

David Roth

Kell High School
Marietta, GA

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Achieving clarity



through

DEFINITION



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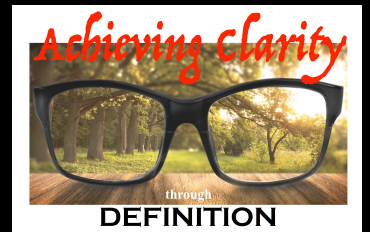
OVERVIEW

PROCESS – the systems

PEDAGOGY – the teaching

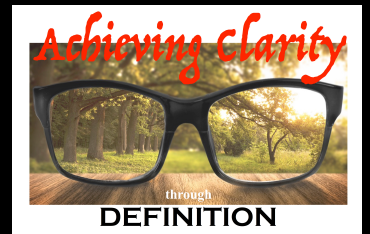
PLANNING – yearly/monthly/weekly/daily

PERFORMANCE – defined vs. undefined



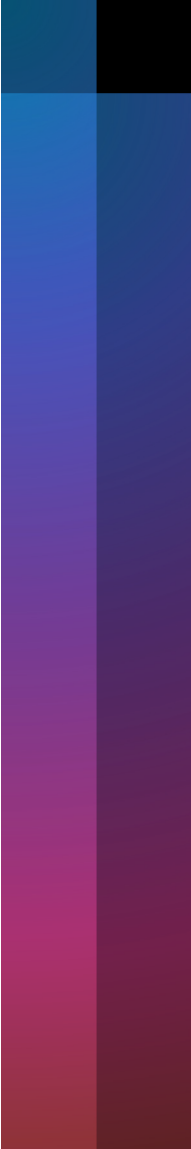
DEFINE EVERYTHING

- ** Note Lengths
- ** Note Shapes
- ** Balance Points
- ** Release Points
- ** Pitch Tendencies
- ** Phrase Shape
- ** Concert Plan (monthly, weekly, daily)



YOU'RE the chef!



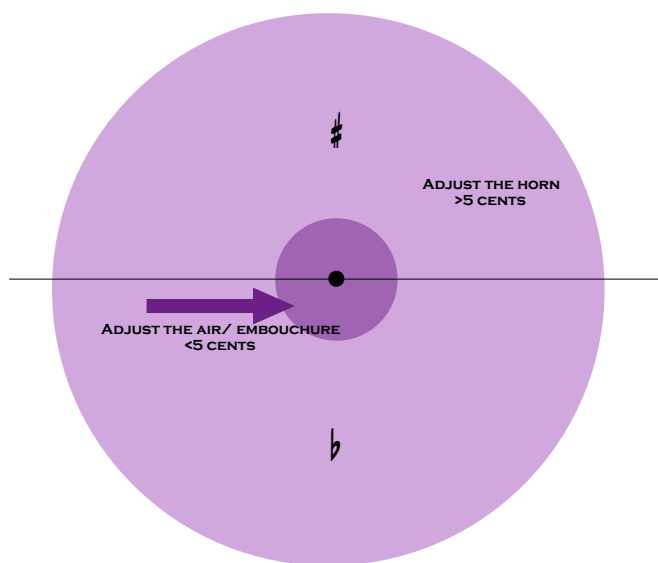


YOU'RE the chef!

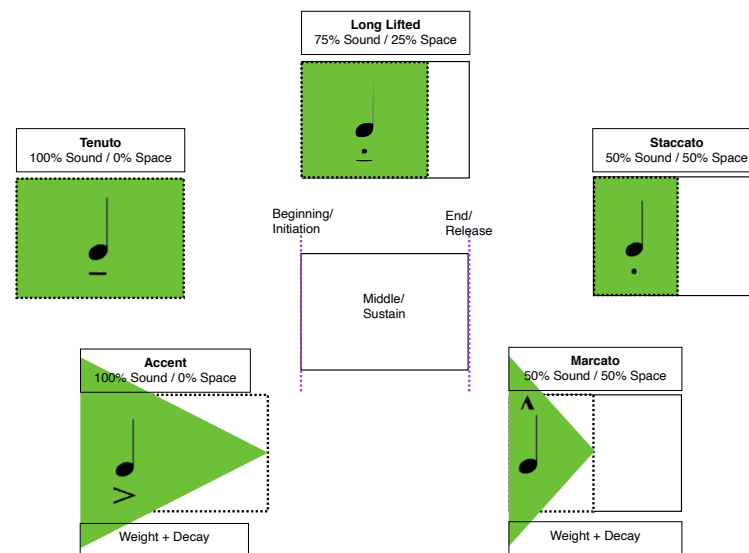
- SOUND
- PITCH
- NOTE LENGTHS/SHAPES
- BALANCE POINTS
- ARTICULATION
- DYNAMICS
- PHRASE SHAPE
- VERTICAL ALIGNMENT
- TECHNIQUE

It Starts Here!

