

Team Name _____ Date _____

Names _____

Slime Productions Challenge Worksheet

10-Formula Slime

1. In a chemical container (a paper cup), dissolve 10 grams of sodium borate into 10 grams of water.
2. In a second container (a paper cup), dissolve 10 grams of white glue into 10 grams of water.
3. Use stirring tools (Popsicle sticks) to mix the components in each of the cups together.
4. Then, pour the contents of one cup into the other cup.
5. Continue stirring.

Our Group's Challenge, Research and Brainstorming Notes

(use additional sheets of paper, as needed)

Our Group's Possible Solutions and Test Results

(use additional sheets of paper, as needed)

Our Group's Final Results for Submission to Slime Productions

Total expenses for experimental trials: \$ _____

Final bounciest slime formula (include detailed materials list, "recipe" and procedure):

Bounce factor ingredient:

First bounce heights (m): _____

Average first bounce height: _____