

Lego WeDo

LEGO® Education WeDo 2.0 is developed to engage and motivate elementary students' interest in learning science- and engineering-related subjects. This is done through the use of motorized LEGO models and simple programming. WeDo 2.0 supports a hands-on, “minds on” learning solution that gives students the confidence to ask questions and the tools to find the answers and to solve real-life problems. Students learn by asking questions and solving problems. The lesson material does not tell students everything they need to know. Instead it makes them question what they know and explore what they do not yet understand.



The LEGO Education WeDo 2.0 curriculum pack is built on Next Generation Science Standards and delivers key science content to elementary students. The curriculum facilitates and supports a clear, easy-to-follow journey through subjects, including: life-, physical-, earth- and space sciences, and engineering. Features projects totalling more than 40 hours of instructional content.

The WeDo 2.0 Core Set contains all of the building elements required to build the Get Started Project, along with the base and design library models featured in the WeDo 2.0 Curriculum Pack.

Resources:

Getting started and Curriculum: <https://goo.gl/Zkkd7v>

Lego WeDo App:

<https://itunes.apple.com/us/app/wedo-2-0-lego-education/id1011085891?mt=8>

Start with the Basics:

The WeDo app on the iPad or Chromebook (both are free), provides a number of lessons that lead students through a process that incorporates ADST curricular Competencies very well. Begin with the Getting Started Lessons.

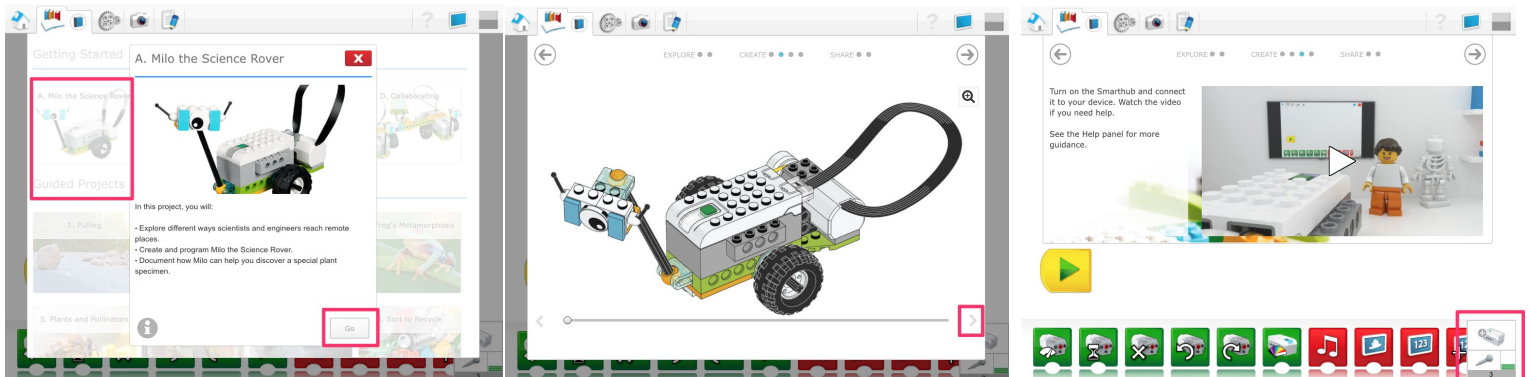
TEACHER ACTIVITY: Lego WeDo

OBJECTIVE:

Discover ways in which scientists and engineers can use rovers to explore places where humans cannot go.

PROCEDURE:

1. Launch the Lego WeDo app
2. Tap on the “book” icon (bottom left)
3. At the top of the next screen under Getting Started select A. Milo the Science Explorer
4. Follow the prompts to complete the task
5. At the point where you need to sync your WeDo, look for the name of the WeDo written on the side.



Think About:

Were you able to get the WeDo to work for you? What would you try differently? How did you persevere with the task or did you simply change it?