

## Kindergarten, Lesson 13 of 24

## Coding as Another Language - ScratchJr (CAL-ScratchJr)



### Lesson 13: Expand Your Storytelling Toolbox

**Lesson 13 Overview:** In Lesson 13 children explore the Hide, Show, Grow, Shrink and Reset Size blocks in ScratchJr. They use these blocks to modify their existing Katherine projects.

**Powerful Ideas from Computer Science:** Design Process, Representation  
**Powerful Ideas from Literacy:** Writing Process

#### I. Warm Up: Programmer Says Size Edition!

- Instruct children using the prompts: Make yourself as big as possible. Make yourself as small as possible. Make yourself as tall as possible. If virtual: Hide yourself from the camera! If in person: Hide! Now appear again!

#### II. Opening Tech Circle: Sizing and Hiding

- Explain that the children will learn how to make things grow, shrink, hide, and show on ScratchJr.

#### III. ScratchJr Time: Appearance Blocks & Add Purple Blocks

- Demonstrate that adding a Hide block to a character's code will make them disappear! You can make them reappear using a Show block. Then use the Grow/Shrink blocks to show how a character can look as it grows during its lifespan. Demonstrate that adding a reset size block to a character's code will have your character return back to its original size.
- Demonstrate for children that the size blocks also have parameters, just like the motion blocks. Have children create a new page or change an existing page to tell the story of Katherine growing up, encourage them to add purple blocks (hide/show, grow/shrink, reset size) to show that she's younger in the first part of the story!

#### IV. Word Time: Lesson 13 Design Journal

- Have children circle and draw which blocks they used in their Katherine stories and which blocks go at the beginning, middle, and end of their programs!

#### V. Closing Tech Circle: Project Share

- Have children share how they used the purple blocks in their projects.

#### Vocabulary:

Appearance

#### ScratchJr Blocks:

Grow / Shrink/ Reset Size  
Hide / Show



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