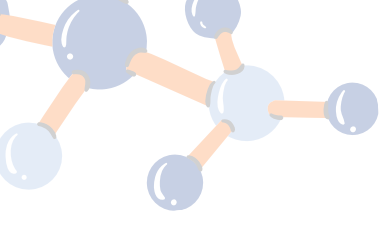


Mysterious Melting Ghosts



 Little House of
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Watch as spooky ghosts
disappear in a magical
melting experiment!



The Science Behind the Experiment:

This experiment shows how a **chemical reaction** between baking soda and vinegar creates carbon dioxide gas, causing the bubbling and fizzing that makes the ghosts seem to melt away. The combination of vinegar (an **acid**) and baking soda (a **base**) is a fun way for kids to learn about chemical reactions while making a spooky ghost disappear!

We're going to make ghosts that melt away with a fun spooky experiment! We'll mix baking soda and vinegar, and when we pour the vinegar over the ghosts, it makes the ghosts fizz and disappear. This happens because baking soda and vinegar mix together and create gas bubbles that make the ghosts look like they're melting!

Definitions

Acid: A substance that can cause a chemical reaction when mixed with a base, like vinegar.

Base: A substance that reacts with an acid to create bubbles and fizz, like baking soda.

Chemical Reaction: When two or more substances mix and change, like making bubbles and melting ghosts!



Materials:

- Cornflour (240ml/1 cup)
- Baking soda (120ml/½ cup)
- Water (120ml/½ cup)
- White vinegar (240ml/1 cup)
- Ghost cookie cutters or your hands to shape the ghosts
- Black marker or googly eyes
- Tray or plate
- Small bowl or cup



**Mysterious Melting
Ghosts**

Instructions:

1. Mix the cornflour and baking soda together in a bowl to form a dough-like mixture. Slowly add water while stirring until the mixture becomes mouldable, like clay.
2. Shape the dough into ghost shapes using cookie cutters or your hands. You can make the ghosts as spooky as you like! Place them on a tray or plate.
3. Add black marker dots for eyes or stick on googly eyes to bring your ghosts to life!
4. Let your ghosts sit for a while to harden—about 30 minutes to an hour works best.
5. Once the ghosts are ready, pour some vinegar into a small bowl or cup.
6. Pour the vinegar over your ghost and watch it fizz, bubble, and mysteriously disappear as if melting into thin air!