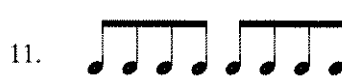
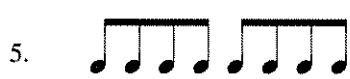


Arpeggios

The following patterns may be used for an entire drill or one pattern may be used in the ascending and another in the descending part of the scale. Rehearse these patterns using various tempi. Work to perform *all scale exercises in one breath* and use different dynamic levels.



1 Concert B \flat Major Scale

Work to perform in one breath. Use different dynamic levels and articulations.

Score for Concert B \flat Major Scale, 2/4 time. The score includes staves for C, B \flat , F, E \flat , B.C., and S.D./B.D. The S.D./B.D. staff includes footwork patterns: *flamacue (LR L R L LR), RL R L R RL, LR L R L LR, and RL R L R RL. The score is divided into five measures, with a double bar line after measure 4.

2 Concert G minor Arpeggio

Score for Concert G minor Arpeggio, 2/4 time. The score includes staves for C, B \flat , F, E \flat , B.C., and S.D./B.D. The S.D./B.D. staff includes footwork patterns: *5 stroke roll (R 5, R 5, L 5, L 5), *paradiddle (R L R R L R L L), R 5, R 5, L 5, L 5, and R L R R L R L L. The score is divided into five measures, with a double bar line after measure 4.

*See rudiments on pages 82-83.

3 Concert E \flat Major Arpeggio

Score for Concert E \flat Major Arpeggio, 2/4 time signature. The score is written for six staves: C (Clef), B \flat (Clef), F (Clef), E \flat (Clef), B.C. (Bass Clef), and S.D. B.D. (Bass Clef). The key signature is two flats (B \flat and E \flat). The melody is played in the upper staves (C, B \flat , F, E \flat) and the bass line in the lower staves (B.C., S.D. B.D.). The S.D. B.D. staff features a continuous eighth-note arpeggiated pattern. The piece concludes with a double bar line and repeat signs.

4 Concert C minor Arpeggio

Score for Concert C minor Arpeggio, 2/4 time signature. The score is written for six staves: C (Clef), B \flat (Clef), F (Clef), E \flat (Clef), B.C. (Bass Clef), and S.D. B.D. (Bass Clef). The key signature is three flats (B \flat , E \flat , and A \flat). The melody is played in the upper staves (C, B \flat , F, E \flat) and the bass line in the lower staves (B.C., S.D. B.D.). The S.D. B.D. staff features a continuous eighth-note arpeggiated pattern. The piece concludes with a double bar line and repeat signs.

5 Concert F Major Arpeggio

Musical score for Concert F Major Arpeggio, 2/4 time. The score is written for six staves: C (C4), Bb (Bb4), F (F4), Eb (Eb4), B.C. (Bb3), and S.D./B.D. (Bb2). The key signature is one flat (Bb). The tempo is marked 2/4. The score consists of five measures, with the first measure containing a *flam tap and the subsequent measures containing LR RRL L, LR R, RL L, and LR RRL L. The S.D. and B.D. staves are marked with 2, 3, 4, and 5, indicating the number of strokes for each measure.

6 Concert D minor Arpeggio

Musical score for Concert D minor Arpeggio, 2/4 time. The score is written for six staves: C (C4), Bb (Bb4), F (F4), Eb (Eb4), B.C. (Bb3), and S.D./B.D. (Bb2). The key signature is two flats (Bb, Eb). The tempo is marked 2/4. The score consists of five measures, with the first measure containing a *flam paradiddle and the subsequent measures containing LR L R RRL R L L and LR L R R. The S.D. and B.D. staves are marked with 2, 3, 4, and 5, indicating the number of strokes for each measure.

*See rudiments on pages 82-83.

7

Concert A \flat Major Arpeggio

Concert A \flat Major Arpeggio

Score for six parts: C, B \flat , F, E \flat , B.C., and S.D./B.D. The key signature is three flats (A \flat Major). The time signature is 2/4. The score consists of four measures of music, followed by a repeat sign and a final measure. The S.D./B.D. part includes fingerings 2, 3, 4, and 5.

8

Concert F minor Arpeggio

Concert F minor Arpeggio

Score for six parts: C, B \flat , F, E \flat , B.C., and S.D./B.D. The key signature is three flats (F minor). The time signature is 2/4. The score consists of four measures of music, followed by a repeat sign and a final measure. The S.D./B.D. part includes fingerings 5 and 2, and a trill mark.

9

Concert D \flat Major Arpeggio

C
 B \flat
 F
 E \flat
 B.C.
 *flamacue LR L R L LR RL R L R RL LR L R L LR RL R L R RL
 S.D.
 B.D.
 2 3 4 5

This musical score is for a Concert D \flat Major Arpeggio. It features five staves: C, B \flat , F, E \flat , and B.C. (Bass Clef). The key signature is D \flat Major (three flats: B \flat , E \flat , A \flat). The time signature is 2/4. The score is divided into five measures, numbered 1 through 5 at the bottom. The first four measures contain the arpeggio pattern, and the fifth measure contains a final chord. The B.C. staff includes a *flamacue pattern: LR L R L LR RL R L R RL LR L R L LR RL R L R RL. The S.D. and B.D. staves show the drum part, which includes a *flam tap pattern: LR R RL L LR R RL L LR R RL L LR R RL L.

10

Concert B \flat minor Arpeggio

C
 B \flat
 F
 E \flat
 B.C.
 *flam tap LR R RL L LR R RL L LR R RL L LR R RL L LR R RL L
 S.D.
 B.D.
 2 3 4 5

This musical score is for a Concert B \flat minor Arpeggio. It features five staves: C, B \flat , F, E \flat , and B.C. (Bass Clef). The key signature is B \flat minor (three flats: B \flat , E \flat , A \flat). The time signature is 2/4. The score is divided into five measures, numbered 1 through 5 at the bottom. The first four measures contain the arpeggio pattern, and the fifth measure contains a final chord. The B.C. staff includes a *flam tap pattern: LR R RL L LR R RL L LR R RL L LR R RL L LR R RL L. The S.D. and B.D. staves show the drum part, which includes a *flam tap pattern: LR R RL L LR R RL L LR R RL L LR R RL L.

