

Nutty Putty - sample student worksheet

Name: _____

Date: _____

Part 1. Material checklist and setup

Materials:

- White school glue
- Borax
- Water
- Paper cups
- Popsicle stick
- Food colouring

Setup:

1. In a paper cup (cup A) put 1 tsp borax and 1 cup warm water and mix with the popsicle stick until dissolved.
2. in a second cup(cup B), mix 1/4 cup white glue with 1 tbsp water and drop of food dye and mix well.
3. pour 1 tsp of cup A into cup B and mix vigorously with popsicle stick until a clump forms (usually onto the popsicle stick)

Part 2. Experiment

1. Remove clump from solution and knead in hands quickly, kneading will help nutty putty to form.
2. play with the putty, does the putty bounce? does it stretch or flow? is the putty a solid or a liquid? why?