PITCH BULLSEYE

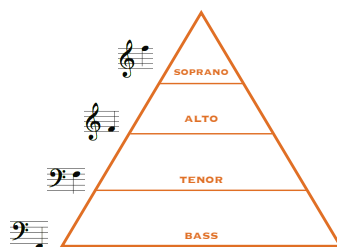
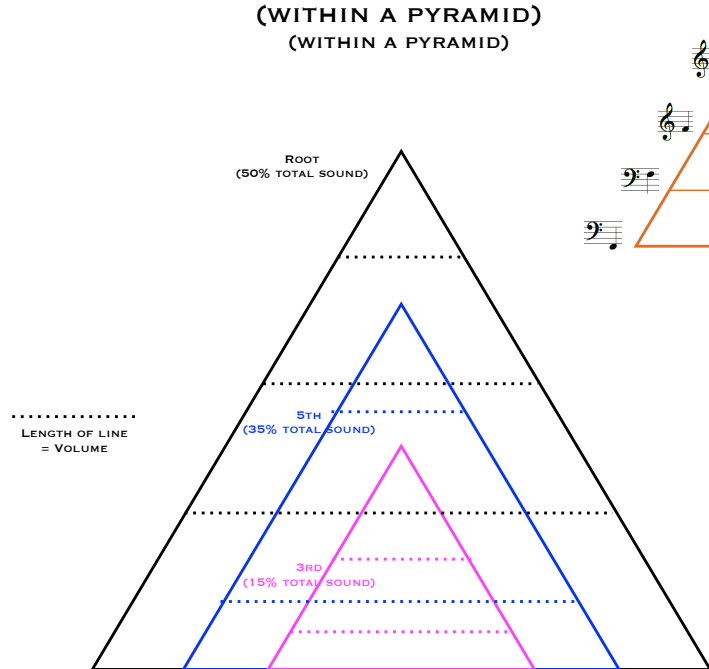


NOTE SHAPES AND NOTE LENGTHS



Inception Pyramid/ Harmony Chords

THE "INCEPTION" PYRAMID (WITHIN A PYRAMID) (WITHIN A PYRAMID)



Chordal tuning and balancing:
 Root— 50% of sound, "straight up"
 Perfect 5th— 35% of sound, +2 cents
 Major 3rd— 15% of sound, -14 cents

Harmony Chords

Choir Groups:
 1— Tuba, Bari Sax, Bsn, BC
 2— Euph, TB, Tenor
 3— Horn, Alto
 4— Tpt, Clar, Oboe, Flute

Musical score for Harmony Chords, showing staves for various instruments: Flute, Oboe, Clarinet in Bb, Bass Clarinet, Bassoon, Alto Sax, Tenor Sax, Baritone Sax, Trumpet in Bb, Horn in F, Trombone, Baritone (B.C.), and Tuba.

Pitch Groups:
 1— Tuba, Bari Sax, Bsn, BC
 2— Euph, Horn, 3rd Tpt, Tenor, 3rd Clar
 3— 2nd TB, 2nd Tpt, 2nd Alto, 2nd Clar, Oboe, 2nd Flute
 4— 1st TB, 1st Tpt, 1st Alto, 1st Clar, 1st Flute

