

PRIMARY SCHOOL STANDARDS:

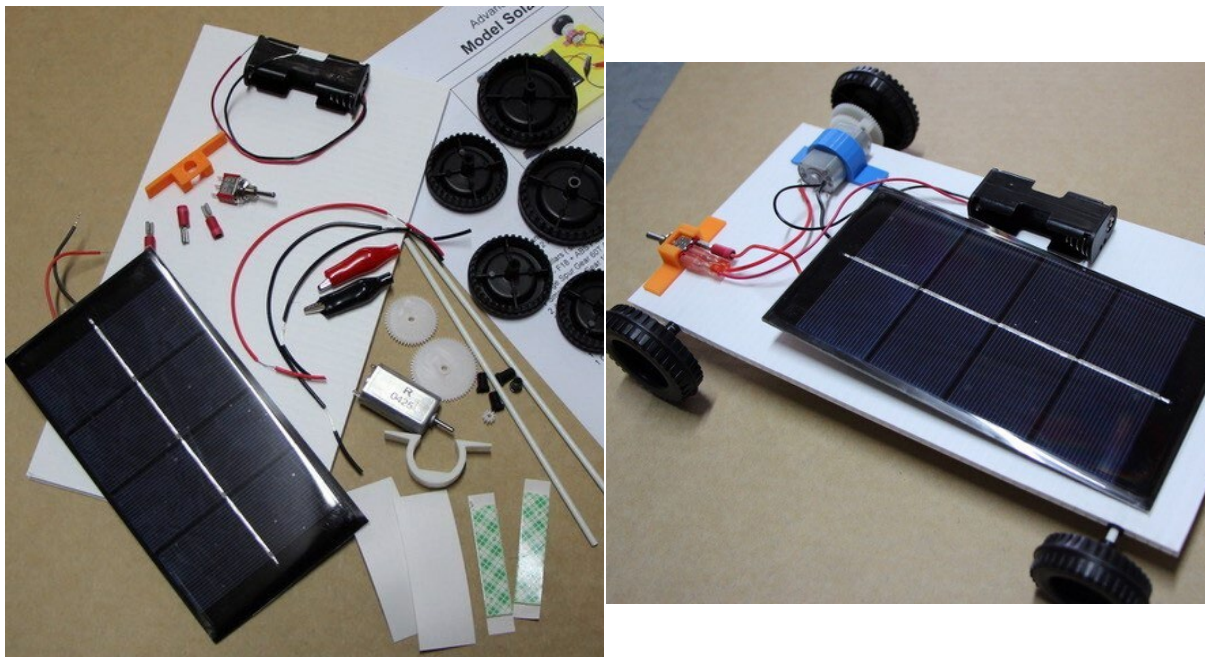
- The car will be powered by one 2 volt 700mA panel
- The car can have one basic motor
- The car will be constructed by you.
- Will be no wider than 260mm

Must Have

- Toggle switch, centre off and one way solar and the other battery and clearly indicated.
- 16mm clearance under the car plus an empty 2xAA battery holder.
- A plate measuring 10cm x 2cm with your car name and number on it incorporated into the design.

Must Not have

- Batteries installed or any electronic charge devices.
- High tech/ large dollar construction technique



CONSTRUCTION

While there is a kit for this event you can use any materials or components for the construction of your car if it complies with the Standards Must Haves and Must Not Haves above. You may wish to consider balsa wood, perspex, craft board and a whole range of other materials. It is important to consider weight and size. The diameter of the wheel has an impact on torque and the 16mm clearance.

There are a number of races you will need to complete to get to the final, so your car must last. It needs to be durable and well-engineered