Unit 3: Scale Studies

Content Area: **Music**
Course(s): **Chamber Orchestra H**
Time Period:
Length: **50 days (overlaid), 9-12**
Status: **Published**

Title Section

Department of Curriculum and Instruction

Belleville Public Schools

Curriculum Guide

Chamber Orchestra Honors, 10-12

Scale Studies

Belleville Board of Education

102 Passaic Avenue

Belleville, NJ 07109

Prepared by: Music Teacher, Anthony Gotto

Dr. Richard Tomko, Ph.D., M.J., Superintendent of Schools

Ms. LucyAnn Demikoff, Director of Curriculum and Instruction K-12

Ms. Nicole Shanklin, Director of Elementary Education K-8, ESL Coordinator K-12

Mr. George Droste, Director of Secondary Education

Board Approved: September 23, 2019

Unit Overview

This unit will present the various concert scales students need to be able to advance their playing ability as young musicians. Theses scales should correlate to the music being included in the concert repertoire. The objectives in this unit should be adjusted due to the individual student's ability level and experience level. For example a tenth grade student with four years of expeirience will be expected to play a different number of scales than a eleventh grades student with five years of experience.

Enduring Understanding

- Music is reflective of the culture(s) that created it.
- Music is always present in the surrounding world.
- Music is a form of communication
- Music is a vehicle of personal expression, style, and taste.
- Music is a language with its own syntax, structure, and rules.
- The creation of music fosters critical thinking.
- Music making involves a set of behaviors that ensure quality of preparation and presentation.
- Increasing technical skill and theoretical knowledge allows performers to better express the music and

themselves

Essential Questions

- How do people/I use music as a way to communicate with others?
- How can music influence your emotions?
- In what ways can musical elements become the foundation of your own composition?
- How do I hone my skills and fine-tune my work?
- How does my individual effort affect the group effort?
- What is quality in a music ensemble and how do you attain it?
- What can be learned from observing, analyzing, and evaluating the performances of myself and others?
- Why is music an important part of any culture?
- How does my musical interpretation reflect my personal culture?
- How does music change over time and place?
- Does music have to be considered beautiful by everybody?
- How do artists make decisions about their music?
- How does the time period in which a piece was written impact the performance of the piece?
- How does the peice's country of origin impact the performance of a piece?

Exit Skills

By the end of this unit the students should be able to:

- Compare present and past events to determine any lessons learned
- Compare and contrast previous performances to current performances
- Perform concert repertoire with a greater degree of technical accuracy
- Identify and properly perform aspects of music such as dynamics, articulation, and phrasing
- Identify common patterns and fingerings based on key signatures
- Identify key signatures more easily
- Perform scales in major and minor keys

New Jersey Student Learning Standards (NJSLS-S)

VPA.1.3.12.B.1	Analyze compositions from different world cultures and genres with respect to technique, musicality, and stylistic nuance, and/or perform excerpts with technical accuracy, appropriate musicality, and the relevant stylistic nuance.
VPA.1.3.12.B.2	Analyze how the elements of music are manipulated in original or prepared musical scores.
VPA.1.3.12.B.3	Improvise works through the conscious manipulation of the elements of music, using a variety of traditional and nontraditional sound sources, including electronic sound-generating equipment and music generation programs.
VPA.1.3.12.B.4	Arrange simple pieces for voice or instrument using a variety of traditional and nontraditional sound sources or electronic media, and/or analyze prepared scores using music composition software.

Interdisciplinary Connections

LA.RST.9-10.3	Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text.
LA.RST.11-12.3	Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks; analyze the specific results based on explanations in the text.
LA.RST.11-12.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11-12 texts and topics.
LA.RST.9-10.4	Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 9-10 texts and topics.