Pitch Group Chord Responsibilities

ROOT (octave)	Bb	Eb	F	Bb
5th	F	Bb	C	F
3rd	D	G	A	D
ROOT	Bb	Eb	F	Bb

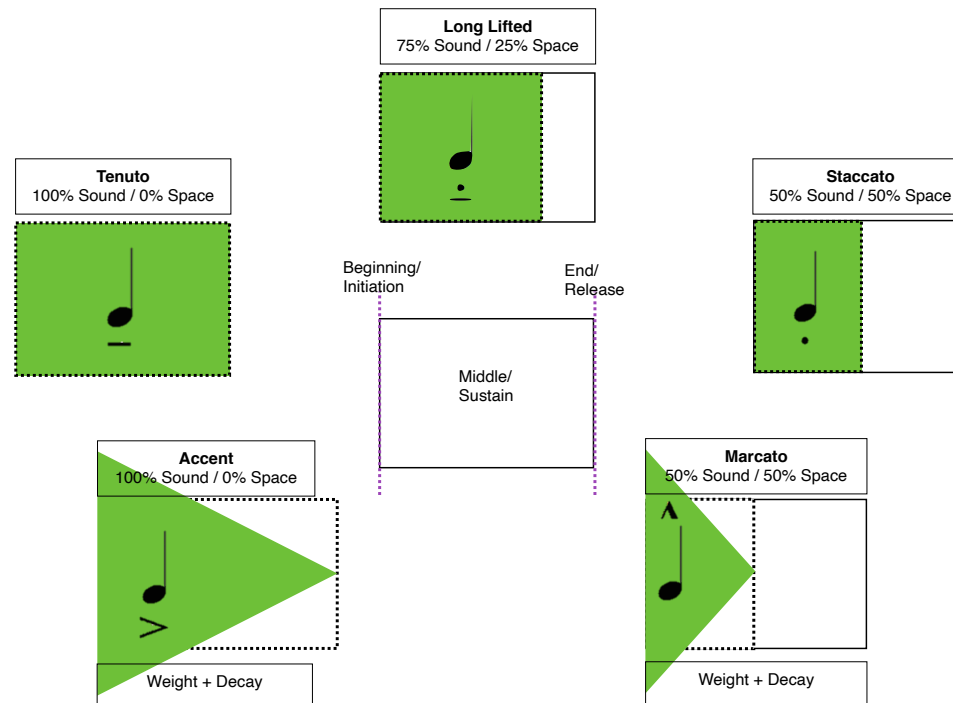
Tools, Truths, and Tricks

We are what we repeatedly do; excellence, then, is not an act but a habit -- Aristotle

- **Cinder blocks of sound**

Cinder Blocks of Sound (Note Shapes)

NOTE SHAPES AND NOTE LENGTHS



Cinder Blocks of Sound (Note Shapes)

Note shape exercise on F concert



“A 23” (Remingtons starting on Bb/F) with staccato quarters

“A 56” (ascending Remingtons starting on Bb/F) with accented quarters

[illegible]

Tools, Truths, and Tricks

We are what we repeatedly do; excellence, then, is not an act but a habit -- Aristotle

- Cinder blocks of sound
- **Tune and balance to the octave beneath you**

Tune and Balance to the Octave Below You

F concert duet



60/40

50/50

F concert full band



Balanced

Treble

Bb Major triad full band

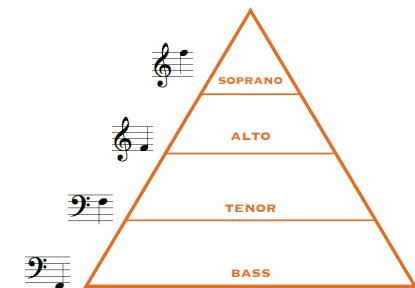
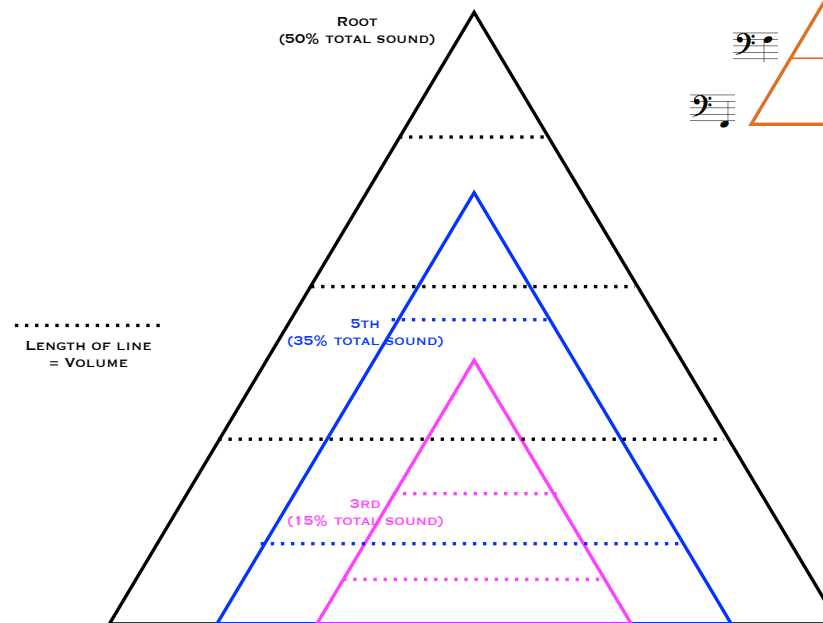


Balanced

Too much F

Treble

THE “INCEPTION” PYRAMID
(WITHIN A PYRAMID)
(WITHIN A PYRAMID)



Tools, Truths, and Tricks

We are what we repeatedly do; excellence, then, is not an act but a habit -- Aristotle

- Cinder blocks of sound
- Tune and balance to the octave beneath you
- **The *FASTER* we go, the *LIGHTER* we tongue**

The FASTER we go, the LIGHTER we tongue

5 at a time

9 at a time

Student Book - Page 19

106

The musical score is divided into five systems, each with a label in a box: A, B, C, D, and E. Each system contains two staves, a treble staff and a bass staff. The music is written in a key with two flats (B-flat and E-flat) and common time (C). The notation is highly rhythmic, featuring many sixteenth and thirty-second notes, often beamed together. System A starts with a treble staff and a bass staff. System B continues the pattern. System C and D also follow the same structure. System E concludes the piece with a final cadence. The page number 106 is centered above the first system.

