



Name: Form:

Based on pages 22 and 23 of *Changing sounds*

Investigating how elastic bands vibrate

Try this...

1. The diagram shows the equipment you need to find out how stretching an elastic band affects the note it makes.

In the box, draw how you would arrange the equipment to make the investigation.

2. On a separate sheet, write down how you would find out how stretching the elastic band affects the note it makes.

3. Predict what the investigation will show.

4. Show your teacher your plan. If your teacher approves, try your investigation.

5. Then make a plan to investigate how the thickness of an elastic band affects the note it makes.

6. Show your teacher your plan. If your teacher approves, try your investigation.

7. Then make a plan to investigate how the length of an elastic band affects the note it makes.

8. Show your teacher your plan. If your teacher approves, try your investigation.

Looking at the results.

9. What do the results of your investigations show?



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