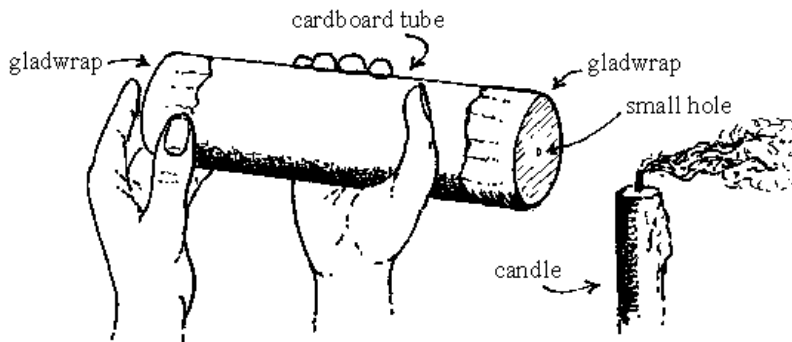


Making a sound gun



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?

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?
