

# Lift Off With Slime



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# **T.O.C**

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## **Question**

**How does different glue affect the bounciness of slime.**

# Background Info

I was introduced to the world of slime through Youtube. I have made a lot of slime, but I was curious how to make slime super bouncy.

# Hypothesis

My hypothesis is that slime will be more or less bouncy depending on the different kind of glue used.

# Proceeds

Mix warm water and borax in a small container

Mix glue, cornstarch and food coloring in a separate container

Combine the two mixtures together to form slime

Remove the slime from the excess liquid

Knead it into a ball

# Variables

## Independent variables

Glue

## Constants

Warm Water

Borax

Corn Starch

# Data

| Type of Glue | Bounce 1 | Bounce 2 | Bounce 3 | Ave Bounce |
|--------------|----------|----------|----------|------------|
| Elmer's Glue | 23cm     | 21cm     | 24cm     | 22.66cm    |
| Gel Glue     | 10cm     | 11cm     | 11cm     | 10.66cm    |
| Glitter Glue | 21cm     | 27cm     | 25cm     | 24.33cm    |
| Wood Glue    | 0cm      | 0cm      | 0cm      | 0cm        |
| Tacky Glue   | 7cm      | 8cm      | 11cm     | 8.67cm     |



# Conclusion

To achieve the highest bounce in slime, glitter glue is the best option. Wood glue produced the least amount of lift because it was not successful in forming a slime consistency and therefore was the worst for bouncy slime. The results supported my hypothesis that the bounciness of slime would be more or less bouncy depending on the type of glue used.