*See rudiments on pages 82-83.

11 Concert C Major Arpeggio

C
 B \flat
 F
 E \flat
 B.C.
 S.D.
 B.D.

*5 stroke roll

2 3 4 5

Detailed description: This musical score is for a Concert C Major Arpeggio. It consists of six staves. The first five staves are for melodic instruments: C (treble clef), B \flat (treble clef, key signature of one sharp), F (treble clef, key signature of one sharp), E \flat (treble clef, key signature of three sharps), and B.C. (bass clef). The sixth staff is for a drum set, labeled S.D. and B.D. with a 2/4 time signature. The drum part features a '5 stroke roll' pattern, with the number '5' written above each of the five measures. The notation includes various musical symbols such as notes, rests, and dynamic markings like accents (>).

12 Concert A minor Arpeggio

C
 B \flat
 F
 E \flat
 B.C.
 S.D.
 B.D.

*9 stroke roll

2 3 4 5

Detailed description: This musical score is for a Concert A minor Arpeggio. It consists of six staves, identical in layout to the previous score. The first five staves are for melodic instruments: C (treble clef), B \flat (treble clef, key signature of one sharp), F (treble clef, key signature of one sharp), E \flat (treble clef, key signature of three sharps), and B.C. (bass clef). The sixth staff is for a drum set, labeled S.D. and B.D. with a 2/4 time signature. The drum part features a '9 stroke roll' pattern, with the number '9' written above each of the five measures. The notation includes various musical symbols such as notes, rests, and dynamic markings like accents (>).

*See rudiments on pages 82-83.

13 Concert G Major Arpeggio

Concert G Major Arpeggio musical score. The score is written for six staves: C (Clef), Bb (B-flat), F (F), Eb (E-flat), B.C. (Bass Clef), and S.D. (Soprano/Diapason). The key signature is G major (one sharp, F#) and the time signature is 2/4. The music consists of a series of eighth notes forming an arpeggio pattern across the staves. The S.D. staff includes fingerings 2, 3, 4, and 5. The score ends with a double bar line and repeat signs.

14 Concert E minor Arpeggio

Concert E minor Arpeggio musical score. The score is written for six staves: C (Clef), Bb (B-flat), F (F), Eb (E-flat), B.C. (Bass Clef), and S.D. (Soprano/Diapason). The key signature is E minor (three sharps, F#, C#, G#) and the time signature is 2/4. The music consists of a series of eighth notes forming an arpeggio pattern across the staves. The S.D. staff includes fingerings 2, 3, 4, and 5. The score ends with a double bar line and repeat signs.

*lesson 25 LLR L RLLR L R LLR L RLLR L R LLR L RLLR L R LLR L RLLR L R

*See rudiments on pages 82-83.

15 Concert D Major Arpeggio

C
 B \flat
 F
 E \flat
 B.C.
 *lesson 25
 S.D.
 B.D.

2 3 4 5

16 Concert B minor Arpeggio

C
 B \flat
 F
 E \flat
 B.C.
 *drag
 paradiddle #2
 S.D.
 B.D.

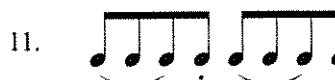
2 3 4 5

*See rudiments on pages 82-83.

Breath Control Exercises

All of these drills must be played in *one breath*.

Try these patterns to reinforce skills in addition to breath control.



1

Breath Control Exercise

Play in one breath!

C

B \flat

F

E \flat

B.C.

S.D.
B.D.

*flam paradiddle
LR L R RRL R L L

2 3 4 5

2

Breath Control Exercise

C

B \flat

F

E \flat

B.C.

S.D.
B.D.

*flam paradiddle
LR L R RRL R L L

2 3 4 5

*See rudiments on pages 82–83.

3 Breath Control Exercise

C

B \flat

F

E \flat

B.C.

S.D.
B.D.

*flam tap

*flamacue

*flam tap

*flamacue

*flam tap

2 3 4 5 6

4 Breath Control Exercise

C

B \flat

F

E \flat

B.C.

S.D.
B.D.

2 3 4 5 6

*See rudiments on pages 82–83.

5 Breath Control Exercise

Sheet music for the first system of the Breath Control Exercise, measures 1 through 4. The system includes staves for C, B \flat , F, E \flat , B.C., and S.D./B.D. The key signature is one flat (B \flat), and the time signature is 4/4. The S.D./B.D. staff includes a *flam tap instruction in measure 4.



Sheet music for the second system of the Breath Control Exercise, measures 5 through 9. The system includes staves for C, B \flat , F, E \flat , B.C., and S.D./B.D. The key signature is one flat (B \flat), and the time signature is 4/4. The S.D./B.D. staff includes a *flam tap instruction in measure 8.



*See rudiments on pages 82-83.

6

Breath Control Exercise

Sheet music for a Breath Control Exercise, measures 1 through 4. The score is written for six staves: C, B \flat , F, E \flat , B.C., and S.D./B.D. The key signature is three flats (B \flat , E \flat , A \flat) and the time signature is 4/4. The S.D./B.D. staff includes a drum part with a *flam tap instruction.




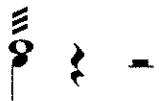














Sheet music for a Breath Control Exercise, measures 5 through 9. The score continues for six staves: C, B \flat , F, E \flat , B.C., and S.D./B.D. The key signature is three flats (B \flat , E \flat , A \flat) and the time signature is 4/4. The S.D./B.D. staff includes a drum part.



















*See rudiments on pages 82-83.

