

**Outline:**

1. Chemical Reactions/Last Week's review
2. Slime Activity
3. Mixtures
4. Review

**Supplies:**

1. spoons
2. Bowls
3. Cups
4. Glue
5. Borax
6. Water
7. Water pitcher

**Prep:**

1. Fill pitcher with warm water (fairly close to the time of the actual activity, so if possible send a mentor who isn't talking to fill it up right before activity)
2. Fill one cup per kid with  $\frac{1}{4}$  teaspoon of borax powder
3. Fill bowl with  $\frac{1}{2}$  cup of glue
4. Fill one cup per kid with  $\frac{1}{2}$  cup of water (doesn't need to be warm)
5. Fill one cup per kids with  $\frac{1}{2}$  cup of water (needs to be warm)

**Chemical Reactions:**

1. Ask for a student to give a review of what we learned last week
  - a. If they have a hard time remembering, remind them of the potions we made/give them hints
2. Give them an answer: "Last week we learned about chemical reactions."
  - a. Ask them to give a definition of chemical reactions.
    - i. "Chemical reactions are when you combine more than one thing and get something completely new."
    - ii. Ask them what the chemical reaction was that we made last week
      1. Answer: we combined the baking soda and the vinegar and created that bubbly foam
3. Explain that today we're going to be making slime, which is made through a chemical reaction too!
  - a. But, when making slime, we make something else in addition to the chemical reaction, which we'll learn about during our activity

**Activity:**

1. Pass out the pre-measured cups of water, borax, glue, and bowls
2. Go around and have the kids put food coloring in their water (or do it for them, depending on craziness level/school).

3. Tell the kids to mix the borax and **warm** water using the stirrer
  - a. Here, explain mixtures:
    - i. Ask the kids what we just did
      1. Answer should be something along the lines of “we just mixed two things together”
      2. Ask them if we made something new (the answer is no)
        - a. Even though the borax and water is mixed together, and we can no longer see the borax, all that’s in the cup is borax and water: there’s not anything new
        - b. Ask if they know what this is called (answer: mixture)
      3. Before moving on, ask someone to explain what a chemical reaction is, and someone else to explain what a mixture is
4. Tell the kids to mix the remaining cup of water with the glue, mix
5. Tell the kids to pour the water/borax mixture into the bowl of glue/water, using spoons to mix
6. When it gets too difficult to use the spoons, tell them to take their slime out of their bowls and use their hands
7. At this point, go around and pass out glitter/googly eyes/spiders

### **Review**

1. Ask the kids for the definition of a mixture
  - a. Ask the kids what the mixture we created today
2. Ask if they think a chemical reaction took place?
  - a. Ask if they have any idea what it was?
    - i. When we added the borax to the glue, we created a new substance, slime: which doesn’t look or feel like either glue, water, or borax