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## Properties of Matter Activity for Kids

### Slime DIY









 Duration: **30-60 min**    Difficulty: **Easy**    Cost: **\$0 to \$5**

Make classic slime and explore its properties!

### Material List

-  Measuring cup
-  Cup of water
-  Tube of washable glue
-  Teaspoon of borax powder
-  Mixing bowls
-  Spoon or spatula
-  Food coloring optional

### Instructions

-  Measure  $\frac{1}{2}$  cup water and  $\frac{1}{2}$  cup glue in first bowl.
-  Add a few drops of food coloring (optional).
-  Mix with a spoon or spatula.
-  In a separate bowl, mix 1 teaspoon of borax into  $\frac{1}{2}$  cup of water.
-  Pour the two bowls of liquid together.
-  Mix until it becomes slimy.
-  Study the properties of the slime!
-  Tip: Do not to use the same bowls you eat from.

### How It Works

The ingredients used to make slime undergo a chemical change when they are mixed together. Glue is a thick white liquid, but when mixed with borax it forms a new chemical that is much thicker ... and it's slimy! The properties of the new substance are different: both glue and borax can be dissolved in water, but slime does not dissolve in water. Slime is also more dense than water so it sinks (unless you mixed in a lot of air bubbles when stirring it). Try to study its other properties!