Move My Music

2014 vision:

MoveMyMusic is a Music Education Web App. Students drag and drop pitches and rhythms to create their own music or complete assignments. MoveMyMusic is unique in that it allows teachers to manage student workflow and create differentiated assignments and assessments.

**Features:**

* Basic idea is a music notation program that includes pitch and rhythm; students drag and drop the note they would like to use
* Many modes: creative/free composition, quiz, dictation
  + Quiz Mode: Socrative-like format for the music classroom, where teachers can create quizzes or tickets out that students complete, are auto-corrected
    - Sends results to teacher
    - Ability to group assignments by class, level, etc.
  + Dictation mode: students listen, then “write” what is heard. This can also be auto-corrected
    - Teachers can access student work and give feedback.
  + Free-compose mode: students select their own visual options
    - Would this eventually allow students to designate their grade level to get the right standards-based options?
    - Can teacher select visuals for free-compose?
    - Teachers can access student work and give feedback.
* Playback
* Teachers design the student interface, allowing for differentiation across grade levels and abilities
* Teacher and Student versions, linked with a simple classroom login
* Online workflow between teacher and students
* Allows students to make mistakes

**Teacher** **Mode:**

Assign music to students: parameters (below), time restrictions

* Grade and lock student work
* Ability to group assignments by class, level, etc.
* Make annotations/feedback on student work

**Teacher** designates items that will appear in the student version.

* Clef (treble, bass, alto, none)
* Number of staves (and the clef of these)
* Option of instrument sounds
* Multiple notes at the same time for harmony
* 2,3, or 5-line staff
* Scale sets: Pentatonic, Diatonic, Minor
* pitch (notehead) only, or notes with rhythmic value
* lyrics
* rhythmic values with no pitch (no staff)
* Auto-correct mode (doesn’t drop in the correct place, but rather shows color if correct and gray if incorrect)
* Solfa? \*in moveable do, if the key is other than C, will key signature automatically appear?
* Key signature
* Color-coding on notes (Boomwhacker scheme)
* Time signature or none
  + if it includes time signature, option for students to add their own barlines, or barlines are automatically added
* Do the notes automatically flip for high and low?
* Enable/disable Playback of music

**Student Mode:**

* Saving music to profile (assignments).
* Share music via text message or email.
* Print notes via AirPrint. Save as PDF?
* Student collaboration (eventually live collaboration).