Tools, Truths, and Tricks

We are what we repeatedly do; excellence, then, is not an act but a habit -- Aristotle

- Cinder blocks of sound
- Tune and balance to the octave beneath you
- The *FASTER* we go, the *LIGHTER* we tongue
- **The last note of a slur takes on the characteristic of the note that follows**

Last Note of a Slur = Character of the Next Note



Slur 2 / Tongue 2



Defined



Undefined

Tools, Truths, and Tricks

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- Cinder blocks of sound
- Tune and balance to the octave beneath you
- The *FASTER* we go, the *LIGHTER* we tongue
- The last note of a slur takes on the characteristic of the note that follows
- **Define release points**

Night Journey (Chris Bernotas)

16

81

Fl.

Ob.

Bsn.

mf

1

2

Cls.

slightly detached

B. Cl.

mf

slightly detached

1

2

A. Sax.

slightly detached

2

T. Sax.

slightly detached

mf

Bar. Sax.

slightly detached

mf

81

1

2

Tpts.

slightly detached

Hn.

mf

slightly detached

1

2

Trb.

mf

slightly detached

2

Euph.

mf

slightly detached

Tuba

mf

Mil. Perc.

Bells

Perc. 1

mf

Perc. 2

mf

Timp.

mf

81 82 83 84 85

DP200104

FL.

Ob.

Bsn.

1

Clc.

2

B. Cl.

1

A. Saxes

2

T. Sax.

Bar. Sax.

1

Tpts.

2

Hn.

1

Trbs.

2

Euph.

Tuba

Mlt. Perc.

Perc. 1

Perc. 2

Timp.

89

mp

89

89

89

DP200104

Tools, Truths, and Tricks

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- Cinder blocks of sound
- Tune and balance to the octave beneath you
- The *FASTER* we go, the *LIGHTER* we tongue
- The last note of a slur takes on the characteristic of the note that follows
- Define release points
- **Define balance points**

Define Balance Points – Clear the Way!

Huntington Ridge
(David Gorham)



Without definitions



With definitions
balance @ 75
note shape / style
last note of a slur
clearing the way @ 84

This image shows a page of a musical score for 'Huntington Ridge' by David Gorham. The score is for a full orchestra and includes parts for Flute, Oboe, Clarinet, Alto Saxophone, Tenor Sax, Bass Clarinet, Trumpet, Horn, Trombone, Baritone, Bass, Alto Clarinet, Tuba, Euphonium, Snare Drum, Cymbal, and Bass Drum. The score is divided into two systems. The first system ends at measure 74, and the second system begins at measure 75. The notation is in 4/4 time and features various musical notations including slurs, ties, and dynamic markings. The score is presented without any balance definitions.

This image shows a page of a musical score for 'Huntington Ridge' by David Gorham, similar to the one on the left but with balance definitions. The score is for a full orchestra and includes parts for Flute, Oboe, Clarinet, Alto Saxophone, Tenor Sax, Bass Clarinet, Trumpet, Horn, Trombone, Baritone, Bass, Alto Clarinet, Tuba, Euphonium, Snare Drum, Cymbal, and Bass Drum. The score is divided into two systems. The first system ends at measure 74, and the second system begins at measure 75. The notation is in 4/4 time and features various musical notations including slurs, ties, and dynamic markings. The score is presented with balance definitions, which are indicated by red 'BP' (Balance Point) markings and red circles around specific notes.

Tools, Truths, and Tricks

We are what we repeatedly do; excellence, then, is not an act but a habit -- Aristotle

- Cinder blocks of sound
- Tune and balance to the octave beneath you
- The *FASTER* we go, the *LIGHTER* we tongue
- The last note of a slur takes on the characteristic of the note that follows
- Define release points
- Define balance points
- **Define agogic weight moments**

Define Agogic Weight Moments

The image displays a handwritten musical score for piano, spanning measures 30 to 35. The notation is in 4/4 time and B-flat major. Measures 30-32 are marked with a circled '30' at the beginning. Red annotations highlight specific 'Agogic Weight Moments': red dots above notes, red arrows pointing to notes, and red wavy lines under notes. Fingerings are indicated by the number '1'. The score is written on two systems of grand staves (treble and bass clef). The first system contains measures 30, 31, and 32. The second system contains measures 33, 34, and 35. The music consists of eighth and sixteenth notes, often beamed together, with rests. The red markings are used to emphasize certain notes or groups of notes, likely indicating where the performer should place emphasis or sustain the sound.

