

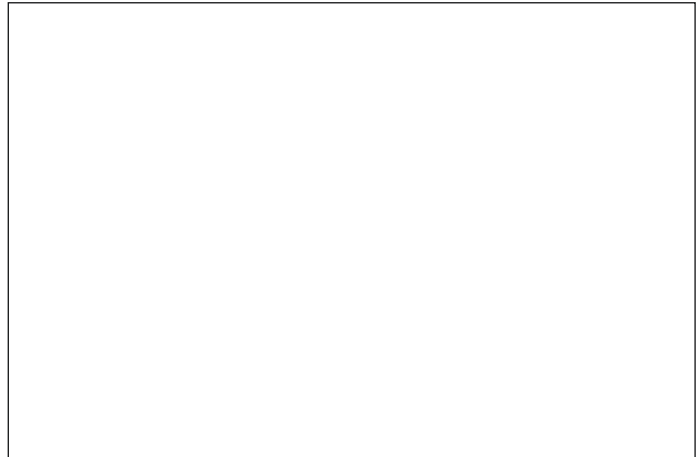
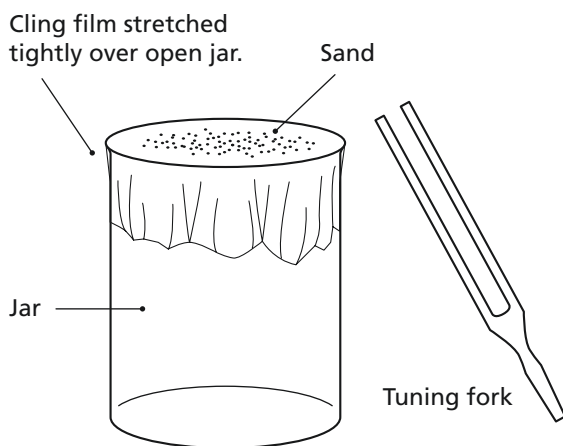


Name: Form:

See pages 4 and 5 of *Changing sounds*

Feeling and seeing sounds

A sound is a very quick vibration. We can hear and feel many sounds.



Q1. The picture shows a tuning fork and a jar with a cling film top covered in sand.

(i) In the space next to the picture, draw another picture showing how you would place the tuning fork against the jar after you have struck the tuning fork.

(ii) In your picture, draw how the sand grains would appear when the vibrating tuning fork touches the cling film.

Q2. If you put a finger on a loudspeaker while it is working what would you feel?



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Q3. Which part of your body vibrates when you make a low note?



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Q4. Imagine you have a tube with a plastic cover on one end and a cover with a small hole in it at the other end.

(i) When you tap the end with no hole, what happens at the hole in the other end?



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(ii) If a burning candle was placed near the hole and the cover tapped again, what would happen to the candle? Explain your answer.



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