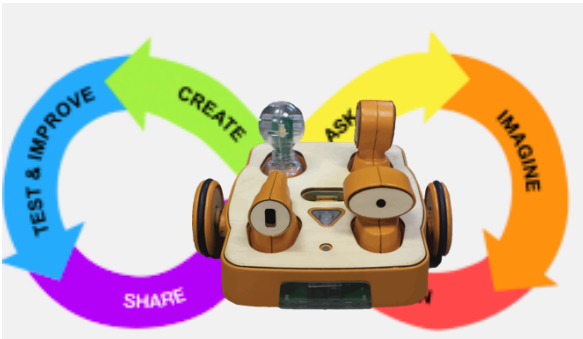


Lesson 11: Order Matters

Name:	CAL-KIBO Curriculum for PreK
Subject:	Lesson 11
Head Start:	Literacy P-LIT 2. Child demonstrates an understanding of how print is used (functions of print) and the rules that govern how print works (conventions of print). P-LIT 4. Child demonstrates an understanding of narrative structure through storytelling/re-telling. P-LIT 5. Child asks and answers questions about a book that was read aloud.
Powerful Ideas of Computer Science:	• Design Process • Algorithms
Pedagogical Connections:	Language (Sequencing, Tools of Communication, Writing Process, Storytelling) Bridge
Lesson Objectives:	Students will be able to... • Understand that authors and illustrators play the same role for books that engineers play for engineered things • Identify the front and back covers of a book • Identify the beginning, middle and end of a story • Understand that order matters when composing a KIBO program
Preparation for Teachers: <i>Estimated Prep Time: 5-15 minutes</i>	☐ Read lesson plan ☐ Obtain <i>The Very Hungry Caterpillar</i> book by Eric Carle ☐ Print pictures of 3 book scenes or pull up Order Matters Slides
Vocabulary:	Author - person who writes a book, paper, or another piece of writing Engineer - person who makes objects or inventions Order - arrange something in a particular sequence or pattern Program - set of step-by-step instructions that tell a computer or machine what to do
Activity 1: Design Process Song <i>Whole Group</i>	Sing the “Design Process Song” as a class to review the steps of the Design Process! Design Process Song: (To the tune of “Twinkle, Twinkle”) Ask and Imagine, Plan and Create, Test and Improve and Share what we make. (Repeat) Introduce vocabulary author and engineer. Ask students: <i>What does an author do? What does an author</i> 

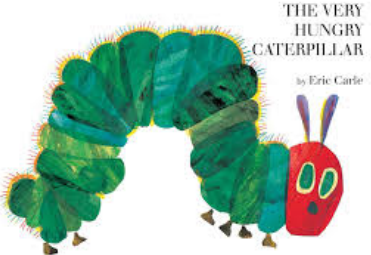
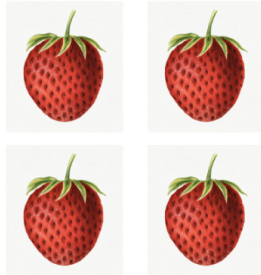
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	<i>make? What does an engineer do? What does an engineer make?</i> Discuss how both authors and engineers make creations that they share with the world. Computer engineers write programs, which are step-by-step instructions that tell a computer or machine (like a robot) what to do. Authors write the words of a story, thinking carefully about what happens first, next, and so on.
Activity 2: Sequencing a Story <i>Whole Group</i>	Read aloud a book that has a clear beginning, middle and end, such as <i>The Very Hungry Caterpillar</i> written and illustrated by Eric Carle. While reading the book, call attention to the various details so that students can better remember the scenes for the following ordering activity. A digital read-aloud of <i>The Very Hungry Caterpillar</i> can be found using this URL: https://www.youtube.com/watch?v=75NQK-Sm1YY 
Activity 3: Order Matters <i>Small Group</i>	Show students printed pages of three scenes from the book or Order Matters Slides, and discuss what is happening in each scene. Ask students: <i>Which of these scenes is at the beginning of the story? What happens in the middle? What happens at the end?</i>  Beginning 1  Middle 2  End 3 After arranging the scenes, ask students: <i>What happens if we put the End scene at the beginning? Is it the same story?</i> Engage in a student-centered discussion about why the order of the story matters.
Opportunities for Differentiation:	Activity 2: Another book with clear sequencing is <i>Pete the Cat: I Love My White Shoes</i> written by Eril Litman and illustrated by James Dean. A digital read-aloud of <i>Pete the Cat: I Love My White Shoes</i> can be found using this URL: https://www.youtube.com/watch?v=fj_z6zGOVyM