Chromatic Scales

Changing the rhythm of these scales will add variety. The suggested weekly outline is one way to approach chromatic training. Winds and pitched percussion should play the patterns in the first measure. Non-pitched percussion should play the patterns in the second measure. Articulation patterns found in the first scale section of the book may be used with the chromatic scales in a variety of ways to add interest.

Week		
	Winds	
		Percussion
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Week		
	Winds	
		Percussion
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		

1 Concert B \flat Chromatic Scale

C
 B \flat
 F
 E \flat
 B.C.
 S.D.
 B.D.

Perform rhythm that corresponds to week no. (see page 59)

2 3 4 5 6 7

2 Concert E \flat Chromatic Scale

C
 B \flat
 F
 E \flat
 B.C.
 S.D.
 B.D.

Perform rhythm that corresponds to week no. (see page 59)

2 3 4 5 6 7

3

Concert F Chromatic Scale

C
 B \flat
 F
 E \flat
 B.C.
 S.D.
 B.D.

Perform rhythm that corresponds to week no. (see page 59)

2 3 4 5 6 7

Detailed description: This musical score is for a Concert F Chromatic Scale. It consists of six staves. The first five staves are for instruments: C (Cello), B \flat (Bassoon), F (Flute), E \flat (Euphonium), and B.C. (Bassoon/Clarinet). The sixth staff is for S.D. (Soprano) and B.D. (Bass). The key signature is one flat (B \flat), and the time signature is 4/4. The scale is written in a chromatic fashion, with notes moving up and down by half steps. The score is divided into measures, with a double bar line at the end of measure 7. A note at the bottom indicates to perform a rhythm corresponding to the week number (see page 59).

4

Concert A \flat Chromatic Scale

C
 B \flat
 F
 E \flat
 B.C.
 S.D.
 B.D.

Perform rhythm that corresponds to week no. (see page 59)

2 3 4 5 6 7

Detailed description: This musical score is for a Concert A \flat Chromatic Scale. It consists of six staves. The first five staves are for instruments: C (Cello), B \flat (Bassoon), F (Flute), E \flat (Euphonium), and B.C. (Bassoon/Clarinet). The sixth staff is for S.D. (Soprano) and B.D. (Bass). The key signature is two flats (B \flat and E \flat), and the time signature is 4/4. The scale is written in a chromatic fashion, with notes moving up and down by half steps. The score is divided into measures, with a double bar line at the end of measure 7. A note at the bottom indicates to perform a rhythm corresponding to the week number (see page 59).

Rhythmic Reinforcement

Focus and Count

1. Work for success in this section by following this method:

- Count each exercise aloud.
- Clap each exercise.
- Breathe, articulate, and finger each exercise with the instrument in playing position.
- Play the exercise.

2. Perform each exercise on a given pitch, or allow each student to choose a different pitch that will result in a little dissonance but could be fun and interesting.

PERCUSSION—choose any mallet or non-mallet instrument and play each exercise.

