



Creepy Silly Putty Experiment Instructions

Creepy Silly Putty

1. Gather materials:
 - A. silly putty (all 3 concentrations)
 - B. ruler
 - C. stopwatch
2. Form the silly putty into a cylinder with diameter of approximately 1.5 inches.
3. Hold the ruler so that “0 inches” label is touching the table.

Creepy Silly Putty

Group Jobs: forming and holding silly putty, holding the ruler and checking initial placement, operating stopwatch, recording data

1. Hold one end of the silly putty so that the bottom of the cylinder is 6 inches above the table.
2. Immediately start the stopwatch.
3. Record the amount of time it takes for the silly putty to touch the table.
4. Repeat steps 1-3 two more times.
5. Complete steps 1-4 for each silly putty concentration.

***Note:* Record you data and any observations!**

Reflections

- Did you have any variation in the time it took for the silly putty to creep 6 inches when you repeated the experiment for the same concentration? If so, what factors could have caused this?
- Why do you think the concentration of borax changed the viscoelastic properties of silly putty?