

TEACHING BRASS: A GUIDE FOR STUDENTS AND TEACHERS

Complete Table of Contents



= Playing Activity


Note: All of the playing activities are located in this book. All of the other content is located on the web page. Fingering charts are included both on the web page and at the end of this book for easy reference.

Introduction..... i


Chapter 1: Getting Started

1A. How Brass Instruments Work

1B. Breath Support

 1. Breath Support.....1

1C. Embouchure Formation and Mouthpiece Placement

 2. Mouthpiece Buzzing.....2

1D. Holding and Assembling the Brass Instruments

1E. First Notes






 3. First Notes.....4

Chapter 2: Beginning Technique


2A. Articulation

 4. Articulation..... 5








2B. Changing Notes Horizontally

	5. Changing Notes Horizontally.....	6
	6. First Song.....	7
2C. Trombone Slide Positions		
2D. Changing Notes Vertically		
	7. Changing Notes Vertically.....	8
	8. <i>Taps</i>	10
2E. Tone Quality		
	9. <i>America</i>	11







Chapter 3: The Harmonic Series

	10. Lip Slurs.....	12
---	--------------------	----

Chapter 4: Basic Fingerings



	11. Chromatic Scale.....	13
	12. B-flat Scale; F Scale for Horn.....	14
	13. Additional Scales: F, C and G Major.....	16
	14. <i>Ode to Joy</i>	18
	15. <i>Blue Bells of Scotland</i>	19
	16. <i>Amazing Grace</i>	20
	17. <i>Flow Gently, Sweet Afton</i>	21

Chapter 5: Basic Intonation



5A. Intonation Problems Shared by All Brass Instruments		
	18. Intonation Drill.....	22
	19A. High Brass Chorale.....	24
	19B. Low Brass Chorale.....	25
5B. General Remedies for Common Intonation Problems		
	20. Easy Song.....	26
	21. Intermediate Song.....	27
	22. Advanced Song.....	28

Chapter 6: The Trumpet



6A. Overview		
6B. Equipment		
6C. Tone		

- 6D. Technique
- 6E. Intonation
- 6F. A Short History of the Trumpet and Selected Trumpet Discography
- 6G. Selected Repertoire
- 6H. Common Trumpet Player Mistakes and How to Correct Them
- 6I. Fingering Charts and Ranges
 -  23. Lyrical Trumpet Etude..... 29
 -  24. Technical Trumpet Etude.....30

Chapter 7: The Horn

- 7A. Overview
- 7B. Equipment
- 7C. Tone
- 7D. Technique
- 7E. Stopped Horn
- 7F. Intonation
- 7G. A Short History of the Horn and Selected Horn Discography
- 7H. Transposition
- 7I. Selected Repertoire
- 7J. Common Horn Player Mistakes and How to Correct Them
- 7K. Marching Horn
- 7L. Fingering Charts and Ranges
 -  25. Lyrical Horn Etude.....31
 -  26. Technical Horn Etude..... 32

Chapter 8: The Trombone

- 8A. Overview
- 8B. Equipment
- 8C. Tone
- 8D. Technique
- 8E. Intonation
- 8F. The Bass Trombone
- 8G. A Short History of the Trombone and Selected Trombone Discography
- 8H. Selected Repertoire
- 8I. Common Trombone Player Mistakes and How to Correct Them
- 8J. Fingering Charts and Ranges
 -  27. Lyrical Trb. and Euph. Etude.....33
 -  28. Technical Trb. and Euph. Etude..... 34



Chapter 9: The Euphonium

- 9A. Overview





- 9B. Equipment
- 9C. Tone
- 9D. Technique
- 9E. Intonation
- 9F. A Short History of the Euphonium and Selected Euphonium Discography
- 9G. Selected Repertoire
- 9H. Common Euphonium Player Mistakes and How to Correct Them
- 9I. Fingering Charts and Ranges

Chapter 10: The Tuba

- 10A. Overview
- 10B. Equipment
- 10C. Tone
- 10D. Technique
- 10E. Intonation
- 10F. A Short History of the Tuba and Selected Tuba Discography
- 10G. Selected Repertoire
- 10H. Common Tuba Player Mistakes and How to Correct Them
- 10I. Fingering Charts and Ranges

