

3D BAND BOOK

A THREE-DIMENSIONAL APPROACH TO A BETTER BAND

As easy as ONE-TWO-THREE!

BY JAMES D. PLOYHAR & GEORGE B. ZEPP

CONTENTS

	Student Book			
INTRODUCTION TO HARMONY.....	3			
I. TUNE UP-WARM UP				
Tuning (Unison and Chords)	6			
Lip Slurs (Brasses)	7			
Embouchure Studies (Woodwinds)	8			
Chromatic Studies	9			
II. KEY PREPARATION				
Concert (C) <u>Instruments</u>	F <u>Instruments</u>	B$\flat$ <u>Instruments</u>	E$\flat$ <u>Instruments</u>	
Key of: B $\flat$	F	C	G	 10
Key of: g minor	d minor	a minor	e minor	 11
Key of: E $\flat$	B $\flat$	F	C	 12
Key of: c minor	g minor	d minor	a minor	 13
Key of: F	C	G	D	 14
Key of: d minor	a minor	e minor	b minor	 15
Key of: A $\flat$	E $\flat$	B $\flat$	F	 16
Key of: f minor	c minor	g minor	d minor	 17
Key of: C	G	D	A	 18
Key of: a minor	e minor	b minor	f $\sharp$ minor	 19
Key of: D $\flat$	A $\flat$	E $\flat$	B $\flat$	 20
Key of: b $\flat$ minor	f minor	c minor	g minor	 21
Key of: G $\flat$	D $\flat$	A $\flat$	E $\flat$	 22
Key of: e $\flat$ minor	b $\flat$ minor	f minor	c minor	 23
Key of: G	D	A	E	 24
Key of: e minor	b minor	f $\sharp$ minor	c $\sharp$ minor	 25
Key of: D	A	E	B	 26
Key of: b minor	f $\sharp$ minor	c $\sharp$ minor	g $\sharp$ minor	 27
Key of: A	E	B	F $\sharp$	 28
Key of: f $\sharp$ minor	c $\sharp$ minor	g $\sharp$ minor	d $\sharp$ minor	 29
III. RHYTHM PREPARATION				
Eights and Sixteenths.....				30
Alla Breve (Cut Time)				31
3/8 Time.....				32
6/8 Time.....				33
Triplets.....				34
Syncopation.....				35
9/8 Time.....				36
12/8 Time.....				37
Mixed Meters.....				38

TO THE STUDENT

The 3-D BAND BOOK is a three-dimensional approach to REHEARSAL PREPARATION. This complete TUNE UP-WARM UP program will *reduce rehearsal stress* and *permit greater accomplishment with less effort*. The overall preparedness that this book provides will make every rehearsal a more rewarding and enjoyable experience.

The book is divided into the following sections:

- I. TUNE UP-WARM UP
- II. KEY PREPARATION
- III. RHYTHM PREPARATION

In addition, there are three pages of HARMONY and EAR TRAINING which will provide the basic knowledge necessary for relating to the EXERCISES and CHORALES found in the book. By following the instructions as to the use of this book, as explained by your director, you will be able to approach every rehearsal period with confidence and skill.

CHORALES

Student
Book

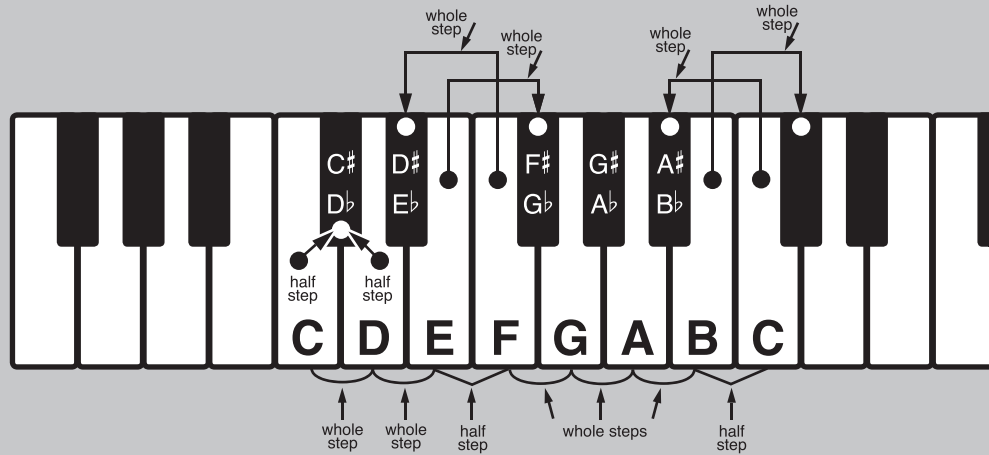
A MIGHTY FORTRESS IS OUR GOD - Luther/Bach.....	10
WHEN ON THE CROSS THE SAVIOUR HUNG - J.S. Bach.....	11
HOW BRIGHTLY SHINES THE MORNING STAR - Nicolai/Bach.....	12
JESUS, PRICELESS TREASURE - J. S. Bach.....	13
LET ALL TOGETHER PRAISE OUR GOD - J.S. Bach	14
WHO IS THE MAN? - German Melody	15
O THOU OF GOD THE FATHER - J.S. Bach.....	16
THE GOD OF ABRAHAM PRAISE - Hebrew Melody	17
THE BLESSED CHRIST IS RISEN TODAY - Praetorius	18
LORD GOD, NOW OPEN WIDE THY HEAVEN - M. Altenburg	19
WATCHMAN, TELL US OF THE NIGHT - J.S. Bach	20
COME, LET US ALL WITH FERVOUR - J.S. Bach.....	21
TO GOD WE RENDER THANKS AND PRAISE - M. von Hessen	22
IN PEACE AND JOY I NOW DEPART - J.S. Bach.....	23
HARK! A VOICE SAITH, ALL ARE MORTAL - J.S. Bach	24
IN THEE, LORD, HAVE I PUT MY TRUST - J.S. Bach	25
O GOD, IN WHOM WE LIVE AND MOVE - Johann Schein.....	26
O SACRED HEAD NOW WOUNDED - Hans Leo Hassler	27
THE BEAUTEOUS DAY NOW CLOSETH - Heinrich Isaak	28
COME, CHRISTIAN FOLK - J.S. Bach	29

