

Science Activity

Sound Amplifier

What you need:

Balloon



Instructions:

1. Blow up the balloon.
2. Hold the balloon next to your ear while you tap gently on the other side of the balloon.

What's happening?

Even though the gentle tap is a very quiet noise, it sounds a much louder noise through the balloon. This is because when you blow up a balloon you force the air molecules inside the balloon closer together. This means the air molecules are a better conductor of sound waves than the air in the room around you.

We'd love to see your experiments and hear about what you have enjoyed learning about.