Learning Objectives

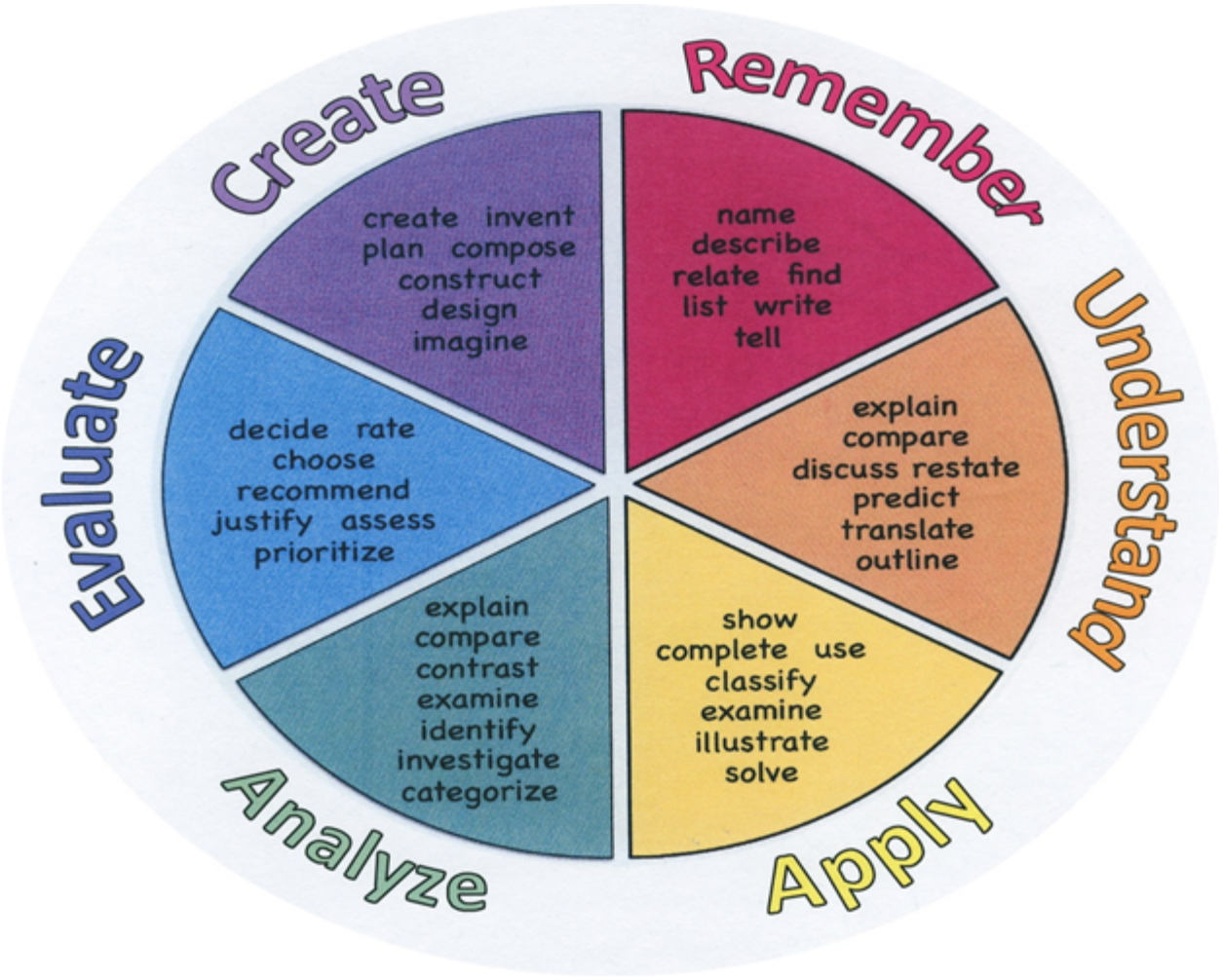
By the end of this unit the students will be able to:

