

**Traveling Energy Exploration Station
Junior Solar Sprint
Supplies List**

Car Building supplies included in the station

- 16 motors
- 16 wheel kits
- 8 Solar Panels
- 4 glue guns
- 4 matte knives
- 1 roll of Velcro®
- Camera (please take pictures of your students building and racing cars)

Car Building supplies you will need to provide. These supplies are just examples of materials you can use to build your car. Almost anything can be used.

Balsa wood, foam insulation, Styrofoam® sheets, corrugated cardboard, stiff plastic sheeting, paints, markers, pencils, rulers, shoe boxes, cardboard tubes, straws of all diameters, rubber bands, cds

Car racing supplies- You will need to build a course for your cars to race down so they don't run away. The easiest method is to glue a piece of hook Velcro® onto two straws. You will glue a corresponding piece of loop Velcro® to your car to attach it to the racetrack. Now tie two pieces of string around a 2"x4"x 4' piece of lumber. This will be your starting point. Thread a straw onto each string (these will be two racing lanes) Tie the other end to another 2x4 and stretch the pieces out so the string is taut.

If there are supplies that you need while building your car that you are having difficulty finding please contact Watt Watchers of Texas we might be able to locate the parts for you.