



Activity: Lava Art

These experiments can be fun family activities. Older children can help their younger siblings do a fun experiment and learn at the same time.



🎯 Learning Targets:

- I can learn what happens when light and heavy liquids are mixed by experimenting with Lava Art.

🔪 Materials Needed:

- ½ cup water
- ¼ cup oil
- ¼ cup salt
- Food Coloring
- Empty Glass





Directions/Instruction:

1. Pour the water into the glass.
2. Add a few drops of food coloring and stir it into the water.
3. Pour the oil into the water.
4. Pour a spoonful of salt into the glass. The salt is heavier than the oil, so it sinks through the oil to the bottom of the glass. It takes some oil and air with it and creates bubbles. The bubbles start to rise to the oil.
5. Add a few drops of a different color food coloring. Watch the drops sink to the bottom of the glass.
6. Add more salt. What do you think will happen?

Visuals/Examples:



Videos

This video shows step by step how to make Lava Art: <https://youtu.be/Lw9ykCgIPNo>

