



Vanishing Candy

Many things dissolve (or melt) in liquids. Some liquids are better at dissolving things than others. In this experiment, you'll test three different liquids (water, oil and soap) and see how well they dissolve pieces of candy.

Hypothesis

Write your hypothesis (your guess) about which liquid will dissolve the candy the fastest.

Materials

- 12 pieces of hard candy (without wrappers, and all the same type)
- 3 clear jars with lids
- Water
- Oil
- Liquid soap (make sure you use clear soap)



Candy Magic

1. Gather your materials.
2. Place 4 pieces of candy in each jar.
3. Put enough of each liquid to cover the candy in each jar.
One jar will have water, one jar will have oil, and one jar will have soap.
4. Put the lids on the jars and put the jars in a safe place away from direct sunlight.
5. Record what happens to the candy each day for 3 days.
6. Clean up your experiment (remember, don't put oil down the sink! Throw it in the trash!)



Observations

Water

Oil

Soap

Day 1

Day 2

Day 3

Which liquid was the best at dissolving the candy?

More Research

Water is called the “universal solvent” because it can dissolve more chemicals than anything else can. Research and write down two things that you are surprised water can dissolve.