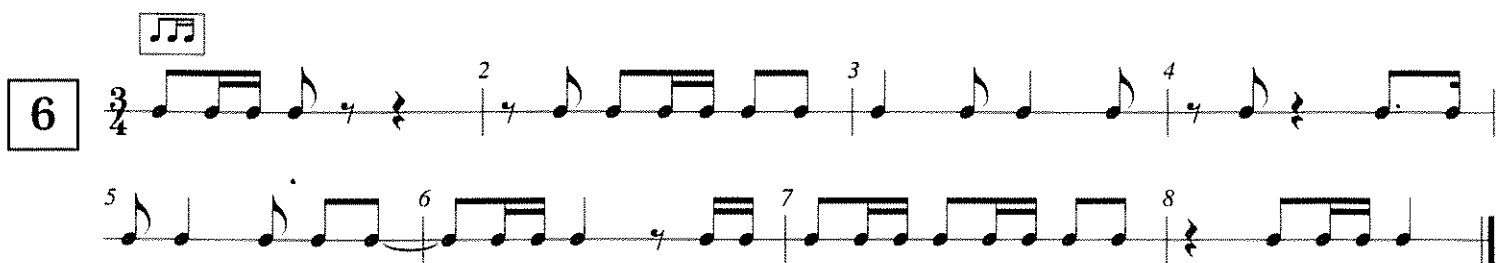
1 o, d, d, d, d

2 ♪♪

3 ♪♪

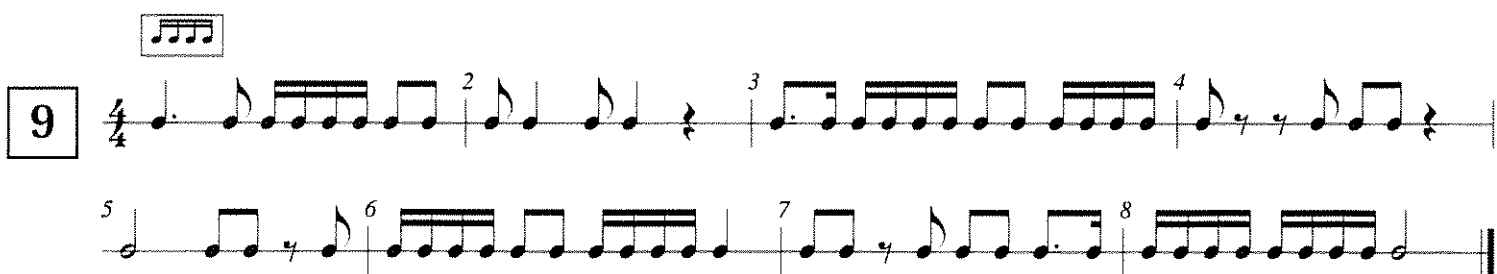
4 ♪♪

5 ♪♪

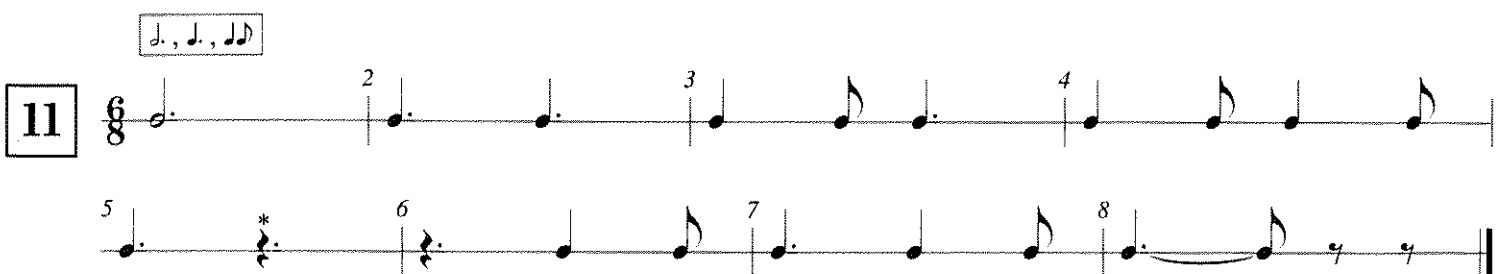
6 

7 

8 

9 

10 

11 

* ♪ = ♪ ♪

12

6/8

13

9/8

14

9/8

15

4/4

16

3/4

SECTION 3: Balance

Warm-up and Tuning Chorales

1 Concert B \flat Warm-up and Tuning Chorale

Listen, Balance, and Tune

Vary tempi and dynamic levels.

Legato

C

B \flat

F

E \flat

B.C.

S.D.
B.D.

B.D. tacet

2 3 4 5 6 7 8

C

B \flat

F

E \flat

B.C.

S.D.
B.D.

9 10 11 12 13 14 15 16

2

Concert E♭ Warm-up and Tuning Chorale

Vary tempi and dynamic levels.

Listen, Balance, and Tune

Legato

C

B♭

F

E♭

B.C.

S.D.
B.D.

B.D. tacet

2 3 4 5 6 7 8

C

B♭

F

E♭

B.C.

S.D.
B.D.

9 10 11 12 13 14 15 16

3

Concert F Warm-up and Tuning Chorale

Vary tempi and dynamic levels.

Listen, Balance, and Tune

Legato

Measures 1 through 8. The S.D. and B.D. parts are marked "B.D. tacet" for measures 2 through 8.

Measures 9 through 16.

4 Concert A \flat Warm-up and Tuning Chordale

Vary tempi and dynamic levels.

Listen, Balance, and Tune

Legato

C
B \flat
F
E \flat
B.C.
S.D.
B.D.

B.D. tacet 2 3 4 5 6 7 8

C
B \flat
F
E \flat
B.C.
S.D.
B.D.

9 10 11 12 13 14 15 16

5

Concert D \flat Warm-up and Tuning Chorale

Vary tempi and dynamic levels.

Listen, Balance, and Tune

Legato

C
 B \flat
 F
 E \flat
 B.C.
 S.D.
 B.D.

B.D. tacet

2 3 4 5 6 7 8

C
 B \flat
 F
 E \flat
 B.C.
 S.D.
 B.D.

9 10 11 12 13 14 15 16

6 Concert C Warm-up and Tuning Chorale

Vary tempi and dynamic levels.

Listen, Balance, and Tune

Legato

C

Bb

F

Eb

B.C.

S.D.
B.D.

B.D. tacet 2 3 4 5 6 7 8

C

Bb

F

Eb

B.C.

S.D.
B.D.

9 10 11 12 13 14 15 16

7

Concert G Warm-up and Tuning Chorale

Vary tempi and dynamic levels.

Listen, Balance, and Tune

Legato

C
B \flat
F
E \flat
B.C.
S.D.
B.D.

B.D. tacet

2 3 4 5 6 7 8

C
B \flat
F
E \flat
B.C.
S.D.
B.D.

9 10 11 12 13 14 15 16

8 Concert D Warm-up and Tuning Chordale

Vary tempi and dynamic levels.

Listen, Balance, and Tune

Legato

C

Bb

F

Eb

B.C.

S.D.
B.D.

B.D. tacet

2 3 4 5 6 7 8

C

Bb

F

Eb

B.C.

S.D.
B.D.

9 10 11 12 13 14 15 16

SECTION 4:

Intonation and Percussion Rudiments

Intonation and Tuning

The intonation test is designed to help you become aware of the pitch tendencies of your instrument. *Intonation is an individual responsibility.* When you are able to control pitch on your own instrument, the ensemble will begin to develop a better pitch center. You should try to go through this exercise several times each year to maximize results. The instructions for completing the test are listed here.

1. Work in pairs or have the section leader monitor the test for the section. Your director could also give the test by making individual appointments or focusing on a section at a time within each rehearsal.
2. Warm up and tune to a concert B \flat prior to starting the test. The monitoring student (or your director) should use an electronic tuner to record results on your test form.
3. Play the first note (indicated in the chart at the bottom of the test page) and hold a steady pitch for at least 8 counts ($\text{♩} = 88$). During this time, the monitor should record the results of the pitch on the form. Use a plus sign (+) if the pitch is sharp and a minus sign (−) if the pitch is flat. The monitor should also record how sharp or flat each pitch is as indicated by the tuner, as in this example:

+10 −2 0 +7 −16 +15
4. Upon completion of the test, begin to make adjustments to any pitch that is equal to or greater than ± 10 .
5. Refer to the pitch tendency chart to make adjustments such as changes in embouchure, airstream and breath support, alternate fingers, and instrument modifications.
6. Your ultimate goal is for each pitch to come as close to 0 as possible. As your pitches move toward 0, the intonation of the ensemble will begin to show improvement.

Intonation Test*

Ranges may be adjusted to suit the needs of the student and at the director's discretion.

