

Lunch Bag Magic

Action

A pencil can be pushed through a plastic bag filled with water without the bag leaking.

Grade Level

Grade 2 - Measuring Matter

Grade 3 - Properties of Matter

Materials

- A plastic lunch bag (zipper-lock bags are the best to ensure a tight seal)
- Water
- A pencil

Instructions

- Fill the plastic bag 3/4 full of water and seal.
- Stick the pencil in one side of the bag and out through the other. The students will see that no water escapes from the bag.

Safety

No safety concerns.

Hints

Using a newly sharpened pencil will make it easier to get it through the bag.

Science Principle

As the pencil is pushed through the bag, the plastic forms a seal around the pencil so as long as the pencil remains in the hole, the bag should not leak.