

# ENGINEERING DESIGN PROCESS

## Message in a Bottle

### 1. Title of Experiment

### 2. Hypothesis (How will I keep a message dry in my bottle?)

### 3. Draw a Picture of your Design (Draw a design of what your waterproof "bottle" will look like.)



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## Message in a Bottle



### 4. Data Collection/Observations (Draw a picture of your final waterproof "bottle".)

### 5. Results (Describe or draw a picture of what your message looks like. Can you still read it?.)

### 6. Analysis/Answer Questions

Was your bottle able to keep your message dry?

If your message stayed dry, what material do you think best kept it dry?

If your message did not stay dry, what do you think you could do differently to keep it dry?

How could you redo this activity and make it more scientific?