

Unit 3 - Intervals & Transposition

Content Area: **Fine and Performing Arts**
Course(s): **Advanced Placement Music Theory**
Time Period: **November**
Length: **12 Days**
Status: **Published**

Unit Overview:

Building on the students' knowledge of scales, keys, and modes, students will learn how to identify intervals within various scales. Students will also learn how to identify intervals as simple & compound and will explore basic transposition through investigation of traditional instrumentation.

Essential Questions:

- Explain the relationship between an interval and its inversion.
- How does interval transposition differ from clef transposition and when would each be utilized?
- How is a knowledge of instrument transpositions helpful when beginning the compositional process?
- What is the relationship between simple and compound intervals?
- Where can the Perfect & Major/Minor interval groups be found in music and how are they formed?
- Why is interval recognition, both written & aural, an essential skill?

Enduring Understandings:

- A knowledge of simple and compound intervals and their inversions is required to understand and analyze musical passages that are both conjunct and disjunct.
- Understanding traditional orchestral and wind band instrumentation and specific instrument keys is necessary in developing transposition skills for composition.
- Western music of the "Common Practice Era" consists of two interval groups: Perfect and Major.

Standards/Indicators/Student Learning Objectives (SLOs):

MU.9-12.1.3B.12adv.Cr2	Organizing and developing ideas.
MU.9-12.1.3B.12adv.Cr3	Refining and completing products.
MU.9-12.1.3B.12acc.Re7	Perceiving and analyzing products.
MU.9-12.1.3B.12acc.Re9	Applying criteria to evaluate products.
MU.9-12.1.3B.12adv.Cn10	Synthesizing and relating knowledge and personal experiences to create products.
MU.9-12.1.3B.12adv.Cn11	Relating artistic ideas and works within societal, cultural, and historical contexts to deepen understanding.

Lesson Titles:

- Augmented & Diminished - Students will learn how intervals can be larger or smaller by the addition of accidentals.
- Instrument Transposition - Students will learn how the construction of orchestral and band instruments establishes an instruments key.
- Interval Inversions - Students will learn how the order of the interval becomes an important aspect of music.
- Perfect & Major/Minor - Students will learn how the "Common Practice Era" interval groups are formed and how they are related to scales.
- Simple vs. Compound - Students will learn how the distance of the pitches from one another dictate the type of interval.

Career Readiness, Life Literacies, & Key Skills:

TECH.9.4.12.CI.3	Investigate new challenges and opportunities for personal growth, advancement, and transition (e.g., 2.1.12.PGD.1). Career planning requires purposeful planning based on research, self-knowledge, and informed choices. There are strategies to improve one's professional value and marketability.
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Inter-Disciplinary Connections:

LA.SL.11-12.1	Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with peers on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
TECH.8.1.12	Educational Technology: All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaborate and to create and communicate knowledge.
TECH.8.2.12	Technology Education, Engineering, Design, and Computational Thinking - Programming: All students will develop an understanding of the nature and impact of technology, engineering, technological design, computational thinking and the designed world as they relate to the individual, global society, and the environment.

Equity Considerations

Amistad Mandate

Topic: Listening Journal (used throughout the school year)

Materials Used: Music of artists like, but not limited to, Miles Davis / Scott Joplin / EWF / Ben E. King / Will Smith / Sammy Davis, Jr. / 5th Dimension / The Jackson 5 / Ella Fitzgerald / Run DMC / Count Basie / Richie

Havens / Smokey Robinson / William Grant Still / Quincy Jones / Living Colour / Beyonce / John Coltrane / Darius Rucker with discussions of their musical contributions, careers, and lives.

Addresses the Following Component of the Mandate:

- Contributions of African Americans to our Society

Holocaust Mandate

Topic: Listening Journal

Materials Used: Music of artists like, but not limited to, Richard Wagner with discussions of their musical contributions, careers, and lives.

Addresses the Following Component of the Mandate:

- Bias
- Bigotry
- Bullying
- Prejudice

LGBTQ and Disabilities Mandate

Topic: Listening Journal (used throughout the school year)

Materials Used: Music of artists like, but not limited to, Aaron Copland / Queen / Leonard Bernstein / Wendy Carlos / Carpenters (disabilities) / Django Reinhardt (disabilities) / Barry Manilow / Indigo Girls with discussions of their musical contributions, careers, and lives.

