Move My Music

2014 vision:

Move my Music: a web-based program that also works on tablets in which students drag and drop notes and other musical symbols to write music. This is a tool for free composition and for classroom assessment.

**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 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)
* 2,3, or 5-line staff
* 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).