

# SCIENCE ACTIVITY

## Colorful rain in a glass

By Eunice & Tamara

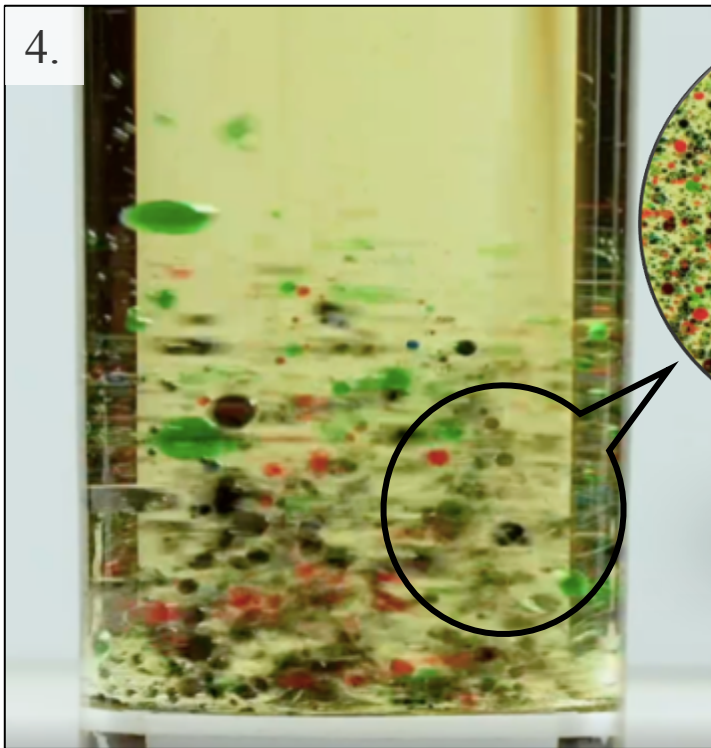
### Steps:



### What you need:

- 150mL vegetable oil
- liquid food coloring
- a glass cup
- a glass container
- 500mL water
- wooden stick

1. Pour vegetable oil into the glass cup.
2. Drop dots of food coloring into the vegetable oil.
3. The dots of food coloring keep their shape and sink to the bottom of the cup.



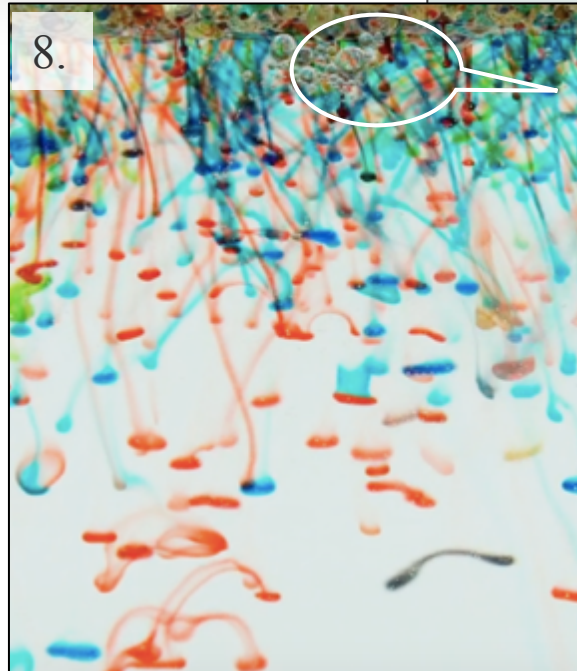
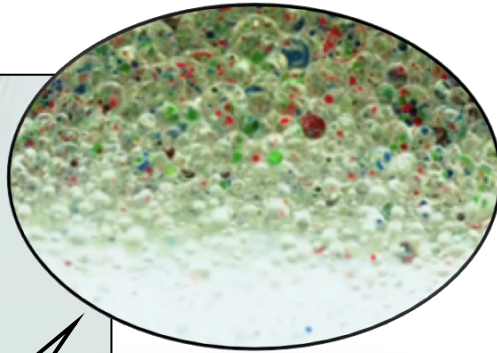
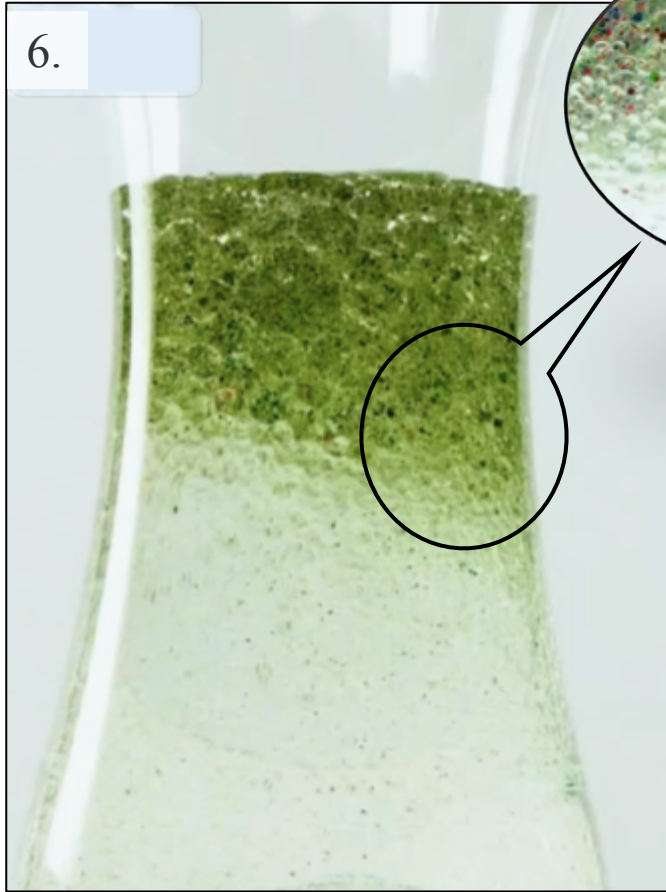
4.

