

CurriculumVisions Lesson

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

Science

Book: Gases around us (5C)

Pages 4-9

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

Part 1

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

You will need to go to pages 4-5 of the book.

What are the differences between a solid, liquid and gas?

Answers.....

Solid: the particles are held tightly together and can't move; a solid can't change shape unless it is pushed or pulled.

Liquid: The particles are held more loosely, so they can slide past each other; a liquid has no fixed shape and takes the shape of whatever container it is in

Gas: The particles are not attached to each other and move freely. A gas will expand to fill all the space they can, they will bounce against each other until they are evenly spaced.

Go to pages 6-7. Describe what happens when two gases mix.

Answers.....

The particles of the two gases will bounce off each other and spread out until they are evenly spread out

Go to pages 8-9. If someone is cooking in the kitchen of a house, how can you smell the food in the other rooms? Will the smell be as strong in the other rooms as it is in the kitchen? Why or why not

Answers.....

The particles of scent from the food will gradually spread out throughout the entire house.

The smell will not be as strong in the other rooms - the farther away from the kitchen, the less strong the smell will be. This is because the scent particles will be more spread out the farther away they get.

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