



Music Player

Coder Resources

Project Sequence

(complete each step before moving to the next)

1. [Sign in and create a new project](#)
2. [Add music and backdrops](#)
3. [Create a play and stop toggle](#)
 - a. **Button review resources**
 - i. [Create custom buttons](#)
 - ii. [Code your buttons](#)
4. [Create next and previous song buttons](#)
5. [Indicate a button is pressed](#)
6. **Add even more functionality to your music player app**
 - a. *There are no videos or resources for this step, so come up with something you think is unique or interesting*
7. [Add in comments](#)

Project Extensions

(pick and choose extensions that sound interesting)

1. [Control volume with arrow keys](#)
2. [Create a shuffle toggle \(Advanced\)](#)
3. [Share your project](#)
4. [Create a thumbnail](#)
5. [Learn even more Scratch tips](#)
6. [Learn how to use a micro:bit with Scratch](#)

Debugging Exercises

(practice your debugging skills by solving these bugs)

1. [Why won't the music stop when you press the "stop" button?](#)
2. [Why doesn't the "next song" button switch backdrops but doesn't start playing the next song?](#)
3. [What's wrong with the play/stop toggle?](#)
4. ***micro:bit required*** [Why doesn't the shuffle button turn on or off when the B button is pressed on the micro:bit?](#)
5. [Even more debugging exercises](#)

Example Project and Files

(use these resources to see the original project, learn how to remix the project, or to challenge yourself)

1. **Project:** [Example project](#)
2. **Video:** [Project Preview](#) (0:55)
3. **Video:** [Remixing a project](#) (2:42)
4. **Video:** [How to reverse engineer a project](#) (2:29)
5. **Studio:** [See more projects like this one](#)