

## Technology in the Music Classroom Lesson Plan Assignments

Name Chris Hassell Lesson Plan Type Performing Music

**Lesson title:** Chord Building in the Daily Warm Up

**Class/Grade:** Advanced Band / Grades 7-8

**Standards:** Based on Texas TEKS Standards

- MUSC.06-08.01.B - describe tonal and rhythmic musical elements using standard terminology
- MUSC.06-08.01.C - describe musical elements of rhythm, including notes, rests and meter using standard terminology
- MUSC.06-08.02.A - identify music symbols and terms referring to notation
- MUSC.06-08.02.B - notate meter, rhythm, pitch, and dynamics using standard symbols
- MUSC.06-08.03.B - perform music alone and in groups, demonstrating appropriate physical fundamental techniques
- MUSC.06-08.02.D - read music notation using appropriate cognitive and kinesthetic responses
- MUSC.06-08.03.B - perform music alone and in groups, demonstrating appropriate physical fundamental techniques
- MUSC.06-08.03.A - demonstrate, alone and in groups, characteristic vocal or instrumental timbre

**Learning Outcomes:**

- The students will complete brief fundamentals warm up using standardized daily drill.
- The students will complete the daily drill on their personal learning device (phone, tablet, laptop) using previously uploaded materials on the *forScore* app / website.
- The students will use the *Tonal Energy* app to complete tuning as individuals and as sections
- The students will complete building of Bb Maj and Eb Maj chords, by ear and with the assistance of the *Tonal Energy* app, using the Yamaha *Harmony Director* device.

**Assessment Evidence:**

- The students will use the previously downloaded warm-ups to complete descending and ascending Remington exercises at 100% accuracy.
- The students will use the previously downloaded warm-ups to complete the passing of Concert F around the room with 100% accuracy by section.
- The students will use the previously downloaded warm-ups to complete the passing of Concert F around the room with at least 80% accuracy as individuals.
- The students will individually tune with the *Tonal Energy* app to a point of a minimum of 90% accuracy.
- The students will use previously downloaded chord charts to balance the chords listed on the sheet and device to 100% accuracy with tuner verification.

**Prior Knowledge and Skills:**

- The students exist in a one-to-one device situation including school-issued devices.
- The warm up and chord sheets were previously downloaded into all devices using appropriate app.
- The students previously received training on using all apps included in the lesson.
- The students have previously completed warm up and tuning exercises as individuals and as a class.
- The students have previously used the *Harmony* device, as a group and as individuals, as a metronome, aural tuner, and chord builder.

**Materials:**

- The students must have a personal technology devices or laptops and access to district Wi-Fi.
- The students must have all apps preloaded on devices.

- The students have classroom access to the *Harmony* device
- The students have all other standard materials related to playing in a symphonic band.
- The students must have working instruments that function on a consistent basis.

### Learning Activities:

- The students will participate in this lesson as a full ensemble completing tasks as individuals, sections, and as an ensemble.
- After roll check and instrument collection, the students will sit in assigned order in sections to prepare for daily warm up.
- The director will use the *Harmony Director* as a metronome, set at mm = 86, as a standard tempo for all warm ups.
- The students will use their devices to open the *forScore* app and open the Descending Remington exercise.
- The students will perform the slurred version of the exercise, in half notes, previously uploaded to the app, with an articulation on the first note of each grouping only.
- The students perform the exercise as a group with the director measuring accuracy of the performance. If the performance is correct across all sections, the students continue to the ascending Remington exercise in the same app.
- The students will complete the ascending Remington exercises in the same manner with the director judging for accuracy as well.
- The students will also use the previously published order included in the *forScore* app to complete group performance of passing the Concert F around the room. If sections are accurate as we pass, there will be no need to check tuning in each section.
- The students will pass the Concert F individually. Students that are unable to successfully and accurately match pitches with the remainder of their sections will be tuned individually.
- Students requiring tuning will open the *Tonal Energy* tuning on their individual devices and perform the previously selected and practiced tuning note or tuning progression one at a time.
- The director will also project his/her *Tonal Energy* app onto the screen or whiteboard for the remainder of the class to see.
- Students will tune until measured to be completely accurate by the tuner. Once tuned they will perform with their section again to measure individual and section accuracy.
- Once tuning is complete, the students will open their Bb Maj chord-building page in the *forScore* app. Basic part assignments include low brass and low woodwinds on the root, alto and some tenor voices on the 3<sup>rd</sup>, and high woodwinds, high brass, and keyboard percussion on the 5<sup>th</sup>.
- Keyboards will not be included in the chord building progression. Only in final production.
- The director will play the chord in the *Pure Major* mode in order to balance for wind instruments.
- The director will first perform the chord and all students will follow.
- The director will then perform the root only. All students assigned to the root will perform. This rotation will continue until root performers successfully match the generated pitch from the *Harmony* device.
- The director will then perform the 5th only. All students assigned to the 5th will perform. This rotation will continue until 5th performers successfully match the generated pitch from the *Harmony* device.
- Students performing the root and the 5<sup>th</sup> will perform together in rotation with the *Harmony* device checking for a variety of factors including pitch, balance, etc.
- Finally, The director will perform the 3rd only. All students assigned to the root will perform. This rotation will continue until root performers successfully match the generated pitch from the *Harmony* device.
- In the correct mode, the 3<sup>rd</sup> must be “bent” flat by the device, in order for students to match pitch to the chord and not the note.
- Once students playing the 3<sup>rd</sup> have matching the pitch correct, the entire chord can be attempted.
- The chord is played again in pure format, with a flat 3<sup>rd</sup>, in rotation with students performing it. The chord is built until the ensemble can accuracy match the generated chord, and if time permits, the sequence is repeated for the Eb Maj chord.
- In closing, the class will be assigned an additional chord parts on the Ab Maj and C Maj chords to practice individually on the *Tonal Energy* app.