

Lesson 15: More Hokey Pokey!

Powerful Ideas of Computer Science	Algorithms, Representation, Debugging, Design Process
Powerful Ideas of Literacy	Sequencing
PTD	Content Creation, Creativity, Community Building
Palette of Virtues	Curiosity, Gratitude
Children will be able to...	<ul style="list-style-type: none"> ● Revise and finish a program to accompany a dance ● Decorate their robotic creations using arts and crafts materials
Vocabulary	
Teacher Preparation	<input type="checkbox"/> Read lesson plan. <input type="checkbox"/> Gather KIBO Project documentation photos from lesson 14.

Warm Up

- **The Hokey Pokey** (*Suggested Time: 5 minutes*)
 - Sing and dance the *Hokey Pokey* again! Conclude with a “robot verse.”

Hokey Pokey Song

*You put your right hand in,
 You put your right hand out,
 You put your right hand in,
 And you shake it all about,
 You do the hokey pokey and you turn yourself around,
 That's what it's all about! (clap, clap!)*

- 2) left hand
- 3) right foot
- 4) left foot
- 5) head
- 6) whole self

You put your robot in, you put your robot out,

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*You put your robot in, and you shake it all about.
You do the Hokey Pokey, and you turn yourself around.
And that's what it's all about! (clap, clap!)*

Opening Tech Circle

- **Adding to Our Projects** (*Suggested Time: 5 minutes*)
 - Explain to children that today they will finish working on their *Hokey Pokey* projects, including decorating KIBO.

KIBO Time

Expressive Explorations

- **Revisiting the Program** (*Suggested Time: 5 minutes*)
 - Children can continue programming their *Hokey Pokey*.
 - Be sure to document children's KIBO programs with photographs.
- **Decorating our Dancers** (*Suggested Time: 20 minutes*)
 - Have children use crafting materials to decorate each of their KIBOs. Allow children as much creativity in doing this—anything is encouraged as long as every child gets a chance to decorate!
 - As mentioned earlier, there are different ways to decorate with KIBO! Children can decorate using construction paper, scissors, and tape and secure the decorations to the art platforms. Another option is to provide paper or plastic plates that children decorate, and then children can use masking tape to secure the plates onto the art platforms.
 - As children work on their final projects, go around and take pictures of children's KIBO programs and decorated KIBOs.
 - Make sure to leave yourself enough time to do this step!
 - This is also a great opportunity to share children's work with families.

Closing Tech Circle

- **That's What It's All About** (*Suggested Time: 10 minutes*)
 - When all groups are done with their *Hokey Pokey* robot programs, bring the whole class together in a technology circle. Ask children to share their programs, including their code.
 - Then have all the groups run their programs at once and dance the *Hokey Pokey* as a class!