

Lesson Plan – Making Slime

We need to collect data to measure how effective our lesson is. Here is one way:

1. Distribute the **Knowledge Test** to all participants and emphasize to please not guess at the answers. Emphasize it's OK to mark "I Don't Know" since we are all here to learn more about this topic
2. Gather the completed tests and mark them all with a "1" to indicate they are the first set of tests
3. Go over the **Fun Facts** (see page 2) prior to the video. Mention these **Fun Facts** will also be in the video
4. Play the video and pause on the **Fun Facts** if you want to (repetition is the key to learning!)
5. Distribute the **Knowledge Test** and mark them all with a "2" to indicate they are the second set of tests

Guide to doing the experiment:

1. Start by deciding if you want a small or large batch. 1-cup of white glue makes a large batch, and 1/2 cup makes an average size batch
2. Make a Borax & Water solution by dissolving 1/2 Tablespoon of Borax to 1-cup of warm water. Set this solution aside for now.
3. In a mixing bowl, make a 1:1 mixture of White Glue to Water (1-Cup Glue & 1-Cup Water) or (1/2 Cup Glue & 1/2 Cup Water)
4. Add 5-10 drops of Food Coloring to the glue/water and mix until uniform in color and texture
5. Slowly add & mix the borax/water solution to the glue/water/coloring solution.
6. Continue to add borax/water until you have achieved a thick, stringy slime - you will most likely not use all of the borax/water solution
7. The slime will be very wet feeling. Take the slime out of the mixing bowl and place it on a tray/plate.
8. Use paper towel to absorb excess water off of the plate/tray if needed
9. Knead the slime and the water will slowly be absorbed - have fun!

Supplies/Tools Needed:

- Measuring cup
- Measuring spoons
- Mixing bowl
- Small cup

Materials Needed:

- Borax powder (½ tablespoon in 1 cup water)
- Water
- White Glue
- Food Coloring

Fun Facts about Slime

- Slime was first made by Mattel, a toy company
- Slime was first sold in 1976
- Slime is banned in Germany
- Vinegar will destroy slime
- There are over 18 different Slimes in the world

Knowledge Test: Slime

1. Slime was first invented by NASA for the Apollo Moon Mission program.
 - a. True
 - b. False
 - c. I don't know
2. Slime was first commercially available in 1976.
 - a. True
 - b. False
 - c. I don't know
3. Slime is available in all countries around the world.
 - a. True
 - b. False
 - c. I don't know
4. Water will destroy slime.
 - a. True
 - b. False
 - c. I don't know
5. There are only 3 different varieties of slime available.
 - a. True
 - b. False
 - c. I don't know

Answer Key: 1B, 2A, 3B, 4B, 5B