



Age 8/9

Lesson 1

Emotions and Robotics

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50 min

Lesson Objectives:

Students will learn that robots only respond when they are programmed.
Students will learn the purposes for which robots are used.

Every lesson pays attention to the digital literacy learning line and 21st-century skills.

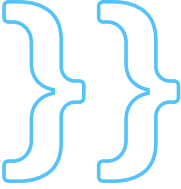
Materials Needed:

-  Laptops/tablets for all students
-  Access to playbotix.io
-  Drawing supplies (paper, pencils, markers)
-  Worksheets for students

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Notes for the Teacher:

- Guide students in using the portal and encourage creativity in building the app.
- Ensure a positive and supportive atmosphere during the class discussion.



Part 1: Class Discussion – Discovering Robots 🕒 10 min

The video teacher will present the following questions to the students to stimulate their thinking. Students will answer these questions individually or in groups.

- 1 Can a robot do everything by itself or does it need help from a human?
- 2 What would students want a robot for?
- 3 What are robots used for?

The video teacher explains that a robot always needs human help. Additionally, the robot can help with homework, cleaning the room, and much more.

Part 2: Independent Work – Robotics and Emotions 🕒 30 min

Students will work independently with the worksheet

They will follow the steps on the worksheet to log in and create an app.

The students will program the robot to introduce itself.

As an extension activity, students will have the robot talk about what it likes to do and find a matching gesture.



Reflection

🕒 10 min

Class discussion about the use of robots. This will highlight what they have learned about the use of robots and the role of humans in this.

Reflection Questions:

- Introduce the discussion by explaining that people create robots and tell them what to do.
- Students have indicated what they would want a robot for and what they are used for in the lesson.
- Do they have any new ideas after this lesson?
- Ask students what the difference is between robots and humans. What can humans do that robots can't? And what can robots do well? Think of tasks like precise operations, quick calculations, etc.
- Have students think about who can learn new things more easily, them or a robot? Why?
- Do students want a robot themselves? Why or why not?
- Discuss what the children have learned in class.

Students fill out the reflection on the worksheet.