



PUMPED UP PEEPS

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

- Peeps
- Vacuum Pumper and Chamber

INSTRUCTIONS

STEP 1: Place a few peeps inside the chamber. Describe and classify the peeps by their observable properties.

STEP 2: Attach the vacuum pumper to the chamber, remove as much air from the chamber as possible, and observe. Describe and classify the peeps by their observable properties.

STEP 3: Allow the air back inside the chamber and observe. Describe and classify the peeps by their observable properties.

EXPLANATION

The vacuum pumper removes the majority of the air from around the peeps, which allows the air inside the peeps to escape. As this happens, the peeps expand. Since the vacuum pumper removed most of the air from inside the peeps, when the air is returned to the chamber, the peeps shrink.



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. Different properties are suited to different purposes.

I CAN STATEMENTS

- ✓ I can plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.

NEXT GENERATION SCIENCE STANDARDS CONNECTION

2 – Structure and Properties of Matter | Patterns