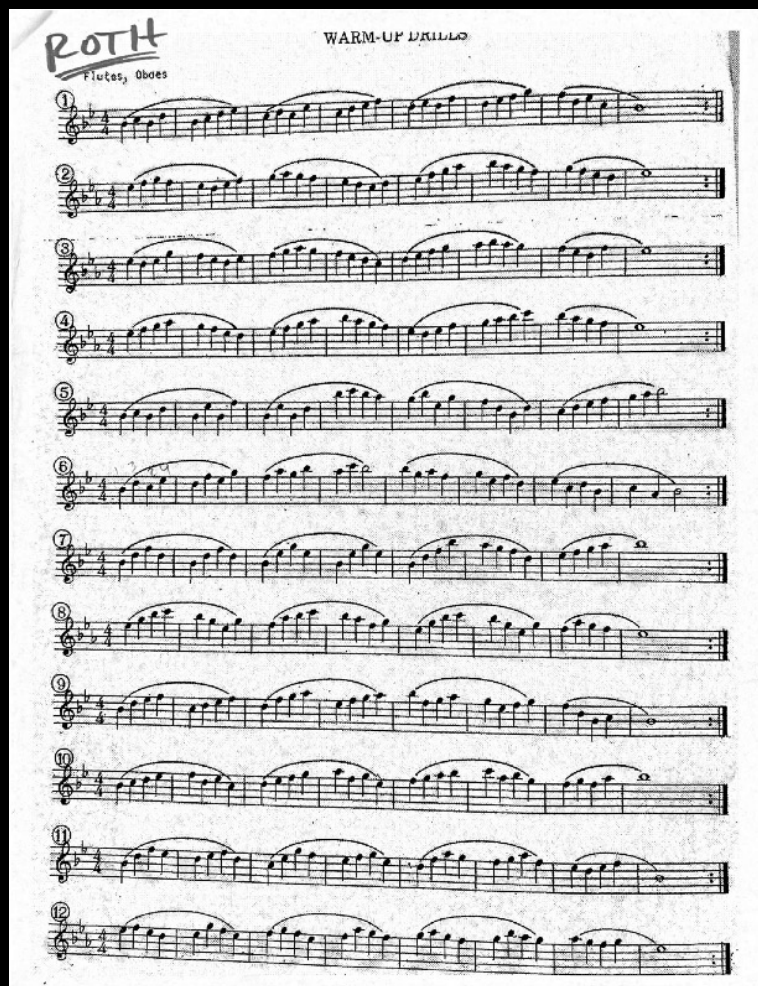
101 Rhythmical Rests (Yaus)

Tools, Truths, and Tricks

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- Cinder blocks of sound
- Tune and balance to the octave beneath you
- The *FASTER* we go, the *LIGHTER* we tongue
- The last note of a slur takes on the characteristic of the note that follows
- Define release points
- Define balance points
- Define agogic weight moments
- **Play it wrong on purpose**

Play it Wrong on Purpose



Tools, Truths, and Tricks

We are what we repeatedly do; excellence, then, is not an act but a habit -- Aristotle

- Cinder blocks of sound
- Tune and balance to the octave beneath you
- The *FASTER* we go, the *LIGHTER* we tongue
- The last note of a slur takes on the characteristic of the note that follows
- Define release points
- Define balance points
- Define agogic weight moments
- Play it wrong on purpose
- **If it's boring to play, it's boring to listen to**

Micro and Macro Phrase Shape

Handwritten musical score for Symphonic Band Technique (Rhodes and Bierschenk). The score is written on two staves, Treble and Bass clef, in 2/4 time. It features various musical notations including notes, rests, and dynamic markings. The score is divided into sections labeled A, B, C, D, E, F, and G. Handwritten annotations include "D.C. at Fine", "116", "out", "100", "mf", "f", "p", "sub", "stay light", and "D.C. at Fine". The score concludes with "Fine" and "D.C. at Fine".

Symphonic Band Technique (Rhodes and Bierschenk)

Micro and Macro Phrase Shape

10

March time

The musical score for Study 10, 'March time', is presented in a two-staff format. The key signature is one flat (B-flat major), and the time signature is 2/4. The piece is marked 'f' (forte). The right hand plays a steady eighth-note pattern, while the left hand plays a more complex rhythmic pattern. The melody is a simple, repetitive eighth-note figure.