-  29. Lyrical Tuba Etude.....35
-  30. Technical Tuba Etude..... 36

Chapter 11: Advanced Techniques





-  31. Advanced Tonguing..... 37
-  32. Dynamic Extremes..... 40
-  33. Advanced Etude..... 42
-  34. *Simple Gifts*..... 44

Chapter 12: Care and Cleaning of the Brass Instruments

- 12A. How to Oil the Valves and Grease the Tuning Slides
- 12B. Trombone Slide Care and Lubrication
- 12C. How to String a Horn Valve
- 12D. How to Clean the Brass Instruments
- 12E. Minor Repairs

Chapter 13: Director's Survival Guide

- 13A. Troubleshooting Problems: Case Studies
- 13B. Promoting Healthy Brass Playing
- 13C. Braces and Other Impediments
- 13D. The Daily Routine and Warm-Up

	35. Daily Routine for Trumpet.....	46
	36. Daily Routine for Horn.....	50
	37. Daily Routine for Trb. and Euph.....	54
	38. Daily Routine for Tuba.....	58

- 13E. Recruitment and Retention of Brass Players
- 13F. Brass Playing in Ensembles
- 13G. Transposition
- 13H. Evaluating and Purchasing Brass Instruments
- 13I. Vendors and Organizations
- 13J. Web Links, Apps and Reader Input


Chapter 14: Acknowledgements and Biographies

Appendix: Fingering Charts

Trumpet.....	62
Horn.....	63
Trombone without F Attachment.....	64
Trombone with F Attachment.....	65
Double Valve Bass Trombone.....	66
Three Valve Euphonium.....	67
Four Valve Euphonium.....	68
Three Valve B-flat Tuba.....	69
Four Valve B-flat Tuba.....	70

TEACHING BRASS: A GUIDE FOR STUDENTS AND TEACHERS

Introduction

This book is the in-class and playing activity companion to the web-based tutorial *Teaching Brass: A Guide for Students and Teachers*. As you read the web page, each time you encounter this symbol: , it means there is a playing activity in this book which corresponds to the section in the web page you are reading. In order to most effectively understand and assimilate the information, you should take a break from reading the web page in order to play the activity as soon as possible whenever you encounter this symbol.

Ideally you should have access to the web page *as* you play out of this book in order to completely and effectively integrate the information from the web page into your own learning experience. Practicing in this way is extremely effective and will greatly enhance your ability to understand in-class lectures.

Many of the resources in the book and the web page are designed not only to help you learn in your brass methods class, but also to be used as teaching tools after you become a teacher. For example, there are lyrical and technical etudes for each instrument which would work well as audition music for your ensembles. The daily routines can be used with your students to encourage good fundamental skills. From the web page, the videos can be shown to your brass players to clarify critical skills such as breathing or posture.

Teaching Brass: A Guide for Students and Teachers will be updated each August with additional sound files and videos, new partnerships with vendors and more resources. Be sure to monitor the web page even after you graduate so you can continue to utilize all that *Teaching Brass* has to offer.

1. Breath Support

Directions:

1. No instruments are needed for this activity.
2. Have a piece of notebook paper handy.
3. Triangular noteheads mean inhale.
4. Square noteheads mean blow.

Phrase #1

$\text{♩} = 80$

Blow all of your air out. Hold with empty lungs as you count the rests. **2**

6

Breathe normally as you rest.

Phrase #2

9 Hold your notebook paper in front of your mouth at arm's length. Blow all your air out. Move the paper with your air flow. Hold with empty lungs as you count the rests. **2**

13 Move the paper with your air flow. Breathe normally as you rest.

Phrase #3

17 Put your paper down. Blow all of your air out. Hold with empty lungs as you count the rests. **2**

22 Blow on your hand to measure your air flow. Breathe normally as you rest.

Phrase #4

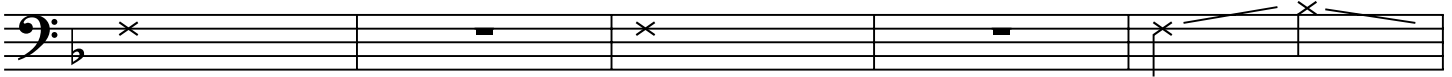
25 Turn to your neighbor and put your hand up so he or she can blow on it. Blow all of your air out. Hold with empty lungs as you count the rests. **3**

30 Who can create a more generous air flow?

Trombone and Euphonium

Buzz any pitch on the mouthpiece.

