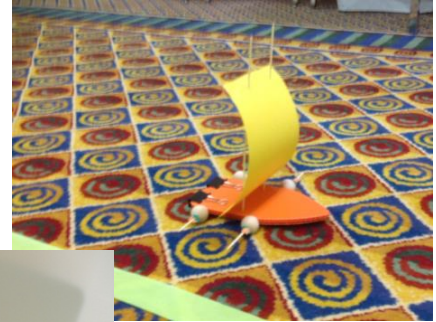


## REcharge Labs Sail Car

**Objectives:** As a result of this activity, students will be able to understand how their sails capture energy from the wind and transfer it into usable energy that propels their car forward.

The REcharge Labs Sail Car Kit has all the supplies students need to build a working sail car. Students will build sails to catch the wind in order to move the Sail Car as far as possible. They should use the scientific method to isolate and adjust variables to design a sail car that travels farthest in the wind. Experiment with the number, design, shape, and angle of sails to control the direction, speed, and distance of the Sail Car.



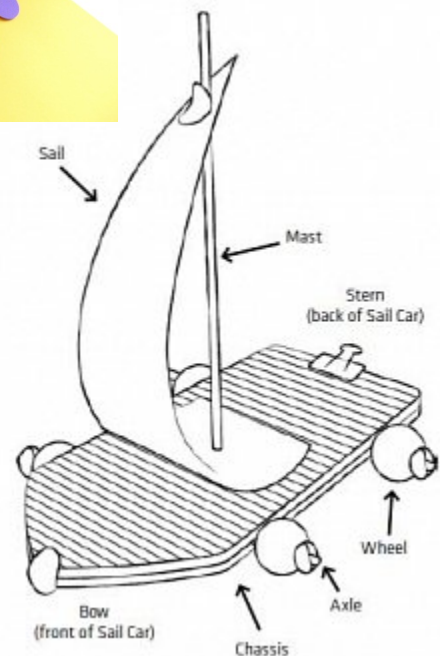
**This kit includes:**

- Corrugated Plastic Boards
- Card Stock
- Skewers
- Foam Stickers
- Wooden Balls
- Binder Clips



**NOT included:**

- Fan (or 2)
- Measuring tape
- Masking tape (for the race track)
- Scissors
- Hole punchers
- Wire cutters (optional)
- Books or images that show examples of different sail shapes, sizes, and number of sails



\*Any materials that are lost or broken during classroom use must be replenished before being returned.