Making and changing sounds

What You Will Need

- Boxes
- Elastic Bands - different sizes

Method

Use your fingers to pluck the elastic bands on the boxes listening to the sound made.

Can you hear the difference between the thicker and thinner elastic bands?

Do the same elastic bands on the different boxes sound different?

Explanation

When you pluck the elastic band it vibrates which causes the sound you hear.

The rubber bands are pulled tighter on the larger box, this makes the pitch of the sound produced higher.

The vibrations of the box also affect the sound produced.

Extension Activities

Can you try the margarine tub? Is the sound different to the cardboard boxes?

What happens if you hold the elastic band between your fingers?