40 rhythmical Studies (Grover C. Yaus)

6

Flute

Oboe

Cl. 1

Cl. 2

B. Cl.

Bass

A. Sax. 1

A. Sax. 2

A. Cl.

T. Sax.

B. Sax.

Tpt. 1/2

Tpt. 3

F. Hn.

Tbn. 1/2

Tbn. 3

Bar.

Tuba

Timp.

Mallets

S.D.

B.D.

Cym.

Aux.

30 31 32 33 34

DEFINE

Balance Points

** in each family!

** why?

Note shapes

** short/long

** releases/breaths

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Non-Defined



Defined



	week 6	week 7	week 8	week 9	week 10
	10/11 (3 ensemble days) **Cobb Exh / Sectionals	10/18 (5 ensemble days)	10/25 (5 ensemble days)	11/1 (2 ensemble days) **Election Day Tuesday	11/8 (4 ensemble days) ** Jeff surgery Wednesday
Fund.	Sound/Pitch Singing, open 5 th playing/singing, modeling, P23X, A23, 56, HC, WUD Intervals/ Range F/ Bb sequence, Bb add a note Articulation Note length, shapes on HC, SBT 106 Technique "6 minutes" mm=60, SBT scales in 3rds Rhythm 101 RR, 72 FR Chorales 36 Chorales Sight-Reading 204, SRF ~45 minutes per day (55%)	Sound/Pitch Singing, open 5 th playing/singing, modeling, P23X, A23, 56, HC, WUD Intervals/ Range F/ Bb sequence, Bb add a note Articulation Note length, shapes on HC, SBT 106 Technique "6 minutes" mm=60, SBT scales in 3rds Rhythm 101 RR, 72 FR Chorales 36 Chorales Sight-Reading 204, SRF ~40 minutes per day (50%)	Sound/Pitch Singing, open 5 th playing/singing, modeling, P23X, A23, 56, HC, WUD Intervals/ Range F/ Bb sequence, Bb add a note Articulation Note length, shapes on HC, SBT 106 Technique "6 minutes" mm=60, SBT scales in 3rds Rhythm 101 RR, 72 FR Chorales 36 Chorales Sight-Reading 204, SRF ~40 minutes per day (50%)	Sound/Pitch Singing, open 5 th playing/singing, modeling, P23X, A23, 56, HC, WUD Intervals/ Range F/ Bb sequence, Bb add a note Articulation Note length, shapes on HC, SBT 106 Technique "6 minutes" mm=60, SBT scales in 3rds Rhythm 101 RR, 72 FR Chorales 36 Chorales Sight-Reading 204, SRF ~35 minutes per day (45%)	Sound/Pitch Singing, open 5 th playing/singing, modeling, P23X, A23, 56, HC, WUD Intervals/ Range F/ Bb sequence, Bb add a note Articulation Note length, shapes on HC, SBT 106 Technique "6 minutes" mm=60, SBT scales in 3rds Rhythm 101 RR, 72 FR Chorales 36 Chorales Sight-Reading 204, SRF ~35 minutes per day (45%)
Giroux (An Epic Fanfare)					INTRODUCE / MACRO ALL
Chambers (Cedar Canyon Sketches)	MACRO ALL	MACRO ALL	MACRO ALL	MACRO ALL	MACRO ALL
Ives (Variations on America)	MACRO G – L REVIEW TOP - G	DEFINE G-J REVIEW TOP - G	REVIEW TOP - G	MACRO TOP-L	DEFINE J-L REVIEW top – J MACRO L - end
Sousa (Manhattan Beach)					
Wilson (Conversations)	REVIEW 1-97 MACRO 97-END	DEFINE 97-123 REVIEW 1-97 MACRO 123-END	DEFINE 123-END REVIEW 1-123	MACRO ALL	REVIEW ALL
Thomas (A Mother of a Revolution)	DEFINE 24-44 REVIEW 1-24	REVIEW 1-44	DEFINE 44-65 REVIEW 1-44	MACRO ALL	DEFINE 65-79 REVIEW 1-65 MACRO 79-END

