

Name:

Date:

Class:

Reflection Questions (with Accommodation) Answer Key

1. What measurement of ingredients gave you the best slime?

Baking soda 1.5 g

Glue 25 g

Contact lens solution 10 g

Cornstarch 5 g

2. How did increasing or decreasing the multi-purpose contact lens solution change your slime?

Less contact lens solution makes slime less bouncy.

More contact lens solution makes slime more bouncy but rubber like and brittle.

3. If you were creating a slime toy for kids, what features would be most important: stretch, bounce, or smoothness? Why?

Bouncy, as they will enjoy the slime more.

4. How can understanding particle interactions at the molecular level help engineers design better materials?

Understanding particle interactions at the molecular level is fundamental for engineers aiming to design materials with precisely tailored properties.

They can test mechanical strength and performance.