**Materials and Water**

Some materials seem to disappear when they are added to water. When a material disappears, we say that they have **dissolved**. The material is still there, but the particles are so small that you can no longer see them. There are some materials that do not dissolve in water. Today, we are going to investigate what materials **dissolve** in water.

For this investigation fill a cup with water. Next, add your material to the cup and stir with a spoon. What happens to the material? Try adding the following material to your water:

* Salt
* Sugar
* Sand/ dirt
* Stones

Remember to empty the cup and refill it with water before adding a new material.

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| Material | What happens? | Does it dissolve? |
| Salt |  |  |
| Sugar |  |  |
| Sand/ dirt |  |  |
| Stones |  |  |