

# POP! TEACHER RESOURCE

## Lesson Plan

### Robots of the Future

Lesson Plan for *Robots*

Grade 1

#### Objective

To help students practice making design choices to accomplish a specific goal.

#### Things Needed:

- *Robots* book
- Access to the “Robots” web page on the Pop! website: <http://popbooksonline.com/21st-century-inventions/robots>
- Whiteboard
- Pencils and colored pencils

#### Before the Activity

Click on the “Activities!” tab of the “Robots” web page on the Pop! website and print a copy of the Drawing activity for each student.

#### Activity

Read *Robots* out loud to students. Then ask the following questions:

- What are some examples from the book of things robots can do currently? (Answers: put together cars, build things in factories, explore space, help doctors do surgery, do chores, etc.)
- What are some examples from the book of things that robots might do in the future? (Answers: do more jobs for people, work at restaurants, care for elderly people, etc.)

Ask students to imagine that they are engineers. They have been hired to design a robot that would work at a restaurant. As a large group, brainstorm some of the things this kind of robot might need to do. Write students’ answers on the whiteboard. Students should include some of the following tasks:

- carry plates
- clean up spills



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- take orders from customers
- cook food

Next, give each student a copy of the Drawing activity. Students should draw a robot on this page. They should make sure to give it features that will help it work at a restaurant. Students should label these features in their drawing.

Give students plenty of time to draw their robots. Then choose a few students to share their design with the class. After each student explains his or her design, ask the following questions:

- What features does this robot have that would help it work at a restaurant?
- How would these features be helpful?

### **Evaluation**

Collect all the robot designs at the end of the activity. Hang them on the classroom wall to show off everyone's unique ideas.

### **Standards**

This lesson plan may be used to address the Common Core State Standards' speaking and listening standards, grade 1 (SL 1.3, 1.5).

