




Name: ..... Form: .....

Based on pages 18 and 19 of *Changing sounds*

# Investigating musical notes

Try this...

1. Blow up a balloon but do not tie the neck.
2. Tap the balloon three times with a pencil or pen and listen to the note it makes.
3. Let some air out of the balloon, tap it three more times and listen to the note it makes.
4. How does the note change when you let some air out?  .....
5. Take an empty bottle and tap its side with a pencil or pen.

6. Put some water in the bottle and predict how the note will change when you tap it again.



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7. Give a reason for your prediction.



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8. Tap the bottle and describe how the note changed.



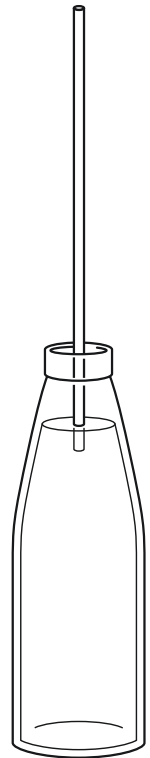
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9. Did the change in note match your prediction? Explain your answer.



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10. Put a straw in a bottle of water as the diagram shows.



11. Predict what will happen when you blow across the top of the straw as you lower it into the water.



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12. Give a reason for your prediction.



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13. Blow across the top of the straw and lower the straw into the water as you blow.

14. Record the result and compare it with your prediction.



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