Range Indicator

Flute	33 – 59	Trumpet	23 – 49
Oboe	38 – 52	Horn in F	25 – 45
Bassoon	11 – 32	Trombone	11 – 33
Clarinet	20 – 52	Baritone B.C.	11 – 33
Alto Clarinet	20 – 45	Baritone T.C.	25 – 47
Bass Clarinet	19 – 45	Tuba	1 – 21
Contra Alto and Contra Bass Clarinet	20 – 45		
Alto Saxophone	30 – 52		
Tenor Saxophone	30 – 52		
Baritone Saxophone	30 – 49		

Intonation Test

Ranges may be adjusted to suit the needs of the student and at the director's discretion.

A A# B C C# D D# E F F# G G#

Test 1												
Test 2												
Test 3												
Test 4												
Test 5												
Test 6												
Average												
Range	1	2	3	4	5	6	7	8	9	10	11	12

A A# B C C# D D# E F F# G G#

Test 1												
Test 2												
Test 3												
Test 4												
Test 5												
Test 6												
Average												
Range	13	14	15	16	17	18	19	20	21	22	23	24

A A# B C C# D D# E F F# G G#

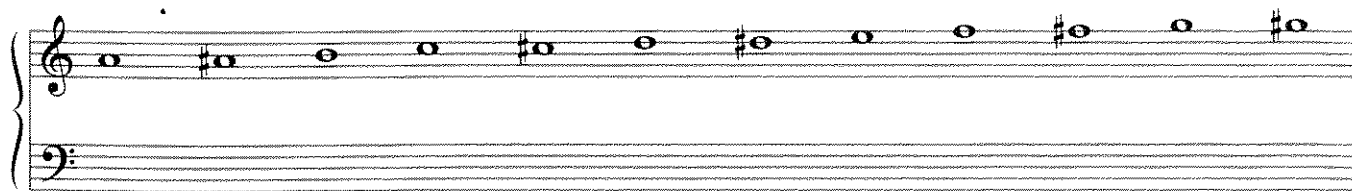
Test 1												
Test 2												
Test 3												
Test 4												
Test 5												
Test 6												
Average												
Range	25	26	27	28	29	30	31	32	33	34	35	36

Name: _____

Instrument: _____

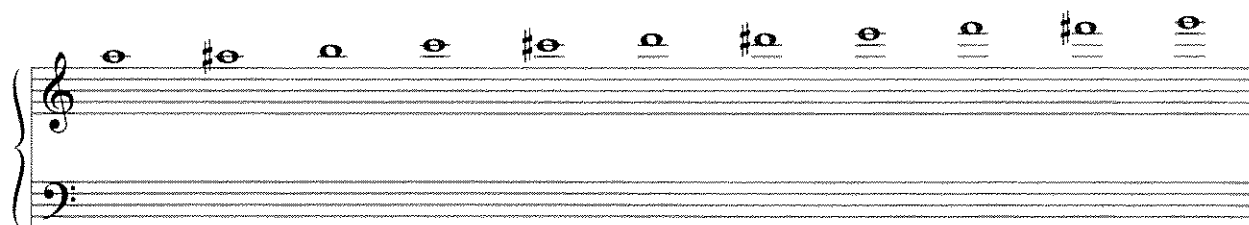
Intonation Test

Ranges may be adjusted to suit the needs of the student and at the director's discretion.



A A# B C C# D D# E F F# G G#

Test 1												
Test 2												
Test 3												
Test 4												
Test 5												
Test 6												
Average												
Range	37	38	39	40	41	42	43	44	45	46	47	48



A A# B C C# D D# E F F# G

Test 1												
Test 2												
Test 3												
Test 4												
Test 5												
Test 6												
Average												
Range	49	50	51	52	53	54	55	56	57	58	59	

Name: _____

Instrument: _____

Pitch Tendencies and Adjustments

The following charts show pitch tendencies for notes that generally need adjustment on most instruments. Your intonation will begin to improve by becoming aware of the pitch tendencies of your instrument and implementing ways to alter those notes so they are closer to the pitch center. Your understanding of these concepts will be evident as you demonstrate better intonation skills.

Flute

MEMORIZE THIS INFORMATION

Sharp tendencies

Flat tendencies



Sharp:

The flute will tend to play sharp when dynamics get louder. Notes in the upper range also have a tendency towards sharpness. At times, flute pitch may go sharp if too much air moves across the blow hole.

Pitch may be lowered through a variety of techniques including:

- rolling the flute in slightly
- slight shift of the head to help direct air downward
- slight shift of the embouchure to help direct air downward
- head joint adjustments, pull out
- alternate fingerings
- adding keys

Flat:

The flute will tend to play flat when dynamics get softer. Notes in the lower range also have a tendency towards flatness. Unsupported air and slower air speed will also cause the pitch to go flat. At times, flute pitch may go flat if too much of the blow hole is covered.

Pitch may be raised through a variety of techniques including:

- rolling the flute out slightly
- slight shift of the head to help direct air upward
- better air support
- slight shift of the embouchure to help direct air upward
- head joint adjustments, push in
- alternate fingerings

Oboe

MEMORIZE THIS INFORMATION

Sharp tendencies

Flat tendencies



Sharp:

The oboe will tend to play sharp in the upper range, especially above high Bb. Sharpness is also caused by pinching the reed or biting. At times, and depending on the quality of the reed, taking too much reed in the mouth may cause sharpness.

Pitch may be lowered through a variety of techniques including:

- directing the airstream downward
- slight relaxation of the embouchure to avoid pinching or biting
- adjusting the amount of reed in the mouth
- alternate fingerings

Clarinet (B \flat , Alto, Bass, Contra Alto, and Contra Bass)

MEMORIZE THIS INFORMATION



Sharp:

The throat tones on the clarinet tend to be sharp. Although not idiosyncratic, players should be aware that if they pinch in the upper range, this will err to the sharp side. Low clarinets will tend to be sharp in the upper range.