- Perform the B flat Major Scale in various rhythmic patterns
- Perform the E flat Major Scale in various rhythmic patterns
- Perform the A flat Major Scale in various rhythmic patterns
- Perform the D flat Major Scale in various rhythmic patterns
- Perform the C flat Major Scale in various rhythmic patterns
- Perform the F Major Scale in various rhythmic patterns
- Perform the C Major Scale in various rhythmic patterns
- Perform the G Major Scale in various rhythmic patterns
- Perform the D Major Scale in various rhythmic patterns

- Perform the A Major Scale in various rhythmic patterns
- Perform the E Major Scale in various rhythmic patterns
- Perform the B Majort Scale in various rhythmic patterns
- Perofrm the C sharp Major Scale in various rhythmic patterns
- Perform the g minor scale in various rhythmic patterns
- Perform the a minor scale in various rhythmic patterns
- Perform the d minor scale in various rhythmic patterns
- Perform the e minor scale in various rhtythmic patterns
- Perform the c minor scale in various rhythmic patterns
- Perform the C Chormatic Scale in variuos rhythmic patterns
- Perform the B flat Chromatic Scale in various rhythmic patterns

Action Verbs: Below are examples of action verbs associated with each level of the Revised Bloom's Taxonomy.

Remember	Understand	Apply	Analyze	Evaluate	Create
Choose	Classify	Choose	Categorize	Appraise	Combine
Describe	Defend	Dramatize	Classify	Judge	Compose
Define	Demonstrate	Explain	Compare	Criticize	Construct
Label	Distinguish	Generalize	Differentiate	Defend	Design
List	Explain	Judge	Distinguish	Compare	Develop
Locate	Express	Organize	Identify	Assess	Formulate
Match	Extend	Paint	Infer	Conclude	Hypothesize
Memorize	Give Examples	Prepare	Point out	Contrast	Invent
Name	Illustrate	Produce	Select	Critique	Make
Omit	Indicate	Select	Subdivide	Determine	Originate
Recite	Interrelate	Show	Survey	Grade	Organize
Select	Interpret	Sketch	Arrange	Justify	Plan
State	Infer	Solve	Breakdown	Measure	Produce
Count	Match	Use	Combine	Rank	Role Play
Draw	Paraphrase	Add	Detect	Rate	Drive
Outline	Represent	Calculate	Diagram	Support	Devise
Point	Restate	Change	Discriminate	Test	Generate
Quote	Rewrite	Classify	Illustrate		Integrate
Recall	Select	Complete	Outline		Prescribe
Recognize	Show	Compute	Point out		Propose
Repeat	Summarize	Discover	Separate		Reconstruct
Reproduce	Tell	Divide			Revise
	Translate	Examine			Rewrite
	Associate	Graph			Transform
	Compute	Interpolate			
	Convert	Manipulate			
	Discuss	Modify			
	Estimate	Operate			
	Extrapolate	Subtract			
	Generalize				
	Predict				



Suggested Activities & Best Practices

- Study scores of the pieces in the concert reptertoire
- Perform exercises that enrich the technical aspects of musical performance
- Compare personal performance to recordings of professional performance of the concert repertoire
- Practice technical exercises that relate to the techniques needed to perform the concert repertoire
- Practice breath support and articulation exercises that enhance the students' technical abilities
- Practice scales using common rhythms found in the concert repertoire
- Perform small ensemble/solo repertoire

Assessment Evidence - Checking for Understanding (CFU)

Self-assessments: The students will self-assess their ability to perform their scale students correctly.-formative assessment

Socratic Seminar: Students will discuss the aspects of harmony and tonality needed to make a successful piece of music and performance

Web-based assessment-summative assessment

Written reports-alternate assessment

-benchmark assessment

Perform small ensemble/solo repertoire

- Common Benchmarks
- Compare & Contrast
- Define
- Describe
- Evaluate
- Evaluation rubrics
- Explaining
- Journals
- KWL Chart
- Multimedia Reports
- Outline
- Quickwrite
- Quizzes
- Self- assessments
- Socratic Seminar
- Surveys
- Teacher Observation Checklist
- Think, Pair, Share
- Top 10 List
- Web-Based Assessments

- Written Reports

Primary Resources & Materials

The primary resource for instruction in this class should be the concert repertoire for each semester.

