



Start Your Engines

Materials

Necessary items (with measurements)

- **4 Plastic Bottle Caps** (ideally the same size)
 - Before the session, an adult should poke a hole in the centre of each cap, just large enough for the skewer to fit. Some water bottle caps with a white/translucent appearance are soft enough that they can be punctured with a sharp pencil or tack. For thick caps (e.g. from pop bottles), it may be necessary for an adult to drill the holes.
- **Cardboard** (can be from a cardboard box, a cereal box, or elsewhere)
 - Length (6" / 15.5cm) & Width (4 ¾" / 12cm)
- **Wooden skewers**
 - 2x (6.5" / 17cm) & 1x (1" / 2.5cm)
- **Straws**
 - 1x (4.5" / 11cm) & 2x (1.5" / 4cm)
- **Sticky Tack**
 - This secures the wheels properly to the skewers (plasticine may work too, but sticky tack is strongly preferred)
- **Paperclip**
 - One large is best
- **Assorted Elastic Bands** (thinner bands work best)
 - 4 small (to fit around the bottle caps); 1 regular
- **Tape**
- **Scissors & Cutters**
 - Side cutters or garden shears are best for the wooden skewers. Parent supervision required.
- **Measuring Tape or Ruler**
- **Pencil**