Pitch may be lowered through a variety of techniques including:

- directing the airstream downward
- slight relaxation of the embouchure to avoid pinching
- adjusting the amount of reed and mouthpiece in the mouth
- selecting a softer reed
- barrel adjustment
- alternate fingerings

Flat:

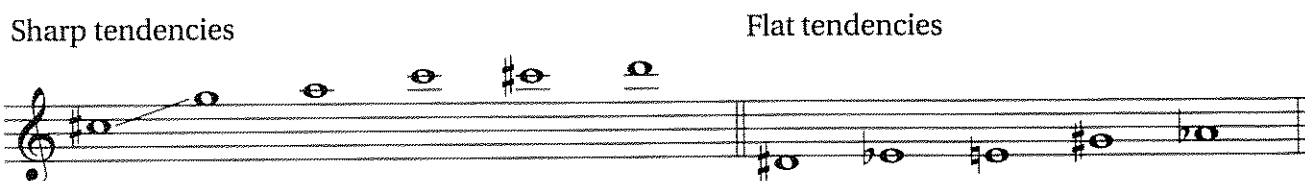
Low clarinets will tend to be flat in the lower range. Except when a student pinches, some notes in the upper range can go flat. Flatness is caused by unsupported air, slower air speed and an embouchure that is unsupported or too relaxed.

Pitch may be raised through a variety of techniques including:

- directing the airstream upward
- better air support
- slight increase in embouchure firmness
- adjusting the amount of reed and mouthpiece in the mouth
- selecting a harder reed
- barrel (neck) adjustment
- alternate fingerings

Saxophone (Alto, Tenor, and Baritone)

MEMORIZE THIS INFORMATION



Sharp:

Notes in the upper range of the saxophone tend to be sharp. Third space C \sharp and fourth line D are generally sharp. Sharpness is also caused by pinching the reed or biting. The condition of the reed also contributes to pitch tendencies. A reed that is too hard will sometimes tend to play sharp. At times, and depending on the quality of the reed, taking too much reed in the mouth may cause sharpness.

Pitch may be lowered through a variety of techniques including:

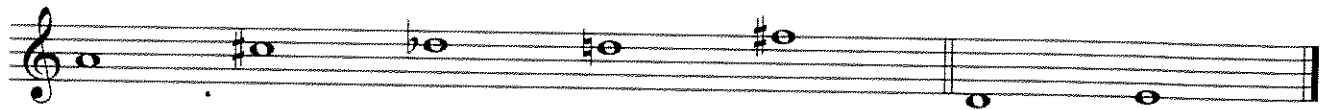
- directing the airstream downward
- slight relaxation of the embouchure to avoid pinching
- adjusting the amount of reed and mouthpiece in the mouth
- selecting a softer reed
- mouthpiece placement adjustment on the neck
- alternate fingerings

Horn

MEMORIZE THIS INFORMATION

Sharp tendencies

Flat tendencies



All brass players are encouraged to read the trumpet intonation sections on sharp and flat tendencies as the general concepts listed there apply to all valve brass instruments. Those playing double horn need to focus on intonation of both the F and B \flat slides. When all slides are completely inserted, many horns have been tooled to play a bit sharp. See trumpet intonation section on sharp and flat tendencies.

Pitch may be lowered through a variety of techniques including:

- directing the airstream downward
- change in air speed
- slight relaxation of the embouchure
- adjust tuning slide
- adjust valve slides
(proportionate to length of the slide)
- alternate fingerings
- moving the hand slightly out of the bell

Pitch may be raised through a variety of techniques including:

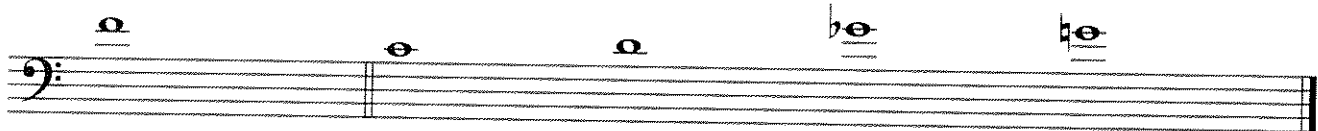
- directing the airstream upward
- change in air speed and better air support
- slight increase in embouchure firmness
- adjust tuning slide
- adjust valve slides
(proportionate to length of the slide)
- alternate fingerings
- moving the hand slightly into the bell

Trombone

MEMORIZE THIS INFORMATION

Sharp tendencies

Flat tendencies



Pitch centering on the trombone is fully reliant on the keen ear of the performer, as it works on a slide system rather than a system of valves. Each pitch is entirely alterable. Basic principles concerning breath support and embouchure listed in the trumpet section apply to trombone intonation. Additionally, there are certain notes on the trombone that naturally tend to be in need of alteration.

Pitch may be lowered through a variety of techniques including:

- directing the airstream downward
- change in air speed
- slight relaxation of the embouchure
- adjust tuning slide
- adjust slide position downward
- alternate slide position

Pitch may be raised through a variety of techniques including:

- directing the airstream upward
- change in air speed and better air support
- slight increase in embouchure firmness
- adjust tuning slide
- adjust slide position upward
- alternate slide position

Euphonium and Baritone B.C.

MEMORIZE THIS INFORMATION

Sharp tendencies

Flat tendencies



All brass players are encouraged to read the trumpet intonation sections on sharp and flat tendencies as the general concepts listed there apply to all valve brass instruments. The use of a fourth valve assists in correcting intonation in the lower range.

Pitch may be lowered through a variety of techniques including:

- directing the airstream downward
- change in air speed
- slight relaxation of the embouchure
- adjust tuning slide
- adjust valve slides
(proportionate to length of the slide)
- alternate fingerings
- use of fourth valve

Pitch may be raised through a variety of techniques including:

- directing the airstream upward
- change in air speed and better air support
- slight increase in embouchure firmness
- adjust tuning slide
- adjust valve slides
(proportionate to length of the slide)
- alternate fingerings
- use of fourth valve

Tuba

MEMORIZE THIS INFORMATION

Sharp tendencies

Flat tendencies



All brass players are encouraged to read the trumpet intonation section on sharp and flat tendencies as the general concepts listed there apply to all valve brass instruments.