Ancillary Resources

- Method books
- Scale studies
- Techinical exercises
- Listening guidelines

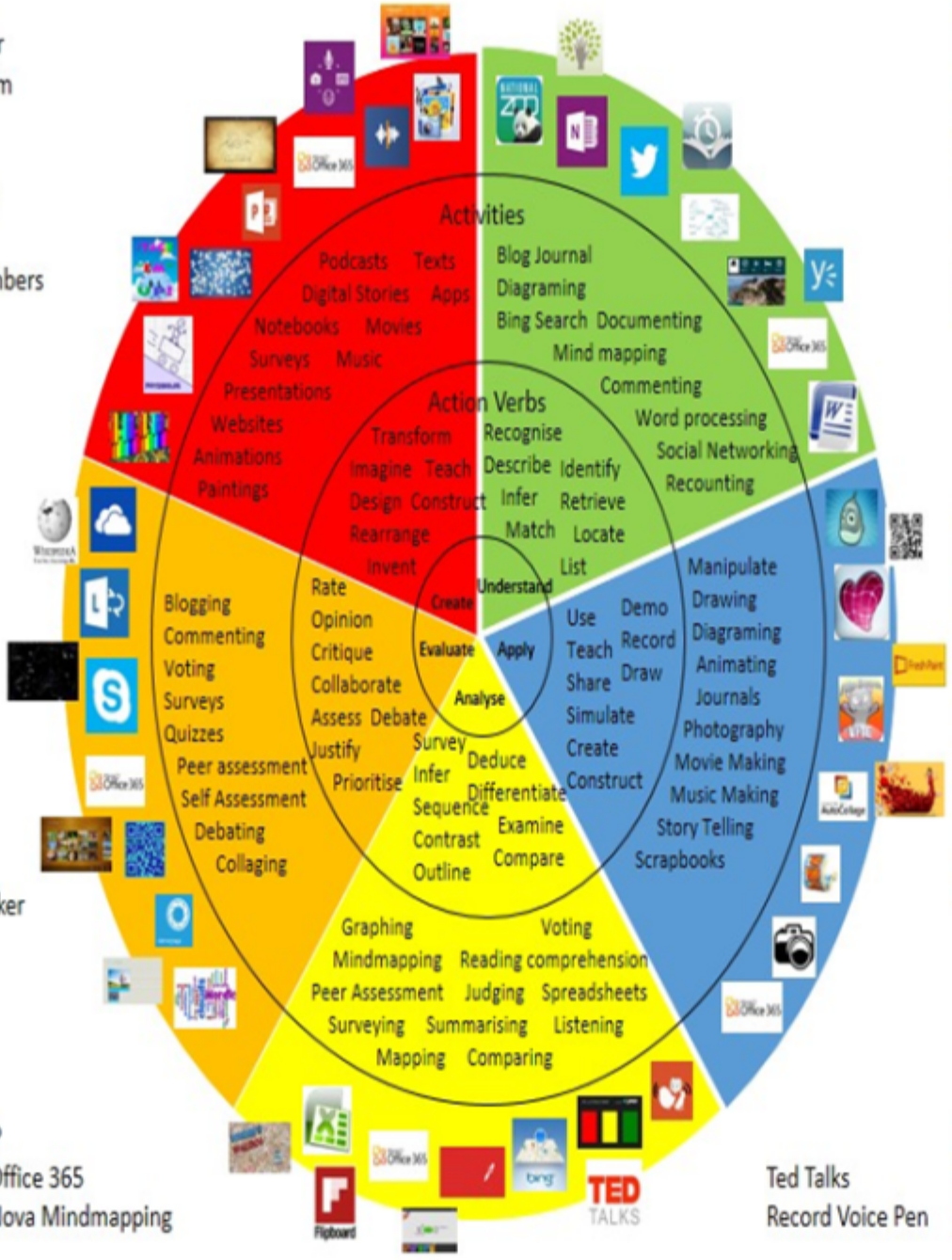
Technology Infusion

- Google Classroom
- Ted Talks
- Digital Recordings
- YouTube
- National Geographic website
- History channel website

