

Soundtrap EDU Summit 2020



Soundtrap and STEM ANDY EDWARDS

Quote: "Why can't I let the kids use my experiences to bring their ideas to life?"

By: Andy Edwards

A little bit about Andy

- ❑ He is in his fourth year teaching music technology. Andy teaches students how to be producers, recording engineers, mix engineers and much more. He was a former band director.
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Songwriting Session Reflection

- ❑ Students can write songs about different types of curriculum
- ❑ Songwriting encourages students to recraft and edit their work to make it the best product that represents their voice of work.
- ❑ Expression is very important for students to be able to connect their life experiences to music they create.

- Students can learn what generates emotion in music

My COVID Mood Project

- Write 30 secs worth of loops that identify with an emotion you are experiencing
- 8 lines at least of Text
 - Poem
 - Slam Poetry
 - Rap
 - Share your words
- Get the words to line up with your emotions
- Connect the ideas, words, and expression through the tools in Soundtrap

STEM Session Reflection

- Andy is a music teacher but loved math and science as a student
- Collaboration across disciplines helps you
 - It starts with an idea
 - A student suggest building a guitar
 - They found blueprints for the Fender Telecaster guitar to start their planning
 - The students created a real guitar and played it in their video
- So many mistakes made but learning was the end product
- Musical technology opens the door for students to explore the WHY of how instruments work to further manipulate the tone and mood students may want to express.
- If they can build a guitar surely they can build an amp.
 - Gain (the right distortion)
 - Volume
 - Tone (Treble or bass)

Budget Friendly

- [Stewmac Guitar Kits](#)
- [MicParts](#)
- The instructional manuals are top notch

Soundtrap Tips

- A kid doesn't have to be a pro guitar player to have a voice
- The student created guitar is able to plug right into Soundtrap to create music
- Fear of NOT being great right away can paralyze some students

- ❑ Let the students guide you and use your musicianship help them get to the end product
- ❑ Teach kids how to be expressive everyday! Music can be the start of that
- ❑ Giving students a voice and choice to express their their thoughts and feelings in collaboration with others