The use of a fourth valve assists in correcting intonation in the lower range.

Pitch may be lowered through a variety of techniques including:

- directing the airstream downward
- change in air speed
- slight relaxation of the embouchure
- adjust tuning slide
- adjust valve slides
(proportionate to length of the slide)
- alternate fingerings
- use of fourth valve

Pitch may be raised through a variety of techniques including:

- directing the airstream upward
- change in air speed and better air support
- slight increase in embouchure firmness
- adjust tuning slide
- adjust valve slides
(proportionate to length of the slide)
- alternate fingerings
- use of fourth valve

Frequently Used Percussion Rudiments

MEMORIZE THIS INFORMATION

I. Roll Rudiments

1. Five Stroke Roll



2. Seven Stroke Roll



3. Nine Stroke Roll



4. Thirteen Stroke Roll



5. Fifteen Stroke Roll



II. Diddle Rudiments

6. Single Paradiddle



7. Double Paradiddle



8. Single Paradiddle-Diddle



III. Flam Rudiments

9. Flam



10. Flam Accent



11. Flamacue



12. Flam Tap



13. Flam Paradiddle



14. Flam Paradiddle-Diddle



IV. Drag Rudiments

15. Drag



16. Single Drag Tap



17. Double Drag Tap



18. Lesson 25



19. Drag Paradiddle #1



20. Drag Paradiddle #2



21. Single Ratamacue



22. Double Ratamacue



23. Triple Ratamacue



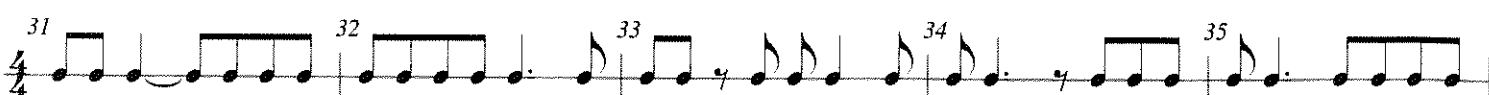
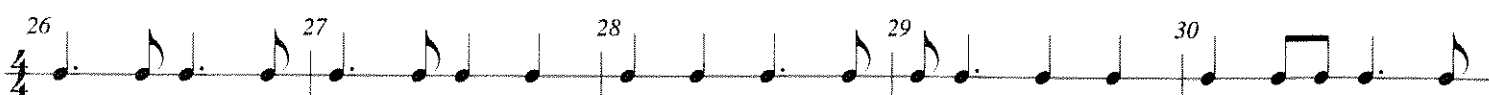
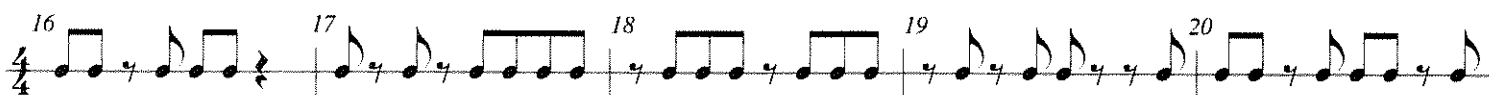
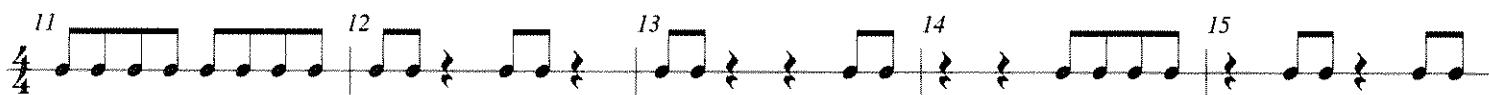
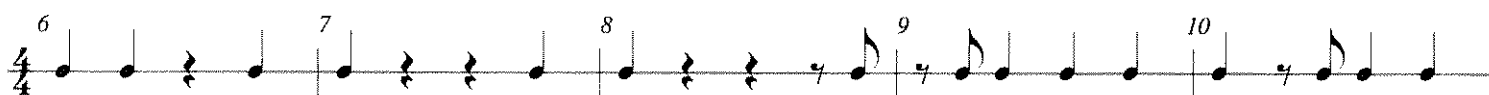
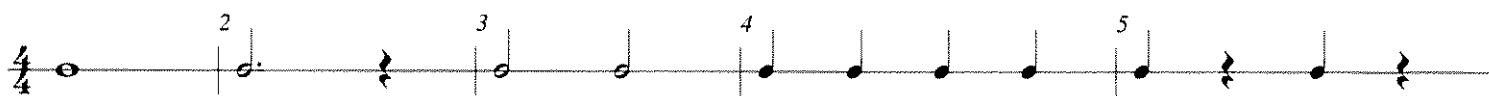
SECTION 5: Appendix

Rhythmic Counting

FOCUS, THINK, AND COUNT

These patterns may be used in a variety of ways.

1. Choose a single concert pitch for unison sound. Work on rhythm and balance at the same time by selecting different chord tones for each instrument family or group of the Balance Pyramid. Allowing each student to choose their own pitch might be a little dissonant but could be interesting and fun.
2. Select a measure and agree on how to count it. Your counting system should be consistent.
3. Perform the selected measure.
4. Perform rhythm patterns in larger phrases (5 measure, 10 measure, and so on).
5. This section may be used for rhythmic skills assessment. The patterns become progressively more complex. Let students perform to see how far they can go before making a mistake.



