

CurriculumVisions Lesson

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

Science

Book: Changing sounds (5F)

Pages 18-23

Everything here is based on our Curriculum Visions book Changing sounds (5F)

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

Part 1

You will need to go to pages 18-19 of the book. What is a musical note?

Answer.....

A pure sound

Make a simple musical instrument using bottles and water. Fill each bottle with a different amount of water and strike the bottles to play the "instrument". Why does each bottle make a different sound?

Answer.....

Because there is a different amount of air in each bottle, so the vibrations travel differently in each one.

Part 2

Go to pages 20-21. Using words or by drawing pictures, explain how wind instruments can be made to make different notes.

Answer.....

Air is made to move through the instrument by blowing across or into the top. This sets the air in the instrument

vibrating. The notes can be changed by closing different holes, making the air column longer or shorter.

Describe why a cup and string telephone works.

Answer.....

Sound can travel through solid objects. The sound waves pass along the string.

Part 3

Go to pages 22-23. Design a string instrument that you can build. If your teacher agrees, build your instrument. How do you change the pitch of your instrument? Where does the sound come from?

Answer will vary.....

Direct students to picture 3 on page 23 to see one way to change pitch. The sound will come from the vibration of the strings.

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