4. Shake or stir the cup with a stick. You will see the drops of food coloring have become smaller.



5.

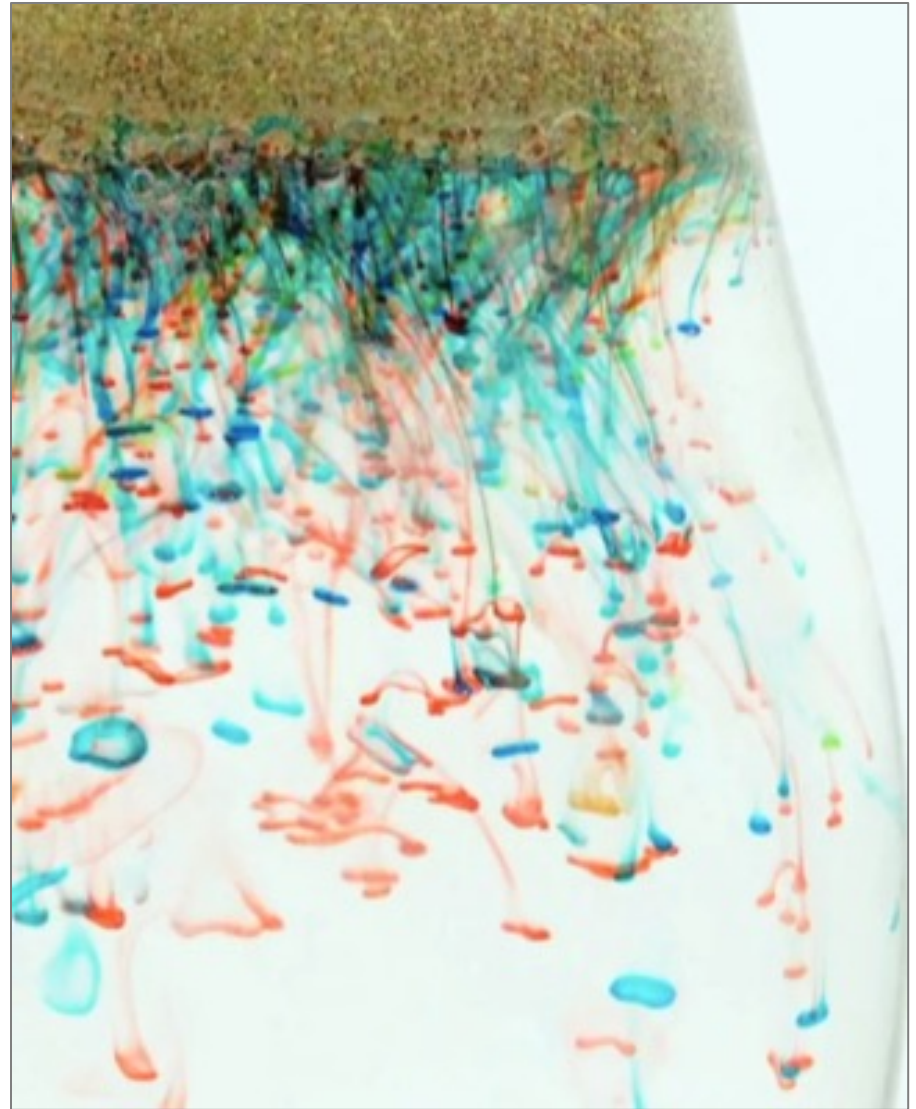
5. Pour the oil and food coloring mixture into the glass container filled with water.



6&7. When the food coloring drops meets the water, it leaves the oil and falls like "colorful rain" down into the water.

8. More "colorful rain" falls from the oil and makes a blend of colors!





**\*\*This fun science project works because oil and water does not mix. The food coloring is partly made of water, so it does not mix with the oil in the cup. But when it meets the water in the container, the food coloring “rains” down to mix with it.**