

Lesson 10: It's Our Party

Lesson 10 Overview: In Lesson 10, children decorate their robotic creations using arts and crafts materials.

Powerful Ideas from Computer Science: Design Process, Hardware/Software
Powerful Ideas from Literacy: Writing Process

I. Warm Up: Read-Aloud

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

III. KIBO Time: How Do We Celebrate? & Designing my Computer

- Children will decorate their KIBOs to look like their characters. They will use a variety of arts and crafts materials (e.g., construction paper, scissors, tape, paper or plastic plates they can decorate) to design structures that will sit atop their KIBO robots. Remind children about building experiences and what they have learned about making sturdy structures.
- Go around and take pictures of children's KIBO programs and decorated KIBOS.

III. Closing Tech Circle: Moon Landing Party

- Each group will share their celebratory KIBO program with the class.
- At the end, play Neil Armstrong's moon landing video and have children celebrate by having all the KIBOs run their programs at once.