Addresses the Following Component of the Mandate:

- Social

Climate Change

Asian American Pacific Islander Mandate

Topic: Listening Journal

Materials Used: Music of artists like, but not limited to, Israel "IZ" Kamakawiwo'ole with discussions of their musical contributions, careers, and lives.

Addresses the Following Component of the Mandate:

- Social

Instructional Strategies, Learning Activities, and Levels of Blooms/DOK:

- Classwork & Homework
- Discussion of consonance vs. dissonance
- Introduce interval families (perfect & major)
- Introduce interval inversions
- Introduce methods of transposition (intervallic & clef)
- Listening Journal
- Transposition Project

Modifications

ELL Modifications:

- Choice of test format (multiple-choice, essay, true-false)
- Continue practicing vocabulary
- Provide study guides prior to tests
- Read directions to the student
- Read test passages aloud (for comprehension assessment)
- Vary test formats

IEP & 504 Modifications:

*All teachers of students with special needs must review each student's IEP. Teachers must then select the appropriate modifications and/or accommodations necessary to enable the student to appropriately progress in the general curriculum.

Possible Modifications/Accommodations: (See listed items below):

- Allow for redos/retakes
- Assign fewer problems at one time (e.g., assign only odds or evens)
- Differentiated center-based small group instruction
- Extra time on assessments
- Highlight key directions
- If a manipulative is used during instruction, allow its use on a test
- Opportunities for cooperative partner work
- Provide reteach pages if necessary
- Provide several ways to solve a problem if possible
- Provide visual aids and anchor charts
- Test in alternative site
- Tiered lessons and assignments
- Use of a graphic organizer
- Use of concrete materials and objects (manipulatives)
- Use of word processor

G&T Modifications:

- Alternate assignments/enrichment assignments
- Enrichment projects
- Extension activities
- Higher-level cooperative learning activities
- Pairing direct instruction with coaching to promote self-directed learning
- Provide higher-order questioning and discussion opportunities
- Provide texts at a higher reading level
- Tiered assignments
- Tiered centers

At Risk Modifications

The possible list of modifications/accommodations identified for Special Education students can be utilized for At-Risk students. Teachers should utilize ongoing methods to provide instruction, assess student needs, and utilize modifications specific to the needs of individual students. In addition, the following may be considered:

- Additional time for assignments
- Adjusted assignment timelines
- Agenda book and checklists
- Answers to be dictated
- Assistance in maintaining uncluttered space
- Books on tape
- Concrete examples
- Extra visual and verbal cues and prompts
- Follow a routine/schedule
- Graphic organizers
- Have students restate information
- No penalty for spelling errors or sloppy handwriting
- Peer or scribe note-taking
- Personalized examples
- Preferential seating
- Provision of notes or outlines
- Reduction of distractions
- Review of directions
- Review sessions
- Space for movement or breaks
- Support auditory presentations with visuals
- Teach time management skills
- Use of a study carrel
- Use of mnemonics
- Varied reinforcement procedures
- Work in progress check

Summative Assessment:

- Intervals Test
- Marking Period Assessment
- Transposition Project

Formative Assessment:

- Anticipatory Set: Question of the Day
- Augmented & Diminished Interval Quiz
- Closure: 3-2-1, Exit Card, Sum It Up, Ticket Out The Door

- Homework
- Individual Feedback
- Interval Inversion Quiz
- Perfect, Major, & Minor Interval Quiz
- Warm-Up: Daily Listening Journal

Alternative Assessments

Alternative assessments:

Performance tasks

Project-based assignments

Problem-based assignments

Presentations

Reflective pieces

Concept maps

Case-based scenarios

Portfolios

Benchmark Assessments

Skills-based assessment

Reading response

Writing prompt

Lab practical

Resources & Materials:

- Flash Cards
- Music In Theory and Practice Text
- Student Chromebooks

Technology Materials and Standards

- Auralia Ear Training Software
- iTunes
- Musition Theory Software
- Promethean Board
- Sibelius Notation Software

TECH.8.1.12	Educational Technology: All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaborate and to create and communicate knowledge.
TECH.8.1.12.A.CS2	Select and use applications effectively and productively.
TECH.8.1.12.B.CS2	Create original works as a means of personal or group expression.
TECH.8.1.12.D.CS2	Demonstrate personal responsibility for lifelong learning.

Computer Science and Design Thinking Standards
