, E3, C#3). The arpeggio is marked with a '3' above and below the notes, indicating a triplet.

2A. **D Flat**

2A. D Flat major scale and arpeggio in 3/4 time. The scale is written in a single line on a treble clef staff with a key signature of two flats (Bb and Eb). It consists of two measures: the first measure contains the ascending scale (Db4, Eb4, F4, Gb4, Ab4, Bb4, C5, Db5) and the second measure contains the descending scale (Db5, C5, Bb4, Ab4, Gb4, F4, Eb4, Db4). The arpeggio is written in a single line on a bass clef staff, consisting of two measures: the first measure contains the ascending arpeggio (Db3, F4, Ab4, Db4) and the second measure contains the descending arpeggio (Db4, C5, Bb4, Ab4, Gb4, F4, Eb4, Db3). The arpeggio is marked with a '3' above and below the notes, indicating a triplet.

3. **D**

3. D major scale and arpeggio in 3/4 time. The scale is written in a single line on a treble clef staff with a key signature of two sharps (F# and C#). It consists of two measures: the first measure contains the ascending scale (D4, E4, F#4, G4, A4, B4, C#5, D5) and the second measure contains the descending scale (D5, C#5, B4, A4, G4, F#4, E4, D4). The arpeggio is written in a single line on a bass clef staff, consisting of two measures: the first measure contains the ascending arpeggio (D3, F#4, A4, D4) and the second measure contains the descending arpeggio (D4, C#5, B4, A4, G4, F#4, E4, D3). The arpeggio is marked with a '3' above and below the notes, indicating a triplet.

4. **E Flat**

4. E Flat major scale and arpeggio in 3/4 time. The scale is written in a single line on a treble clef staff with a key signature of one flat (Bb). It consists of two measures: the first measure contains the ascending scale (Eb4, F4, G4, Ab4, Bb4, C5, Eb5) and the second measure contains the descending scale (Eb5, C5, Bb4, Ab4, G4, F4, Eb4). The arpeggio is written in a single line on a bass clef staff, consisting of two measures: the first measure contains the ascending arpeggio (Eb3, F4, Ab4, Eb4) and the second measure contains the descending arpeggio (Eb4, C5, Bb4, Ab4, G4, F4, Eb3). The arpeggio is marked with a '3' above and below the notes, indicating a triplet.

5. **E**

5. E major scale and arpeggio in 3/4 time. The scale is written in a single line on a treble clef staff with a key signature of three sharps (F#, C#, G#). It consists of two measures: the first measure contains the ascending scale (E4, F#4, G#4, A4, B4, C#5, E5) and the second measure contains the descending scale (E5, C#5, B4, A4, G#4, F#4, E4). The arpeggio is written in a single line on a bass clef staff, consisting of two measures: the first measure contains the ascending arpeggio (E3, G#4, B4, E4) and the second measure contains the descending arpeggio (E4, C#5, B4, A4, G#4, F#4, E3). The arpeggio is marked with a '3' above and below the notes, indicating a triplet.

6. **F**

6. F major scale and arpeggio in 3/4 time. The scale is written in a single line on a treble clef staff with a key signature of one flat (Bb). It consists of two measures: the first measure contains the ascending scale (F4, G4, Ab4, Bb4, C5, F5) and the second measure contains the descending scale (F5, C5, Bb4, Ab4, G4, F4). The arpeggio is written in a single line on a bass clef staff, consisting of two measures: the first measure contains the ascending arpeggio (F3, Ab4, Bb4, F4) and the second measure contains the descending arpeggio (F4, C5, Bb4, Ab4, G4, F3). The arpeggio is marked with a '3' above and below the notes, indicating a triplet.

7. **F Sharp**

7. **F Sharp** Musical notation for the F Sharp major scale and arpeggio in 3/4 time. The scale is written in a single line with a treble clef and a key signature of two sharps (F# and C#). The scale consists of eight measures: four ascending and four descending. The final measure of the descending scale is followed by a whole rest. The arpeggio is shown in the final measure, consisting of three eighth notes (F#, C#, G) beamed together, with a '3' above and below the notes. The piece ends with a double bar line.

7A. **G Flat**

7A. **G Flat** Musical notation for the G Flat major scale and arpeggio in 3/4 time. The scale is written in a single line with a treble clef and a key signature of two flats (Bb and Eb). The scale consists of eight measures: four ascending and four descending. The final measure of the descending scale is followed by a whole rest. The arpeggio is shown in the final measure, consisting of three eighth notes (Gb, Bb, Eb) beamed together, with a '3' above and below the notes. The piece ends with a double bar line.

8. **G**

8. **G** Musical notation for the G major scale and arpeggio in 3/4 time. The scale is written in a single line with a treble clef and a key signature of one sharp (F#). The scale consists of eight measures: four ascending and four descending. The final measure of the descending scale is followed by a whole rest. The arpeggio is shown in the final measure, consisting of three eighth notes (G, B, D) beamed together, with a '3' above and below the notes. The piece ends with a double bar line.

9. **A Flat**

9. **A Flat** Musical notation for the A Flat major scale and arpeggio in 3/4 time. The scale is written in a single line with a treble clef and a key signature of three flats (Bb, Eb, Ab). The scale consists of eight measures: four ascending and four descending. The final measure of the descending scale is followed by a whole rest. The arpeggio is shown in the final measure, consisting of three eighth notes (Ab, Cb, Eb) beamed together, with a '3' above and below the notes. The piece ends with a double bar line.

10. **A**

10. **A** Musical notation for the A major scale and arpeggio in 3/4 time. The scale is written in a single line with a treble clef and a key signature of three sharps (F#, C#, G#). The scale consists of eight measures: four ascending and four descending. The final measure of the descending scale is followed by a whole rest. The arpeggio is shown in the final measure, consisting of three eighth notes (A, C#, E) beamed together, with a '3' above and below the notes. The piece ends with a double bar line.

11. **B Flat**

11. **B Flat** Musical notation for the B Flat major scale and arpeggio in 3/4 time. The scale is written in a single line with a treble clef and a key signature of two flats (Bb and Eb). The scale consists of eight measures: four ascending and four descending. The final measure of the descending scale is followed by a whole rest. The arpeggio is shown in the final measure, consisting of three eighth notes (Bb, D, F) beamed together, with a '3' above and below the notes. The piece ends with a double bar line.

12. **B**

12. **B** Musical notation for the B major scale and arpeggio in 3/4 time. The scale is written in a single line with a treble clef and a key signature of two sharps (F# and C#). The scale consists of eight measures: four ascending and four descending. The final measure of the descending scale is followed by a whole rest. The arpeggio is shown in the final measure, consisting of three eighth notes (B, D#, F#) beamed together, with a '3' above and below the notes. The piece ends with a double bar line.

Viola

RANGE BUILDERS

Play as many measures as possible.

1 2 3 4

5 6 7 8

9 10 11 12

13 14 15 16

17 18 19 20

21 22 23 24