

CurriculumVisions Lesson

Students: fill in next to the word answer and return the document for assessment.

Science Book: Dissolving (6C)

Pages 4-9

Everything here is based on our Curriculum Visions book Dissolving (6C)

In this segment, we are going to learn about what dissolving is and what types of things dissolve.

Part 1

You will need to go to pages 4-5 of the book. In your own words, describe what happens when something dissolves in a liquid.

Sample answer.....

The substance is pulled apart into tiny pieces and scattered evenly in the liquid. / The substance is spread evenly in the liquid.

Give three examples of a solid in your house that can dissolve in water.

Answers might include.....

Sugar, salt, coffee, food colouring, soap, etc.

Part 2

Go to pages 5-6. When can you use a filter to separate substances? What is one example of a place where filters are used.

Answer.....

When the substance is only suspended in the liquid and has not become part of it.

Answers may vary but could include: water treatment plant, separating water from a puddle, using a filter to make coffee or tea

Design an experiment to filter as much mud as possible from a puddle.

Answers will vary but could include:

Let the mud settle then scoop out the water.

Pour the water from one container through a filter paper and let it drip into another container.

Part 3

Go to pages 7-8

Here is a list of substances many people have in their homes:
oil, salt, flour, soap, an apple, sand, paper, crisps,
toothpaste, shampoo

How would you tell which ones are soluble and which ones are insoluble? If your teacher agrees, test out your idea.

Students own answers.....

If you are interested in this topic continue to browse the book and watch our amazing videos. They start right on the book cover.