Win 8.1 Apps/Tools Pedagogy Wheel

Podcasts
Photostory 3
Kid Story Builder
Music Maker Jam
Paint A Story
Office 365
MS PowerPoint
Stack 'Em Up
NqSquared Numbers
Physamajig
Xylophone 8

Wikipedia
Skydrive
Lync
SkyMap
Skype
Office 365
Puzzle Touch
Easy QR
Memorylage
Life Moments
Word Cloud Maker



Where's Waldo?
MS Excel Office 365
Flipboard Nova Mindmapping

Ted Talks
Record Voice Pen

Originally taken from http://www.coetail.com/vzimmer/files/2013/02/iPadagogy-Wheel.001.jpg
And adapted for Windows 8.1 devices by Charlotte Beckhurst @CharBeckhurst

Alignment to 21st Century Skills & Technology

CRP.K-12.CRP2.1	Career-ready individuals readily access and use the knowledge and skills acquired through experience and education to be more productive. They make connections between abstract concepts with real-world applications, and they make correct insights about when it is appropriate to apply the use of an academic skill in a workplace situation.
CRP.K-12.CRP6.1	Career-ready individuals regularly think of ideas that solve problems in new and different ways, and they contribute those ideas in a useful and productive manner to improve their organization. They can consider unconventional ideas and suggestions as solutions to issues, tasks or problems, and they discern which ideas and suggestions will add greatest value. They seek new methods, practices, and ideas from a variety of sources and seek to apply those ideas to their own workplace. They take action on their ideas and understand how to bring innovation to an organization.
CAEP.9.2.12.C.2	Modify Personalized Student Learning Plans to support declared career goals.
TECH.8.1.12.A.3	Collaborate in online courses, learning communities, social networks or virtual worlds to discuss a resolution to a problem or issue.
TECH.8.1.12.A.CS1	Understand and use technology systems.
TECH.8.1.12.D.CS1	Advocate and practice safe, legal, and responsible use of information and technology.

21st Century Skills/Interdisciplinary Themes

- Communication and Collaboration
- Creativity and Innovation
- Critical thinking and Problem Solving
- ICT (Information, Communications and Technology) Literacy
- Information Literacy
- Life and Career Skills
- Media Literacy

21st Century Skills

- Civic Literacy
- Environmental Literacy
- Global Awareness

Differentiation

Small group instruction: Students will be grouped according to instrument and ability level.

Goal setting with students: Teacher will work with students to determine goals for the student and an attainable timeline for completion of those goals.

Differentiations:

- Small group instruction
- Small group assignments
- Extra time to complete assignments
- Pairing oral instruction with visuals
- Repeat directions
- Use manipulatives
- Teacher reads assessments allowed
- Scheduled breaks
- Rephrase written directions
- Multisensory approaches
- Additional time
- Preview vocabulary
- Preview content & concepts
- Behavior management plan
- Highlight text
- Student(s) work with assigned partner
- Visual presentation
- Assistive technology
- Auditory presentations
- Large print edition
- Dictation to scribe
- Small group setting

Hi-Prep Differentiations:

- Alternative formative and summative assessments
- Choice boards
- Guided Reading
- Independent research and projects
- Interest groups
- Learning contracts
- Leveled rubrics
- Multiple intelligence options
- Multiple texts
- Personal agendas
- Project-based learning
- Stations/centers
- Tiered activities/assignments
- Tiered products
- Varying organizers for instructions

Lo-Prep Differentiations

- Exploration by interest
- Flexible grouping
- Goal setting with students
- Jigsaw
- Mini workshops to re-teach or extend skills
- Open-ended activities
- Think-Pair-Share
- Reading buddies
- Varied supplemental materials

Special Education Learning (IEP's & 504's)

Modified Test content: Test content will be modified in conjunction with the student's ability and experience levels.

