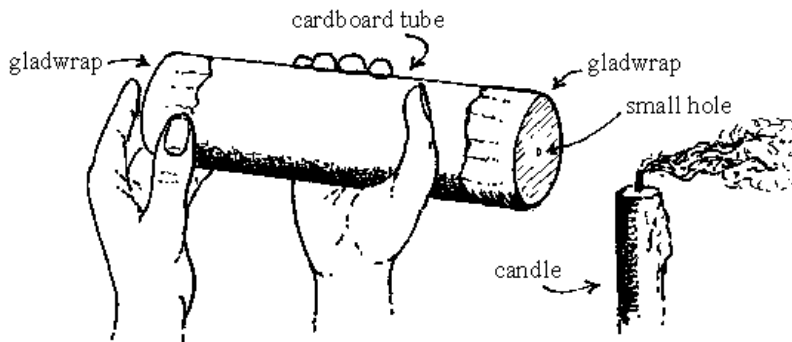


# Making a sound gun

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## Making a Sound Gun:

- With the cardboard tubing and the glad wrap make a sound gun like the one in the picture. Use elastic bands to hold the glad wrap on.
- Carefully make a small hole with a pencil in the glad wrap at one end of the sound gun.
- Hold the end with the hole in it close to the flame of a candle.
- Tap the other end quickly with your hand.
- Try tapping the sound gun a few times.
- Answer the questions below.

a) What happened to the flame when you tapped the end of the sound gun?

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b) When you tapped the end of the sound gun you started a sound wave. What effect did this sound wave have on the air in the tube when it reached the hole at the end?

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