PUBLISHED FOR:

Conductor	B♭ Bass Clarinet	E♭ Baritone Saxophone	Baritone (Treble Clef)
Flute	Oboe	B♭ Cornet-Trumpet	Baritone (Bass Clef)
E♭ Clarinet	Bassoon	Horn in F	Bass (Tuba)
B♭ Clarinet	E♭ Alto Saxophone	Horn in E♭ (Mellophone)	Drums
E♭ Alto Clarinet	B♭ Tenor Saxophone	Trombone	Bells

HARMONY

HARMONY IS THE ART OF COMBINING NOTES INTO CHORDS. IT IS THE STUDY OF HOW THE ELEMENTS OF MUSIC ARE PUT TOGETHER.



On the piano keyboard pictured above you can see that a HALF STEP is the distance from one note to the note directly above or below it, regardless of whether it is a black key or a white key. Notice that E to F and B to C are half-steps because there is no black key (half-step) between them. A WHOLE STEP consists of TWO half-steps.

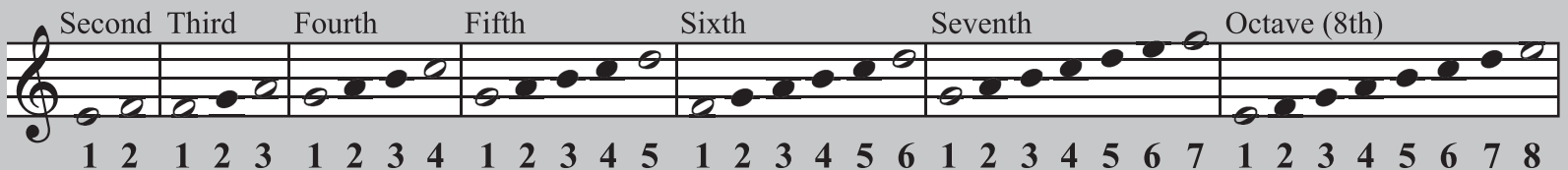
Intervals

AN INTERVAL IS THE DIFFERENCE IN PITCH BETWEEN TWO NOTES

Intervals are identified by numbers. The number name of an interval tells you how much higher its top note is than its lower note.

To find the number name of an interval, count the lines and spaces between the notes. Count the bottom note as “one.” The number of the top note tells you the name of the interval.

STUDY THE FOLLOWING EXAMPLES:



Major and Minor

Intervals also have SIZE names. The size of an interval is determined by the number of STEPS and HALF-STEPS between the two notes

Some intervals (2nd, 3rd, 6th, 7th) can be MAJOR (large) or MINOR (small). FOR EXAMPLE:

The notes of a MAJOR (large) 3rd
are TWO WHOLE STEPS apart:



major 3rd

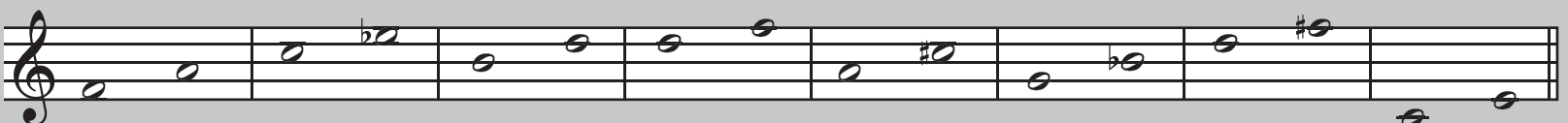
whole step whole step

The notes of a MINOR (small) 3rd
are a **WHOLE STEP** + a **HALF STEP** apart:

minor 3rd

whole step half step

The following intervals are thirds. You decide if they are major or minor by counting steps and half-steps. The keyboard picture at the top of the page will tell you which notes are only a half-step apart.



MEMORIZE: The intervals that can be MAJOR or MINOR are the 2nd, 3rd, 6th, 7th.