- printed copy of board work/notes provided
- additional time for skill mastery
- assistive technology
- behavior management plan
- Center-Based Instruction
- check work frequently for understanding
- computer or electronic device utilizes
- extended time on tests/ quizzes
- have student repeat directions to check for understanding
- highlighted text visual presentation
- modified assignment format
- modified test content
- modified test format
- modified test length
- multi-sensory presentation
- multiple test sessions
- preferential seating
- preview of content, concepts, and vocabulary
- Provide modifications as dictated in the student's IEP/504 plan
- reduced/shortened reading assignments
- Reduced/shortened written assignments
- secure attention before giving instruction/directions
- shortened assignments

- student working with an assigned partner
- teacher initiated weekly assignment sheet
- Use open book, study guides, test prototypes

English Language Learning (ELL)

Tutoring by peers: Peer to peer tutoring will be organized and supported by the teacher.

- teaching key aspects of a topic. Eliminate nonessential information
- using videos, illustrations, pictures, and drawings to explain or clarif
- allowing products (projects, timelines, demonstrations, models, drawings, dioramas, poster boards, charts, graphs, slide shows, videos, etc.) to demonstrate student's learning;
- allowing students to correct errors (looking for understanding)
- allowing the use of note cards or open-book during testing
- decreasing the amount of workpresented or required
- having peers take notes or providing a copy of the teacher's notes
- modifying tests to reflect selected objectives
- providing study guides
- reducing or omitting lengthy outside reading assignments
- reducing the number of answer choices on a multiple choice test
- tutoring by peers
- using computer word processing spell check and grammar check features

At Risk

Providing study guides: Study guides and fingering charts will be provided to aid students in the practice of scale studies to aid the students and guide their practice.

- allowing students to correct errors (looking for understanding)
- teaching key aspects of a topic. Eliminate nonessential information
- allowing products (projects, timelines, demonstrations, models, drawings, dioramas, poster boards, charts, graphs, slide shows, videos, etc.) to demonstrate student's learning
- allowing students to select from given choices
- allowing the use of note cards or open-book during testing
- collaborating (general education teacher and specialist) to modify vocabulary, omit or modify items to reflect objectives for the student, eliminate sections of the test, and determine how the grade will be determined prior to giving the test.
- decreasing the amount of workpresented or required
- having peers take notes or providing a copy of the teacher's notes
- marking students' correct and acceptable work, not the mistakes

- modifying tests to reflect selected objectives
- providing study guides
- reducing the number of answer choices on a multiple choice test
- tutoring by peers
- using authentic assessments with real-life problem-solving
- using true/false, matching, or fill in the blank tests in lieu of essay tests
- using videos, illustrations, pictures, and drawings to explain or clarify

Talented and Gifted Learning (T&G)

Allow students to work at a faster pace: Students will be allowed to move through scale studies at their own pace, which may be a faster pace than the rest of the class.

- Above grade level placement option for qualified students
- Advanced problem-solving
- Allow students to work at a faster pace
- Cluster grouping
- Complete activities aligned with above grade level text using Benchmark results
- Debate issues with research to support arguments
- Flexible skill grouping within a class or across grade level for rigor
- Higher order, critical & creative thinking skills, and discovery
- Multi-disciplinary unit and/or project
- Teacher-selected instructional strategies that are focused to provide challenge, engagement, and growth opportunities
- Utilize exploratory connections to higher-grade concepts
- Utilize project-based learning for greater depth of knowledge

Sample Lesson