



Circuits Curriculum

Weeks 7 & 8: Final Projects

Overview:

For the last two weeks of the program, students will have the opportunity to apply the understanding and skills they gained during weeks 1-6. They will do this by creating final projects that they will display during a Maker Celebration.

Students will have free choice on the project they'd like to make. For example, some students might wish to explore additional applications of Makey Makey from Week 6, while others might want to build off the lanterns they created in Week 5.

For examples of students' projects, you can look at the [Maker Space blog](#). You don't want your students to copy these examples, but you can provide them as a source of inspiration if students are having trouble generating a project idea.

Facilitator Notes:

As a facilitator, your challenge is to support a group of students who will all be working on different projects. You can watch the Teacher Support Video for some ideas about helping students who struggle with open-ended projects.

Other classroom management strategies:

- **Encourage peer-to-peer collaboration:** Empower students to help each other.
- **Create stations:** Designating work areas for particular materials not only helps with materials management, they also encourage students working on similar projects to assist one another.
- **Start with planning time:** Before students begin creating, have a preliminary planning time. You can have students show you their plans before they begin creating or building, which can allow you to identify problems before students are too far along in their process.

- **Consider scope:** In total, students will have about 4 hours to work on this project. Encourage them to brainstorm projects that can actually be completed during this time.
- **Have students provide you with a material list by the start of Week 7:** There is some time at the end of Week 6 to introduce the project, and you can ask students to jot down a material list between Weeks 6 & 7. If you do not have the necessary materials, you can work with the student to find alternatives.

Preparing for the Maker Celebration:

In addition to creating a project, students will be presenting their project at the Maker Celebration. While these are not formal presentations, they should be prepared to explain not only their project, but the inspiration behind their creation. If students finish early during Week 8, they can begin to practice their informal presentations.

For more information about planning a Maker Celebration, see the ***Maker Celebration Planning document***.