

CurriculumVisions Lesson

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

Science

Book: Gases around us (5C)

Pages 10-15

Everything here is based on our Curriculum Visions book Gases around us (5C)

In this segment, we are going to learn more about how gases move.

You will need to go to pages 10-11 of the book. What happens to air when it warms up? How can this be used to make things move?

Answers.....

As air warms up, it expands and rises. You can make things move using hot air because as the air rises, the moving air can be used to make blades turn. The rising air can also be used to lift up a balloon.

Go to pages 12-13. What does a hygrometer measure?

Answer.....

The amount of moisture in the air / humidity

Draw a picture of a hygrometer and label the parts. If your teacher agrees, make the hygrometer.

Students own answers.....

Students can use the illustration on page 12 for ideas.

What three things affect the speed of evaporation?

Answers.....

Whether the air is warm or cool

Whether the air is dry or moist
Whether the air is moving or still

Go to pages 14-15

What is the difference between a bubble in a fizzy drink and a soap bubble?

Answers.....

Fizzy drink: The bubble is caused by carbon dioxide trapped in the drink. (the carbon dioxide is under pressure, so when the cap is removed, the pressure is released and the carbon dioxide expands and rises quickly to the surface, where it bursts.

Soap: The air/gas is trapped because the soap film is strong enough to keep it from getting out. The bubbles will not burst until the soap film becomes thin enough.

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