



Helping Hand

Lab 2 Images

Suggested Role Responsibilities

Builder

- Take the 1st turn to test in Play Part 1
- Draw the design in Play Part 2
- Deconstruct the Claw part of the build
- Sort pieces into Kits

Journalist

- Gather materials to test
- Take the 2nd turn to test in Play Part 1
- Write data in Play Part 1
- Deconstruct the handle part of the build

Investigate the Adaptation Claw

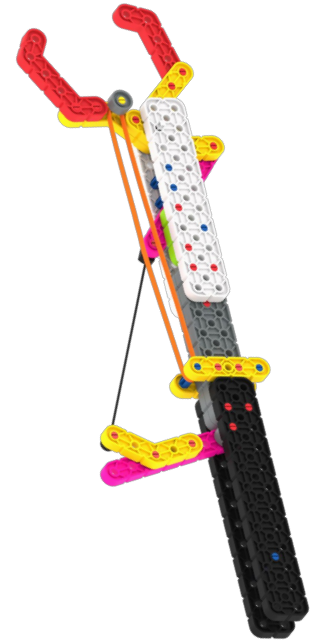
One Data Collection Sheet



Five Classroom Items

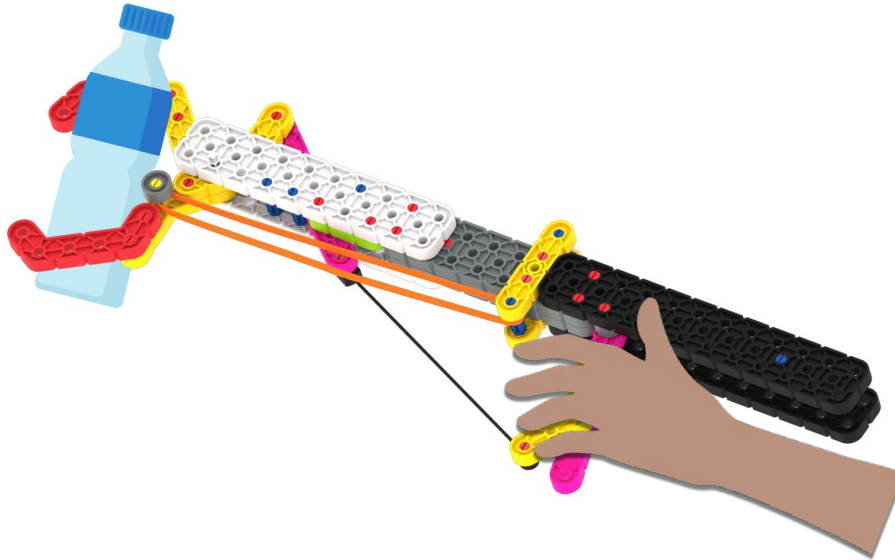


Built Adaptation Claw



Test the Adaptation Claw

Test the Adaptation Claw



Document the Results

Data Collection Sheet

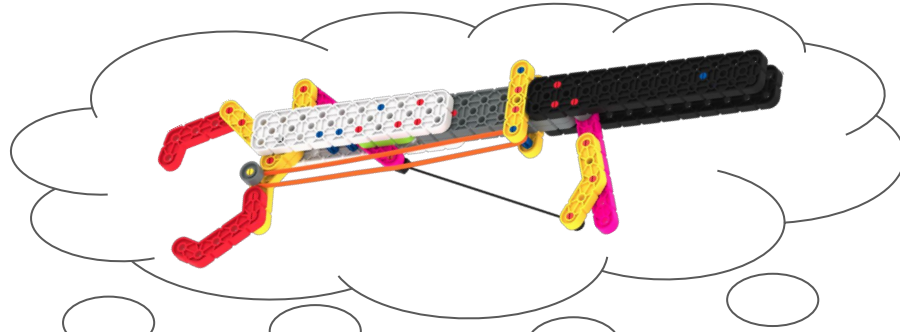
Lab Name: Adapting the Claw

Date: _____

Group Name: _____

Object	Result	Notes
1. Empty Water Bottle	Successful	The object was light and I did not have to squeeze as hard to grab and lift it.
2. Dry Erase Marker	Unsuccessful	The object was small and it kept falling out of the claw when I grabbed it.

