

MUSIC VIDEO



SUGGESTED TIME
45-60 MINUTES

OBJECTIVES

By completing this activity, students will:

- + be able to create a project that combines animation and music by working on a self-directed music video project
- + gain more familiarity with sprites, costumes, and sounds

ACTIVITY DESCRIPTION

- ☐ Introduce students to the idea of creating a music video in Scratch that combines music with animation. Optionally, show a few project examples from the Music Video studio.
- ☐ Give students open-ended time to work on their projects, with the Music Video handout available to provide guidance and inspiration. Encourage students to give credit on the project page for using others' ideas, music, or code.
- ☐ Help students give and receive feedback while developing their projects. We suggest checking in with a neighbor: have students stop midway and share their works-in-progress with one other person or in their critique groups (see the Unit 0 Critique Group activity) to ask for feedback. Optionally, invite students to add their projects to the Music Video studio or a class studio.
- ☐ Ask students to think back on the design process by responding to the reflection prompts in their design journals or in a group discussion.

RESOURCES

- ☐ Music Video handout
- ☐ Music Video studio
<http://scratch.mit.edu/studios/475517>

REFLECTION PROMPTS

- + What was a challenge you overcame? How did you overcome it?
- + What is something you still want to figure out?
- + How did you give credit for ideas, music, or code that you borrowed to use in your project?

REVIEWING STUDENT WORK

- + Did the projects combine sprites and sound?
- + What parts of the projects did students choose to animate?
- + Are there certain blocks or concepts introduced up until now that students might still be struggling with? How might you help?

NOTES

- + To further personalize projects, help students include a favorite song or record themselves singing or playing an instrument, using features under the Sounds tab.
- + Questions about remixing and plagiarism may arise during this activity. Take this opportunity to facilitate a discussion about giving credit and attribution using the Scratch FAQ about remixing: <http://scratch.mit.edu/help/faq/#remix>

NOTES TO SELF

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

MUSIC VIDEO

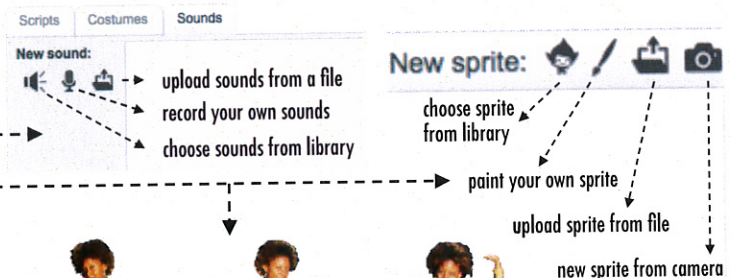
HOW CAN YOU COMBINE ANIMATION WITH MUSIC TO CREATE YOUR OWN SCRATCH-INSPIRED MUSIC VIDEO?

In this project, you will explore ideas related to theatre, song, dance, music, drawing, illustration, photography, and animation to create a personalized music video! ----->



START HERE

- ☐ Add sound.
- ☐ Create and animate a sprite.
- ☐ Make them interact together!



when this sprite clicked

change whirl effect by -50

play drum 2 for .5 beats

change whirl effect by 50

play drum 8 for .5 beats

switch costume to cassy-dancing-1

play drum 2 for 0.125 beats

turn 15 degrees

play drum 6 for 0.25 beats

turn 15 degrees

play drum 2 for .25 beats

switch costume to cassy-dancing-2

play drum 8 for .5 beats

THINGS TO TRY

- ☐ Use costumes to help bring your animations to life!
- ☐ Make your sprite interactive by adding scripts that have the sprite respond to clicks, key presses, and more.
- ☐ Add instructions on the project page to explain how people can interact with your program.

BLOCKS TO PLAY WITH

when clicked

when this sprite clicked

when space key pressed

turn 15 degrees

turn 15 degrees

if on edge, bounce

rest for 0.25 beats

switch costume to costume1

next costume costume #

switch backdrop to backdrop1

play drum 1 for 0.25 beats

wait 1 secs

repeat 10

forever

FINISHED?

- + Add your project to the Music Video studio: <http://scratch.mit.edu/studios/475517>
- + Be sure to give credit to any music, code, or other work used in your project.
- + Challenge yourself to do more! Create your own sprites, sounds, or costumes!