

The Ultimate Guide to Teaching Maker Education

Course Syllabus

Course Goal: Enable you to be comfortable, confident and prepared to teach a Maker Ed or STEM project to your students.

This course consists of two learning modules-

1. Maker Ed Essentials - What is Maker Ed? Why Maker Ed?
2. Maker Project Planner - A planning tool that supports teachers in creating meaningful projects for their students.

Total Time: 3 hours 40 minutes | **Mode of Instruction:** Hands-on, online and asynchronous

Instructor: Liz Gallo

The following provides the course details and timelines:

	Time
Welcome - Home	15 minutes
Module 1: Maker Ed Essentials	
What is Maker Ed?	15 minutes
Why Maker Ed?	15 minutes
Your first hands-on activity! - Character-making	40 minutes
Module 2: Maker Project Planner	
What is Maker Project Planner?	5 minutes
Step 1: Context + Curriculum	15 minutes
Step 2: Investigate + Inquire real-world problems	15 minutes
Step 3: Hands-on Project Add Ons + Your second hands-on activity - Ancient Civilization	45 minutes
Step 4: Brainstorm + Design	20 minutes
Step 5: Build + Test + Your third hands-on activity - Electric Circuits	35 minutes
Step 6: Present + Assess	15 minutes
Reflection	5 minutes

Course Assessment:

To attain your CTE credits you must-

- Complete the online course
- Participate in the pre and post-course surveys
- Email your learning journals