

Name:

Date:

Class:

Slime Data Sheet

Physical and Chemical Properties

Physical properties are things you can see or measure about a substance without changing what it is, such as its color, size, shape, or state (solid, liquid, gas).

Chemical properties describe how a substance can change into something new, such as whether it can burn, rust, or react with other substances.

Materials	Physical Properties	Chemical Properties
Glue		
Borax		
Water		

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Student Recording Table: Slime Testing Log (Control)

Mass of Glue: _____ Volume of Water: _____ Mass of Borax: _____ Volume of Water: _____ Borax Concentration: _____

Glue Solution vs. Borax Solution Ratio: _____

Trial #	Consistency (Sticky, Stretchy, Firm)	Elasticity, cm	Bounciness, cm	Notes / Observations
1				
2				
3				
4				
5				
Average				

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Name:

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Class:

Student Recording Table: _____ (Design)

Mass of Glue: _____ Volume of Water: _____ Mass of Borax: _____ Volume of Water: _____ Borax Concentration: _____

Glue Solution vs. Borax Solution Ratio: _____

Trial #	Consistency (Sticky, Stretchy, Firm)	Elasticity, cm	Bounciness, cm	Notes / Observations
1				
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