Move up and down from your pitch.



Match the pitch with the mouthpiece buzz.

Play this pitch on the piano.

Sing the pitch in any octave.

A musical staff in bass clef with a key signature of one flat. It contains five measures of music. The first measure has an 'x' on the first line. The second measure has an 'x' on the second space. The third measure has an 'x' on the second space and a slur over a horizontal line on the second space. The fourth measure has a horizontal line on the second space. The fifth measure has a horizontal line on the second space.

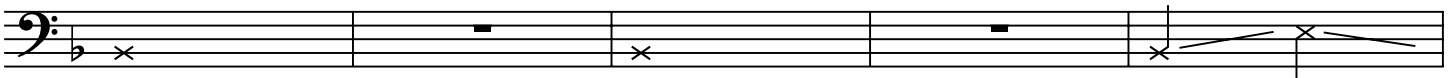
Match the pitch with the mouthpiece buzz.

A musical staff in bass clef with a key signature of one flat. It contains five measures of music. The first measure has an 'x' on the first line. The second measure has a horizontal line on the second space. The third measure has an 'x' on the second space and a slur over a horizontal line on the second space. The fourth measure has an 'x' on the second space. The fifth measure has a double bar line and a repeat sign.

Tuba

Buzz any pitch on the mouthpiece.

Move up and down from your pitch.



Match the pitch with the mouthpiece buzz in the indicated octave.

Play this pitch on the piano.

Sing the pitch in any octave.

A musical staff in bass clef with a key signature of one flat. It contains five measures of music. The first measure has an 'x' on the first line. The second measure has an 'x' on the second space. The third measure has an 'x' on the second space and a slur over a horizontal line on the second space. The fourth measure has a horizontal line on the second space. The fifth measure has a horizontal line on the second space.

Match the pitch with the mouthpiece buzz in the indicated octave.

A musical staff in bass clef with a key signature of one flat. It contains five measures of music. The first measure has an 'x' on the first line. The second measure has a horizontal line on the second space. The third measure has an 'x' on the second space and a slur over a horizontal line on the second space. The fourth measure has an 'x' on the second space. The fifth measure has a double bar line and a repeat sign.

Group Buzzing Activities

1. Buzz *Twinkle, Twinkle, Little Star* together.
2. Buzz your school's fight song together.
3. Each student choose a familiar tune to buzz on the mouthpiece. Buzz it for the class without revealing the identity of the tune and see if everyone can tell what tune you are buzzing.

3. First Notes

♩ = 108

↑ = Inhale ▣ = Blow

Phrase #1

	Blow air through your instrument with no sound.	Count the blows:					Fingering: open
		1	2	3	4	5	
Trumpet in B \flat							
Horn in F	Blow air through your instrument with no sound.	Count the blows:					Fingering: open
		1	2	3	4	5	
Trombone/Euphonium	Blow air through your instrument with no sound.	Count the blows:					Trombone fingering: first position
		1	2	3	4	5	
Tuba	Blow air through your instrument with no sound.	Count the blows:					Euphonium and Tuba fingering: open
		1	2	3	4	5	

Phrase #2

	Blow air through your instrument with no sound.	Play				
B \flat Tpt.						
Hn.	Blow air through your instrument with no sound.	Play				
Tbn./Eu.	Blow air through your instrument with no sound.	Play				
Tuba	Blow air through your instrument with no sound.	Play				

Phrase #3

	Play	Breathe on the rests.		Breathe on beat 4.	
B \flat Tpt.					
Hn.	Play	Breathe on the rests.		Breathe on beat 4.	
Tbn./Eu.	Play	Breathe on the rests.		Breathe on beat 4.	
Tuba	Play	Breathe on the rests.		Breathe on beat 4.	