

## Fluidity

### Activity Objective

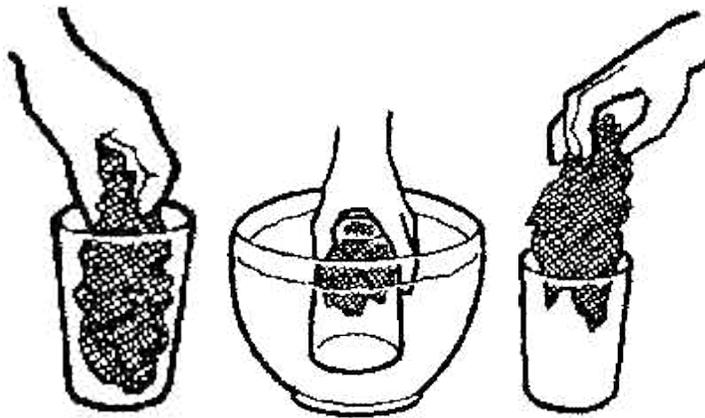
- To discover that air has fluid properties and takes up space

### Materials

- ✓ A glass
- ✓ Dry handkerchief or tissue
- ✓ Large, deep bowl of water

### Instructions

1. Push the dry handkerchief into the bottom of the glass so that it will not fall out when the glass is turned upside down.
2. Turn the glass upside down and holding it vertically, push the glass into the jar of water until completely covered.
3. Now, lift the glass straight up and out of the water.
4. Turn it right side up.



### Observation

The handkerchief is completely dry.

### Question

Why isn't the handkerchief wet?

(The air took up space and kept the handkerchief from getting wet.)

### Conclusion

The air inside the glass took up space, which is a property of fluid.