



STRAW WORM

SCIENCE SAFETY

PLEASE follow these safety precautions when doing any science experiment.

- **ALWAYS** have an adult present.
- **ALWAYS** wear the correct safety gear while doing any experiment.
- **NEVER** eat or drink anything while doing any experiment.
- **REMEMBER** experiments may require marbles, small balls, balloons, and other small parts. Those objects could become a CHOKING HAZARD. Adults are to perform those experiments using these objects. Any child can choke or suffocate on uninflated or broken balloons. Keep uninflated or broken balloons away from children.

INGREDIENTS

- Straw with Paper Wrapper
- Water

INSTRUCTIONS

STEP 1: Using your fingers, completely scrunch the wrapper to the end of the straw.

STEP 2: Remove the scrunched up wrapper and place it on a flat surface. Describe the scrunched up wrapper by its observable properties. Using a ruler, measure the length of the scrunched up wrapper. Record the length of the scrunched up wrapper on a piece of paper.

STEP 3: Using the straw and your finger, slowly add a few drops of water to the scrunched up wrapper and observe. Describe the scrunched up wrapper by its observable properties. Using a ruler, measure the length of the scrunched up wrapper. Record the length of the scrunched up wrapper on a piece of paper. Using these measurements, identify the scrunched up wrapper based on its properties.

EXPLANATION

Each time you added a drop of water, the paper absorbed the water, causing the scrunched up wrapper to look like it is moving on the flat surface.



SCIENCE BACKGROUND

Matter is anything that has mass and takes up space. Different kinds of matter exist and many of them can be either solid or liquid, depending on temperature. Matter can be described and classified by its observable properties. Measurements of a variety of properties can be used to identify matter. Different properties are suited to different purposes.

I CAN STATEMENT

- ✓ I can plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.
- ✓ I can make observations and measurements to identify materials based on their properties.

NEXT GENERATION SCIENCE STANDARDS CONNECTION

2 – Structure and Properties of Matter | Patterns

5 – Structure and Properties of Matter | Scale, Proportion, and Quantity