Festival Preparation

NOTES TO THE DIRECTOR

1. Spend quality time in the selection of literature. Identify styles that are appropriate for your venue. A good rule of thumb is to choose a couple of pieces of contrasting styles so that you showcase the capabilities of your ensemble. Carefully check the festival requirements. Some may call for specific works, others might require you to choose from certain titles, while others might let you select your own program without any parameters other than time.
2. After narrowing down the styles, select several titles within the style that will be appropriate for your ensemble situation. Take time in initial score study so that you become aware of the musical challenges students will face. While you might be able to select after having studied the scores, some tunes will require the students sight-reading the piece for you to decide whether or not it is appropriate and viable.
3. Once you have made at least two and up to four selections, it could be in the best interest of the students to program these for a concert that occurs just prior to the festival. This will give you and the students an opportunity to perform the works. The few days between the concert and festival performances can serve to solidify performance practices.
4. Your initial score study should be followed with more intense score study. A performance analysis is a good way to address the musical elements, the probable needs of the students, and the development of teaching and rehearsal strategies. Don't shy away from using a professional recording as you study. Some criticize this practice, but we have found it helpful in the complete understanding of the work. In particular, focus on things *musical*. A big difference between good band performances and great band performances is the evidence of expression and musicianship. In your study and subsequent rehearsal, concentrate on expressive items such as dynamic movement, articulation contrast, style, entrances and releases in phrasing, tension and release, and the cultivation of inner supporting lines.
5. Analysis should lead to rehearsal techniques that will assist the students in rendering the intended interpretation. Mark your score to remind you of conducting techniques and the decisions you made during score analysis. List anticipated potential problems for each instrument. These should be addressed in your rehearsal plans.
6. The students will need to understand that they are responsible for all musical elements. Remember: you can't get to the *music* if the basic elements are not there. Student practice should involve work in technique, rhythmic accuracy, tone quality, and the like.
7. Remember to use as many outside resources as will enhance learning. The use of professional recordings of the works you are rehearsing is a great way of reinforcing musical ideas. Provide recordings for students and a method by which they can access them.

8. Engage in self-evaluation and criticism. Record your rehearsals on a regular basis. Review the recording to help you develop the plan for the next rehearsal. On occasion, play a recording for the students and let them discuss what needs to be the next focus. You will also want to engage in videotaping so that you can review your conducting effectiveness and the students' response to your gestures.
9. Just as you engage in self-evaluation and criticism, the process should also involve an element of on-going assessment of student progress and achievement. The main components of correct notes, rhythms, dynamics, and articulations are critical and primary for the further development of musicality. Periodic assessment of student achievement in these areas will ensure success.
10. Discuss the festival process with your students ahead of time. In some instances, they will have the opportunity to work with an adjudicator following their performance. Instruct them in listening to the suggestions of the clinician and being open to trying things in a new or different way. Remind students of the reason for performing at a festival. You are there to help them improve as musicians. The focus should be on the learning and the performance. If you are wrapped up in scores and trophies, you and your students will lose sight of the bigger and better picture.
11. In the festival, use the warm-up room to get your students engaged mentally. Warm-up routines help them to concentrate on very specific musical ideas. They can be mind-clearing activities. Take advantage of this time and avoid demonstrating performance anxiety, as this will certainly affect the performance.
12. Live performances always require musicians to remain engaged and alert. The festival performance is no different. They should listen and watch for musical elements that might change, even slightly, in the performance. This is particularly true if your ensemble is performing in that space for the very first time. Adjustments will be necessary and they would be well advised to stay alert.

Note to the Students

Be responsible for knowing your part to the best
of your ability.

Listen and decide how you should adjust for balance,
blend, and intonation.

Always use the best possible technique.

Make beautiful music.

Enjoy and learn from this experience.

Glossary of Terms

Tempo (Markings associated with the speed of music)

Accelerando – (*accel.*) Gradually getting faster little by little

Adagietto – A little faster than *Adagio*

Adagio – A slow speed (♩ = 66–76)

Allegretto – A little slower than *Allegro*

Allegro – A fast speed (♩ = 120–160)

Andante – A moderate walking speed (♩ = 76–108)

Andantino – A little faster than *Andante*

Larghetto – A slow speed (♩ = 60–66)

Largo – A slow speed in a dignified manner (♩ = 40–60)

Lento – A very slow tempo

Moderato – At a medium speed (♩ = 108–120)

Ritardando – (*rit.*) Gradually getting slower

Style (A manner of playing)

Espressivo – Play with expression

Legato – (–) Play in a smooth and connected manner

Marcato – Play in a short and stressed manner

Sostenuto – Play in a sustaining manner

Staccato – (·) Play in a short, light, and detached manner.

Dynamics (Degrees of softness and loudness)

Pianissimo – (*pp*) Very soft

Piano – (*p*) Soft


Mezzo Piano – (*mp*) Moderately soft

Mezzo Forte – (*mf*) Moderately loud

Forte – (*f*) Loud

Fortissimo – (*ff*) Very loud

Crescendo – (*cresc.* or ) Gradually getting louder

Decrescendo – (*decresc.* or ) Gradually getting softer

Other Musical Elements

Accent – (>) Indicating that a note should be played with stress or emphasis

Chorale – A hymn-like composition that should be played in a *legato* style

Chromatic Scale – A scale that proceeds up or down in half-steps

Divisi – (*div.*) An indication for the players to divide into two or more groups

Ensemble – Refers to a group of two or more musicians playing together

Etude – A musical study that usually focuses on a technical aspect

Fermata – (◡) An indication that a note or rest should be held longer

Repeat Sign – (||: :||) An indication to go back to the beginning of the piece or to another repeat sign

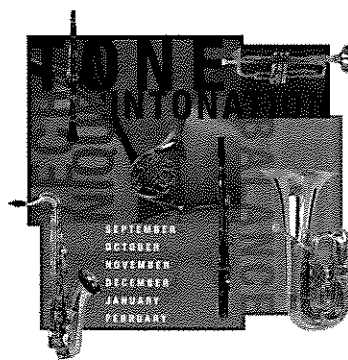
Tie – (–) A curved line connecting two or more notes of the same pitch so that they are played as one combined note

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