

“In Outer Space”

Module 8, Slime

The logo for 'EXPLORE IT' is enclosed in a black rectangular border. The word 'EXPLORE' is in a bold, sans-serif font, with the 'O' being a solid green circle. The word 'IT' is in a smaller, regular sans-serif font. The 'I' has a blue dot above it, and the 'T' has a purple dot above it.

Prompt:

Use a few different ingredients to make your own out of this world slime! Decide if your slime is alien goo from another planet or full of stars from the universe.

Materials:

- Cornstarch
- Water
- Food coloring or [liquid watercolor](#)
- Spoon for mixing
- Large bowl, tray, or container for slime

Optional items to add to your slime:

- [Glitter](#)
- [Googly eyes](#)

Suggested tools for your child to explore slime with:

- Small plastic toys, such as alien or space figurines, small animals, or legos
- Small plastic containers or bowls to pour slime in and out of
- Small colanders
- Spoons or sand shovels

Note for caregivers: This activity could get messy. Use a plastic table cloth or garbage bag to cover any surfaces you don't want to get slime on or do this activity outside.

Slime Recipe:

- 2 cups of cornstarch
- 1 cup of water
- 5-6 drops of food coloring or liquid watercolor (can adjust based on preference)

Directions: Put water, cornstarch, and food coloring in a container, and have your child mix with a spoon or their hands. Food coloring may stain hands, but will come off with time and lots of soap and water. Add more water or cornstarch until the slime is the consistency you want. It should feel solid if you move your finger along the surface, but if you pick it up and

hold it, it should drip through your fingers.

Optional:

- To make your slime “Galaxy Slime” use black, purple, pink, and/or blue food coloring and add glitter.
- To make your slime “Alien Slime” use green food coloring and add googly eyes.

Instructions:

1. Read the prompt with your child.
2. Work together to set up an area in your home or outside where your child can make and explore the slime.
3. Follow the recipe above to make the slime with your child.
4. Optional: Invite your child to choose whether they want to make Galaxy Slime or Alien Slime and add the necessary ingredients. Or split the recipe into two bowls, and make both!
5. Invite your child to explore the slime! Some children will jump right in. Some may need a little more prompting to get them going. Suggestions to get your child started include:
 - Bury a small plastic toy in the slime and challenge your child to get it out.
 - Encourage them to make a small ball with the slime and to squeeze the ball in their hand until it melts.
 - Put a handful of slime in a colander and watch it go through the holes at the bottom.
 - If your child doesn't feel comfortable touching the slime give them spoons or other utensils to use instead of their hands.
6. When cleaning up, do not pour slime down the drain! It can clog your sink. Instead, leave it out to dry, then throw out the chunk of dried slime. You can also “remake” dried slime by adding water to it.

Resources:

Visitors at Boston Children's Museum loved playing with this slime to celebrate Messy Monday! Check out these pictures for inspiration:



For more information on the science behind this slime (also referred to as Oobleck), see [this page on Wikipedia](#).

Extensions:

If your child needs more challenges to go along with this activity:

- Experiment together with adding more cornstarch or more water to your slime. Ask your child what changes they see.
- Encourage your child to make up a story about the slime and how it got here. Did aliens leave it? Did it fall from space?
- Work together to put slime in ice trays or other small containers and put in the freezer. Once slime is frozen, explore it again.
- Check out this activity from Boston Children’s Museum that uses this same slime recipe. [Sound Waves on a Speaker: Goo Dance Party!](#)

Together with your child, go to the “In Outer Space” topic on Flipgrid and share their experience with slime.