Discuss the Adaptation Claw



Adaptation Materials

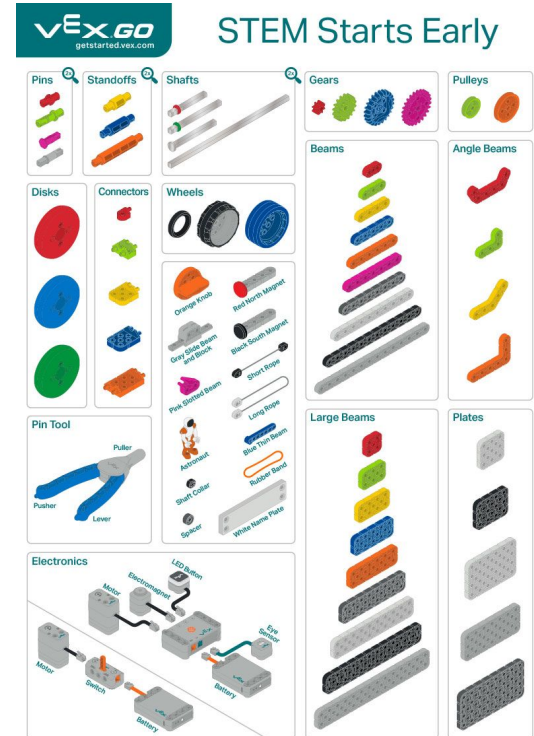
Blueprint Worksheet



Adaptation Claw



VEX GO Kit



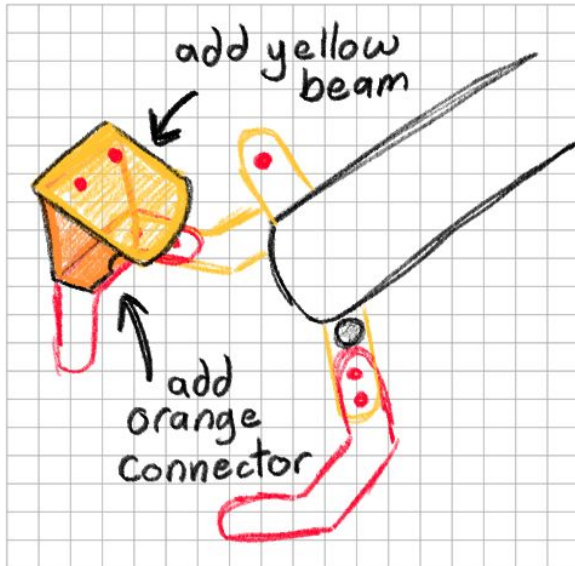
Design Adaptations

Sketch Adaptation

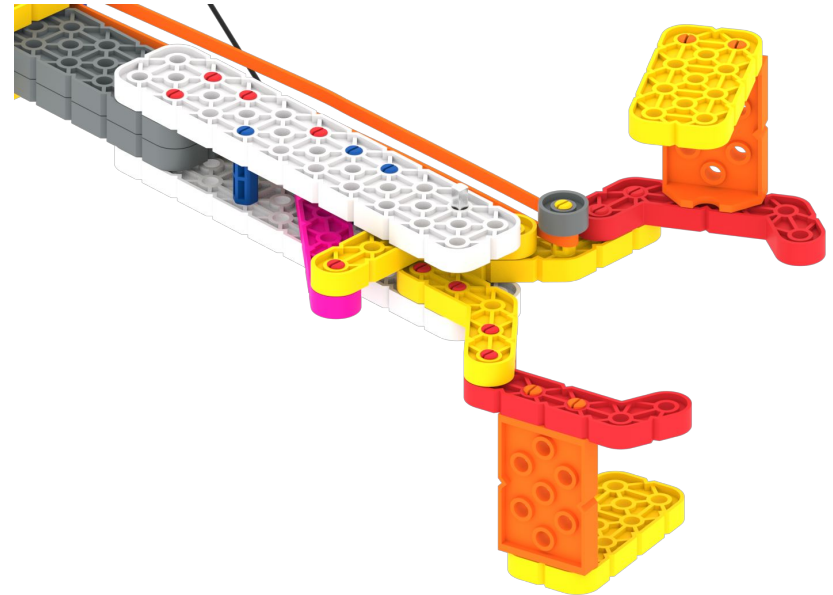
Blueprint Worksheet

Blueprint for: _____

Name: _____ Date: _____



Build Adaptation



Discuss the Adaptations

