



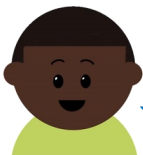
## DEEPENING UNDERSTANDING SCIENCE DEPTH TASKS

### REASONING 1

Asha and Caleb are listening to a set of drums.



The biggest drum will make the loudest sound.



The biggest drum will make the deepest sound.

Who do you agree with?  
Explain why!

### REASONING 2

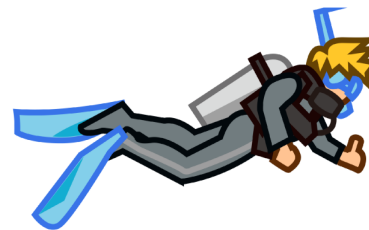
True or False?

*Every sound can be heard because it starts with a vibration.*

Give examples to support your answer.

### REASONING 3

*'Sound only travels through air which is why divers use hand signals to communicate underwater.'*



Explain why the statement is wrong.



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## DEEPENING UNDERSTANDING SCIENCE DEPTH TASKS

### REASONING 4

Class 4 are thinking about the different volume of sound that can be made with this guitar.

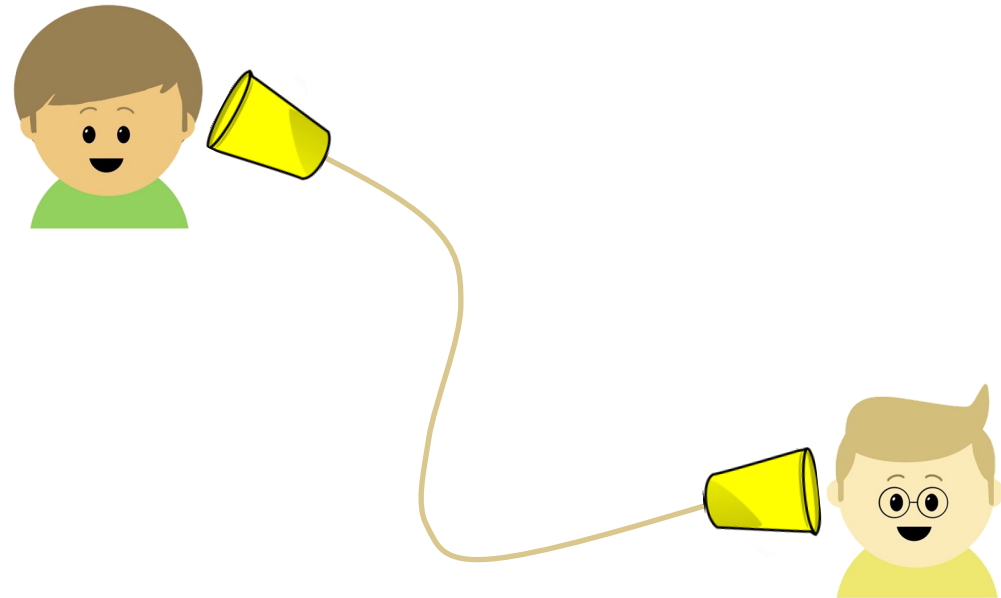


Describe how the sound changes when the strings are plucked strongly or gently.

Explain why?

### REASONING 5

Alfie and Jerry have made a model telephone.  
They try it out in the playground.



How does the model allow Jerry to hear Alfie at the other side of the playground?



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