

# Engineering Design Process

## Engineering Challenge



**1. Define the problem:**

- a. Create an air-powered vehicle from the materials provided that can travel as far as possible with one “puff” of air from your lungs.

**2. Plan a solution (draw and write about your ideas)**

**3. Make and test your model**

**4. Reflect and redesign**

- a. Was your design successful?

b. Why or why not?

c. What can you do to improve the design?

d. Draw a new diagram and create a new design.

