



Name: Form:

Based on pages 20 and 21 of *Changing sounds*

A simple wind instrument

Try this...

1. Set up a bottle of water and a straw as shown in Diagram 1.

2. Blow across the top of the straw.

3. Set up the bottle of water and straw as shown in Diagram 2.

4. Blow across the top of the straw again.

5. How did the pitch of the note change?



6. How did the amount of air in the straw change? Explain your answer.





7. Take five straws and cut them to different lengths.

8. Arrange the straws in order of length and draw the arrangement in this space.

9. Label the straw you think will make the lowest-pitched note and the straw you think will make the highest-pitched note. Explain why you have labelled the straws in this way.







10. Blow over each straw in turn, then compare your results with the prediction made in task 9.



Diagram 1

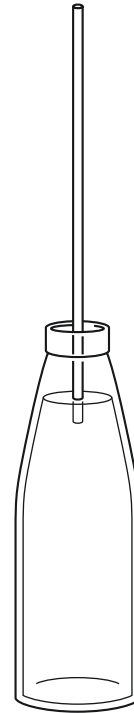


Diagram 2

