

Flying Machines Shopping List

eCamp Flight Lab

Materials

- Water
- Bathtub or sink
- Bowl
- Scrap of paper towel
- 2 clear cups
- 25 straws
- Small lump of clay
- 3 balloons
- 2 thumbtacks
- Plastic funnel
- Ping pong ball
- Plastic garbage bag
- Red and blue food coloring
- 20 sheets of 8 ½" x 11" paper
- Pencil
- Rubber band
- Popsicle stick
- 2 small paper clips
- 2 identical water glasses
- 10 index cards (large enough to cover the mouth of the water glass)
- 3 empty soda cans
- Empty glass jar
- Empty 2-liter soda bottle
- 2 empty water bottles
- 12" flexible tubing (or use a flexible straw)
- Matches with adult help
- Test tube
- 2-liter soda bottle

Tools

- Scissors
- Tongs
- Tape
- Duct tape
- Hair dryer
- Stove with adult help

Optional

The projects that require these items are either more expensive or harder to build and require adult help. Watch the videos before shopping for these items!

- Diaper Genie II Refill Pack
- Page from a phone book
- Scrap piece of cardboard (2'x3')
- 1 wood pencil with eraser
- AA Battery Case <https://bit.ly/39Wv9MC>
- 3VDC Motor <https://bit.ly/3e9bNXV>
- 5 popsicle sticks
- Alligator clip test leads <https://bit.ly/2UTWR8J>
- AA batteries for your battery case (Cheap dollar-store "heavy duty" type are perfect. Do NOT use alkaline batteries like Duracell or Energizer!)
- 1 propeller (rip this off an old toy or hand-held fan or balsa wood airplane)