

# Cubelets Dynamic Connections



# What is a Robot?

- A robot is a machine that can be made to do a task on its own.
- There are many types of robots.
- Different robots can do different things.
- What do you think of when you imagine a robot?

# What is a Robot?



S.T.A

Sense  
Think  
Act



BATTERY (THINK):  
blue block



DISTANCE (SENSE):  
black "eyes" block



DRIVE (ACT):  
clear "wheel" block

# Presentations

1. Draw & name the robot.
2. Describe what the robot can do.
3. Demonstrate the robot.
4. Describe a “REAL LIFE” job for the robot.
5. Discuss any changes/improvements to the robot.

# Reflection Questions

1. What was the best part of our coding adventure today? Why?
2. How successful was your group at completing the activity cards? Were you able to get the right outcome?
3. How would you change or improve your robot design?
4. What other ways could we play with our robots? What other outcomes could we come up with?
5. What jobs do robots perform now? What about in the future?
6. What is something new that you learned about coding today?

# Cubelets

Outcome

Code

Algorithm

Creativity

Loops

Instructions

Design

Collaboration

