

Week 2-Lesson Plan

9:00-9:25 am	Introduction to tasks
9:30-10:15 am	Task1: Super Clean up
10:30-11:15 am	Task 2 : Pass the Brick
11:30-12:00	• Completing Student Journal • Exploring Legokit-Self Exploring
12:00-12:45 pm	Task 3: Build a driving base and make it move straight and backwards

Task 1:

Super Cleanup

<https://education.lego.com/en-us/lessons/prime-invention-squad/super-cleanup/>

Test the efficiency of two different grabber designs and determine the best design based on specific test criteria.

Key Objectives:

Students will:

- Define evaluation criteria for 2 designs
- Test 2 designs using objects of different shapes and sizes
- Make recommendations regarding the best design

Things you will need

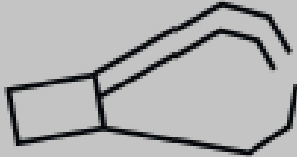
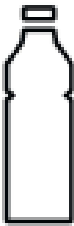
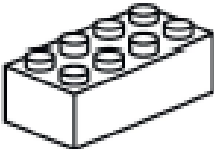
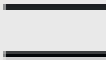
[LEGO® Education SPIKE™ Prime Set](#)

Empty plastic bottle

Ball of crumpled paper

Apple (or object of equivalent weight)

Additional Resources:

Task 2 : Pass the Brick

<https://education.lego.com/en-us/lessons/prime-extra-resources/pass-the-brick/>

Practice teamwork techniques by working through four engaging challenges.

Key Objectives:

Students will:

- Demonstrate the ability to work effectively and respectfully with different types of people

Things you will need

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Task 3: Build a driving base and make it move straight and backwards

Key Objectives

Students will:

- Learn how to make your robot go forward and backwards

Building and coding instructions:

Check the slides in Moodle