



CHEMICAL ENGINEERING | SLIME CRAFT

Description

SKILL LEVEL: BEGINNER

In this craft, you will be using principles of chemical engineering to make your very own slime! This activity works great when done either solo or in small groups. It is also very easy to do, taking around 10 mins with only 3 required ingredients.

How does it work? In contact lens solution there is a chemical called boric acid. When boric acid is combined with baking soda, it creates a new chemical called borate. Borate makes the polymers (chains of repeating molecules) in glue stick to each other, creating gooey, stretchy slime!



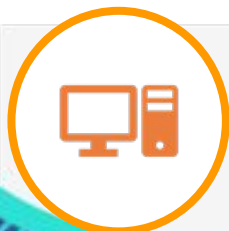
Materials Needed

- Clear Elmer's glue
- Baking soda
- Re-Nu contact lens solution
- Food coloring
- Bowl
- Spoon
- Measuring cups



Directions

1. Add $\frac{3}{4}$ cup of glue to the bowl
2. Mix in $\frac{1}{2}$ tsp of baking soda and stir until fully combined
3. Slowly add $1 \frac{1}{2}$ Tbsp of contact lens solution while stirring
4. Optional: add food coloring or glitter
5. Knead slime until desired consistency is achieved



[Video Instructions](#)