



Lesson 6-7: Introduce the features of the EV3 brick

Overview

Introduces students to the EV3 brick

Lesson Summary

- Pass out EV3 bricks.
- Show chapter 2 from video *Lego Mindstorms: Open the Box* from Lynda.com. Chapter includes:
 - The EV3 brick and its brains
 - Motors and sensors
 - IR sensors
 - Navigate the EV3 brick U
- Pass the video as appropriate, giving students opportunities to repeat steps modeled in the video.

Objectives

Students will be able to:

- Distinguish between the part of the EV3 brick
- Hook up input and output devices correctly.
- Use built-in EV3 brick programs.

Materials and Prep

- Lynda.com account access

Resources

Online video *Lego Mindstorms: Open the Box* from Lynda.com.

CS Content

Computational Thinking

- *Collaborate with peers on computer activities*

Robots