

# ScienceTellers

## *Bonus Experiment: “Alien Goo”*

### Ingredients:

1. Pie Plate or Cookie Sheet
2. Whole Milk
3. Liquid Food Coloring, various colors
4. Liquid Dish Soap

### Directions:

1. Fill the **pie plate** halfway with **whole milk** at room temperature.
2. Add a few drops of different **food coloring** to the milk.
3. Put a single drop of **liquid dish soap** in the middle of the plate.
4. Watch the “alien goo” swirl and move around!

### Story:

Tap-tap-tap. It was midnight. Sam sat up in bed. The noise was coming from the bedroom window. Peering outside, Sam saw a light cutting through the dark sky. It was coming from behind the shed.

Curious, Sam crept downstairs and out the back door. Reaching the shed, Sam followed the light around to the back. Turning the corner, Sam was all of a sudden staring face-to-face with ... an alien.

The next thing Sam knew, it was morning. What a weird dream! Sam jumped out of bed and ran out of the house to inspect the back of the shed. Everything was normal — except for a giant alien hand print, dripping with colorful alien goo.

Maybe it wasn't a dream after all...

### Science:

Milk contains fat. When you add dish soap, the fat is repelled by the soap, taking the food coloring with it!