



STEAM Lab Supply List

Science of Sports

Title

Balloon Powered Cars

Subject

Engineering
Sports Science

Learning Objective

Learn about Newton's Laws
of Motion.
Build a race car.

Materials Needed

- 1 Plastic bottle (500 mL)
- 4 Plastic bottle caps (for younger kids: parents/organization must poke small hole in the center of each before the session)
- Flexible plastic straws (3)
- Wooden skewers (2)
- Balloons (2)
- Rubber band
- Duct or masking tape
- Scissors

List is per student participating; Guardians or organizations should have supplies set up and available prior to the beginning of each session. Items can be sourced from local vendors e.g. Grocery Stores, Dollar Tree, Target, Walmart, etc. as well as from Amazon. The following additional items are recommended but not required: Goggles, plastic table covers and disposable gloves.

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