

Lesson 9: Fly Me to the Moon

Lesson 9 Overview: In Lesson 9, children write a goal-directed KIBO program that has a Begin Block, End Block, and Motion Blocks.

Powerful Ideas from Computer Science: Representation, Algorithms
Powerful Ideas from Literacy: Sequencing

I. Warm Up: Re-reading Hidden Figures

- Re-read *Hidden Figures: The True Story of Black Women and the Space Race* as a class.

II. KIBO Time: Planning Our Celebration, How Do You Celebrate? & Clean Up

- Tell children they will be writing KIBO's celebration program and ask them about the ways KIBO could act out its celebration using the programming blocks.
- In their groups, children should create a celebration program for KIBO. The program should have at least five blocks, with a Begin and End Block. Take pictures of each group's program.
- Have children clean up KIBO parts and sing the *KIBO Clean-up Song*.

III. Closing Tech Circle: K is for Kind Words Too

- Have children go around the circle and say one compliment for a teammate.