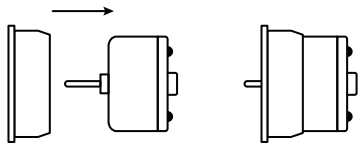


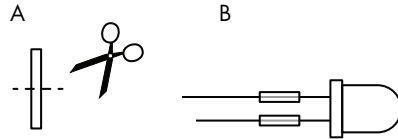
MATERIALS

- | | |
|-------------------|------------------|
| A. 2 O-rings | E. 1 Tubing |
| B. 1 Dowel | F. 1 Generator |
| C. 1 Tapered tube | G. 1 LED |
| D. 1 Propeller | H. 1 Plastic cap |

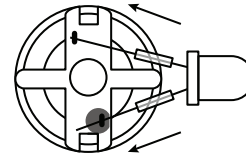
The KidWind Firefly is a small demonstration turbine designed to light an LED when in the path of wind. This turbine starts rotating with a breeze and will also yaw with the changing wind direction. Use your Firefly to display how wind energy can be transferred to generate electricity! Fun for kids of all ages, discovering wind energy using the KidWind Firefly is easy, fun and affordable.



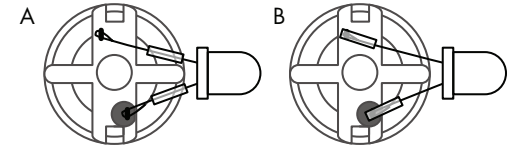
1. Push the plastic cap over the shaft end of the generator. Make sure it fits snugly.



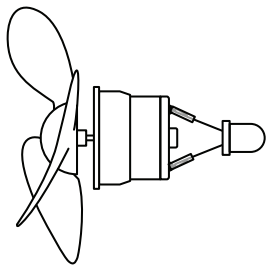
2. Cut the piece of plastic tubing in half. Put one piece of tubing on each LED leg.



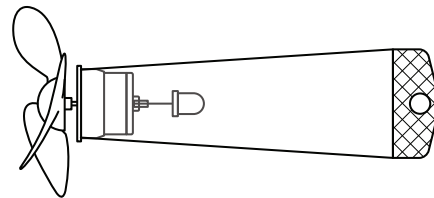
3. Thread the LED legs through the generator connections. The longer leg should go through the connection with the red dot.



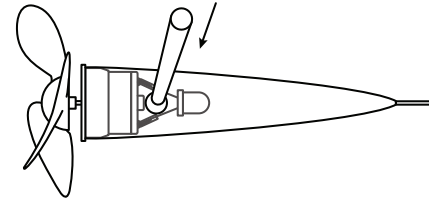
4. Bend the LED legs so that they hook onto the generator connectors. Slide the plastic tube pieces over the junctions.



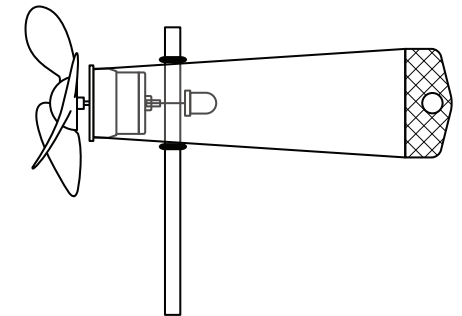
5. Push the propeller onto the shaft of the generator.



6. Push the completed generator piece into the tube. Make sure the leads of the red LED are oriented so the dowel can be inserted between them.



7. Insert the dowel through the holes in the plastic tube. This will be your handle, so leave most of the dowel sticking out of one end of the tube.



8. Slip one O-ring onto each end of the dowel so that the dowel is secured against the tube. That's it, you're done!