

Solubility

Student demonstration

You will work in pairs for this practical.

What you need

- Three test tubes
- Test tube rack
- Water
- A pea-size quantity of each of the following:
 - sugar
 - salt
 - copper(II) sulfate crystals
- White card to provide a background.

What you do

- Fill the test-tubes one-third full of water.
- Carefully add the sugar to one test-tube.
- Carefully add the salt to the second test-tube.
- Carefully add the copper(II) sulfate to the third test-tube.
- Shake each test-tube gently and observe any changes.

Observations

When sugar is added to water and shaken gently

When salt is added to water and shaken gently

When copper(II) sulfate crystals are added to water and shaken gently