

Lesson 5:  
Think Like a Creator

**Lesson 5 Overview:** Lesson 5 introduces the Design Process and how it is similar to the Writing Process. Children will use the Design Process to create something of their choosing out of arts, crafts, and recycled materials.

**Powerful Ideas from Computer Science:** Algorithms, Design Process

**Powerful Ideas from Literacy:** The Writing Process, Sequencing, Phonological Awareness

## I. Warm Up: Design Process Song

- Display the Design Process Anchor Chart while playing the Design Process Song for children to listen to.
- Play the Design Process Song a second time and invite the children to sing along!

## II. Opening Tech Circle: The Design Process

- Explain the Design Process using the Design Process Anchor Chart
- Walk through the Design Process in the context of any project they've done recently in class

## III. Unplugged Time: Your Own Design Process

- Give children a prompt of how to make something. Break them into small groups to brainstorm ideas for their projects. Ask children to share their plans at the end of the small group time.
- Give children time to use craft and recycled materials to make their creation! Pause and ask children if their creations are following their plan. Are there any changes they want to make now that they've started making their project?
- Share creations as a class.

## IV. Closing Tech Circle: It's a Cycle!

- Ask children if seeing everyone's projects, and working on their own projects, gave them any ideas of new things they want to make.
- Remind the children that the Design Process is a cycle. Sharing just leads to more asking and more creating and then more sharing!

Vocabulary:

Design Process

Ask

Imagine

Plan

Create

Test

Improve

Share

