

Dissolving Experiment!

How fast will it dissolve?

Some solids dissolve when mixed with water. It looks like they have 'disappeared' but the particles have just mixed with the water particles!

You will need:

- Warm and cold water
- Clear containers (a glass or plastic cup would be perfect)
- A teaspoon
- Substances to test (sugar, salt, instant coffee)



SAFETY - Use warm water from the tap, **not** boiling water from a kettle.

Method:

1. Fill your container halfway with cold water
2. Add one teaspoon of the substance you are testing and stir for one minute. Look to see how much has dissolved.
3. Next, repeat with warm water
4. When you have tested one substance, try another one

Did the solids dissolve differently in warm and cold water?
Was one better than the other?