WEEK 8: 10/25 – 10/29

MONDAY (0)	TUESDAY (80) (12:10-1:30)	WEDNESDAY (80) (11:55-1:15)	THURSDAY (80) (12:10-1:30)	FRIDAY (80) (11:55-1:15)
Study Hall Day post-competition	12:10 Long tones F/Bb, A23, 56, HC/ tune	11:55 Long tones F/Bb, A23, 56, HC/ tune	12:10 Long tones F/Bb, A23, 56, HC/ tune	11:55 Long tones F/Bb, A23, 56, HC/ tune
	12:20 Artic on HC	12:05 F intervals (expand to 8va)	12:20 F intervals (expand to 8va)	12:05 Artic on HC
	12:25 6 Minutes (mm=72, Bb-A)	12:10 Artic F intervals	12:25 Artic F intervals	12:10 6 Minutes (mm=72, Bb-A)
	12:40 SRF in chamber groups	12:15 6 Minutes (mm=72, Bb-A)	12:30 6 Minutes (mm=72, Bb-A)	12:25 SRF in chamber groups
	12:50 Wilson 123-end define	12:30 Chorale #12	12:45 Chorale #12	12:35 Chambers all
	1:20 Ives top to J review	12:40 Ives top-J review	12:55 Chambers all	12:45 Ives top – J rev
		12:50 Thomas 44-65 def	1:10 Thomas 44-65 def	12:55 Wilson all review
		1:10 Wilson all review	1:25 Wilson all review	1:05 Thomas 1-65 rev

TOTAL TIME: 320 minutes

FUNDAMENTALS: 170	THOMAS: 45 (20 + 15 + 10)
Long Tones/ Harmony Chords: 40	44-65 define (twice), 1-65 review
Interval/ Range and Tone Muscle Builder: 10	
Articulation/ Note Shape Exercises: 20	CHAMBERS: 25 (15 + 10)
Technique (“6 Minutes” etc.): 60	All macro (work 5/8 accomp)
Rhythm: 20	
Chorales: 20	
WILSON: 50 (30 + 5 + 5 + 10)	
123-end (define), all review (3x)	
IVES: 30 (10 + 10 + 10)	
Top – J review (3x)	

DEFINE

Release Points

** space? clipped?

Phrase Shape

** direction of line

** direction of motif

50) 50 MELODY / COUNTER

The image shows a handwritten musical score for a jazz ensemble. The score is divided into two systems, each with ten staves. The instruments listed on the left are: Flute/Oboe, Clarinet (1 and 2), Alto Sax (1 and 2), Tenor Sax, Trumpet (1 and 2), French Horn (1 and 2), Trombone (1 and 2), Baritone/Euphonium/Wall Mute/Tuba, Bells, Snare Drum, and Cymbals/Drum. The score includes various musical notations such as notes, rests, and dynamic markings. Handwritten annotations in red and blue ink are present throughout the score. In the first system, there is a red circle around a measure in the Baritone/Euphonium/Wall Mute/Tuba staff, with the word "Mute" written in red. In the second system, there are several red circles and arrows, with the words "MATCH!", "FL + Perc", "TONE TRAC", and "EPM" written in red. The page number "4" is written at the bottom center.



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David Gorham

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Non-Defined

Defined



Melodic Lines

Balance Points

- ** who to listen for
- ** balance within lines

FULL SCORE

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Grade 3.5

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INSTRUMENTATION

Full Score	1
Flute 1	4
Flute 2	4
Oboe	2
Clarinet 1 in B $\flat$	4
Clarinet 2 in B $\flat$	4
Clarinet 3 in B $\flat$	4
Bass Clarinet in B $\flat$	2
Bassoon	2
Alto Saxophone 1 in E $\flat$	2
Alto Saxophone 2 in E $\flat$	2
Tenor Saxophone in B $\flat$	2
Baritone Saxophone in E $\flat$	2
Trumpet 1 in B $\flat$	4
Trumpet 2 in B $\flat$	4
Trumpet 3 in B $\flat$	4
Horn 1 in F	2
Horn 2 in F	2
Trombone 1	3
Trombone 2	3
Euphonium T.C. in B $\flat$	2
Euphonium B.C.	3
Tuba	4
Mallet Percussion 1	2
Vibraphone, Chimes	1
Mallet Percussion 2	1
Marimba	1
Percussion 1	2
Shore Drum, Bass Drum	1
Percussion 2	5
Tambourine, Suspended Cymbal, Triangle, Crash Cymbals, Shaker	1

