

Lesson 14:
Again and Again

Lesson 14 Overview: Lesson 14 introduces Nested Loops and why they are useful. Children program with Nested Loops in their “Cha Cha Slide” ScratchJr projects.

Powerful Ideas from Computer Science: Algorithms, Control Structures

Powerful Ideas from Literacy: Literary Devices, Tools of Communication and Language

I. Warm Up: Repeat-After-Me Song

- Sing the “Repeat-After-Me” song. All of the lines are chanted by the teacher and repeated by children except for, “Instead, I bought some bubblegum, bazooka-zooka bubblegum, bazooka-zooka bubblegum.” Children join in with teacher for this line.

II. Opening Tech Circle: Adding to the Bazooka Bubblegum Song

- Explain how the Bazooka Bubblegum Song has multiple levels of repetition which can be compared to Nested Repeat Loops.

III. ScratchJr Time: Introduce Nested Repeat Loops & Free Play

- Introduce Nested Loops. Explain that nested programs are when we place a Repeat block inside of another Repeat block. Like a program inside of a program!
- Children freely explore and create in ScratchJr using nested loops.

IV. Closing Tech Circle: Share Creations

- Children share their projects in small groups.

Vocabulary:
Loop
Nested Loop

ScratchJr Blocks:
Repeat

