

CurriculumVisions Lesson

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

Science

Book: Simple electricity (4F)

Pages 18-23

Everything here is based on our Curriculum Visions book Book: Simple electricity (4F).

In this segment, we are going to learn more about how circuits work.

Part 1

You will need to go to pages 18 and 19 of the book. Look at pictures A, B, and C of Picture 1 and A of picture 2. What is wrong with each of these circuits? Try to answer without looking at the text, only the pictures.

Answers.....

What are some ways to reduce friction in water?

Answer.....

Part 2

Go to pages 20-21. If you have three light bulbs that are 3 volts each, how many 1.5 volt batteries will you need to light all of the bulbs brightly?

Answer.....

Part 3

Go to pages 22-23. What is the difference between a conductor and an insulator?

Answer.....

Write down a plan for how you can use your circuit to test different materials to find out if they are conductors or insulators. If your teacher agrees, carry out your experiment.

Answer.....

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