

**Lesson 8:
Bringing Inventions
to Life**

Lesson 8 Overview: In Lesson 8, children write a goal-directed KIBO program that has a Begin Block, End Block, and Motion Blocks.

Powerful Ideas from Computer Science: Design Process, Algorithms, Representation, Debugging
Powerful Ideas from Literacy: Writing Process, Editing and Audience Awareness

I. Warm Up: Re-reading *Whoosh!*

- Re-read *Whoosh!* as a class.

II. KIBO Time: Revisiting Our Plans, Designing Inventions, & Clean Up

- Tell children they will be writing KIBO's invention program and ask them about the ways they could represent their invention by using programming blocks.
- In their groups, children should work on their invention program. The program should have at least six blocks, with a Begin and End Block.
- Take pictures of each group's program to document their work and for later reference.
- Have children clean up KIBO parts and sing the *KIBO Clean-up Song*.

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

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