4 years+

Bouncy, Squishy Egg!

Objectives:
- Children will conduct a simple chemistry experiment using materials found at home in the kitchen.
- Children will practice observation skills as they investigate the chemical reaction between eggshell and vinegar.

Materials
- 1 raw egg
- vinegar
- glass jar

Directions:
1. Encourage child to use the senses to notice what the raw egg looks like, feels like, smells like.
2. Tell child to do observational drawing of the egg and write down child’s words.
3. Soak a raw egg in vinegar for 12 hours. What is 12 hours? Refer to the clock and time of day to help child to notice the passage of time.
4. After 12 hours, take the egg out and rinse it. Rub off any residual of the shell.
5. Encourage child to use the senses to notice what the raw egg looks like, feels like, and smells like now. The child can do an observational drawing of the egg and write down child’s words.
6. Could also put the egg against a flashlight to see the inside.

Note: The membrane of the egg will turn it into a bouncy egg and its texture could make a good sensory object. The egg remains raw.