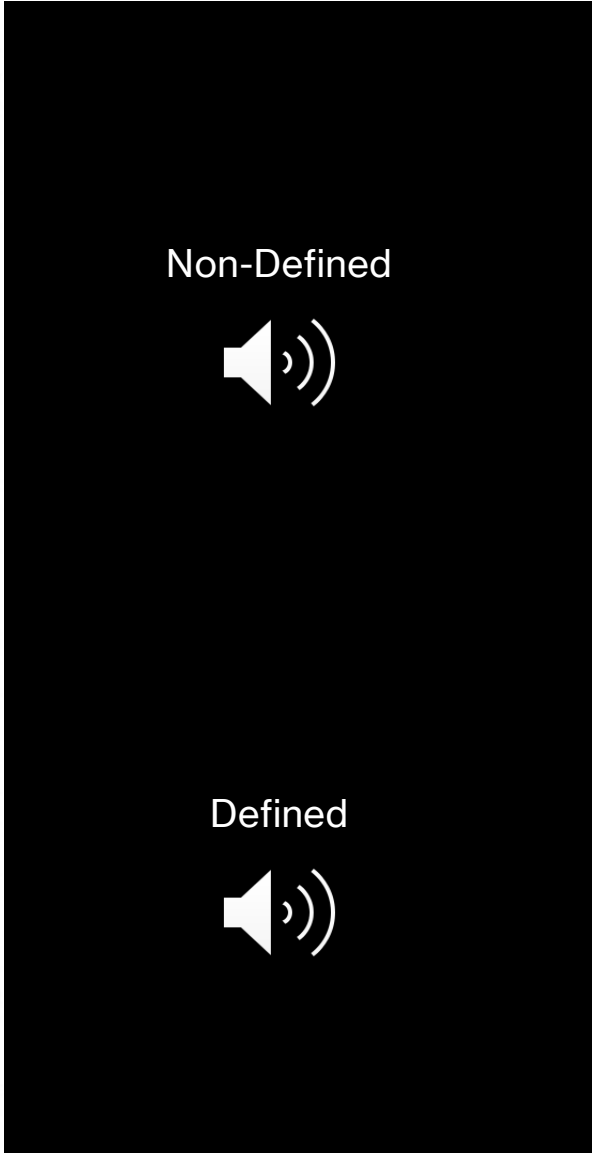
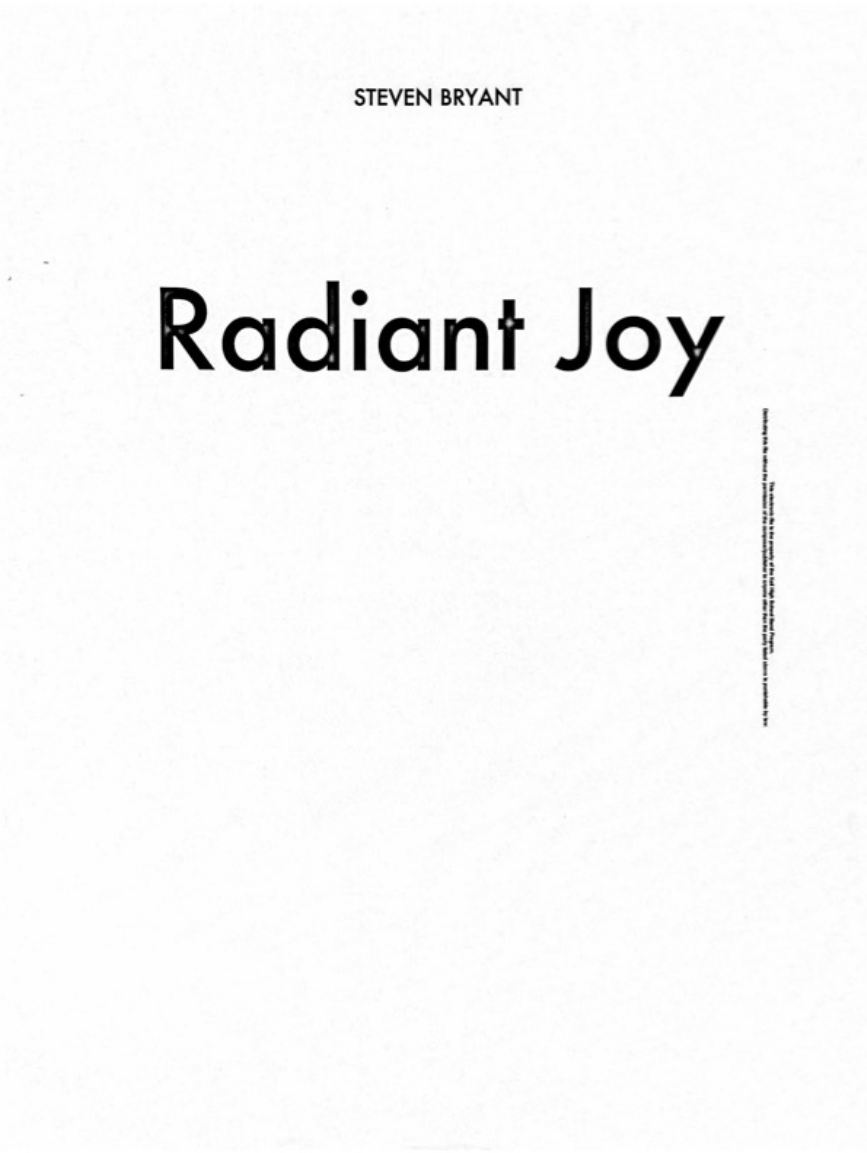
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