

Just like the kids in the story, you can see how releasing energy with a rubber band produces sound.

WHAT YOU NEED:

- A flat piece of wood, 1 inch (2.5 cm) thick and at least 12 inches (30 cm) long
- 6 nails
- Hammer
- Rubber bands

WHAT YOU DO:

1. With an adult, pound a nail into the wood at one end of the board.
2. Pound a nail on the other end of the board, at a distance that will stretch the rubber bands you have, but not break them.
3. Place the rubber band around each nail so it spans the distance between the two nails.
4. Pluck the rubber band. Does it vibrate? What do you hear?
5. Add additional nails and rubber bands. Experiment with different lengths or different sizes of rubber bands. Which makes the highest sound? Which makes the lowest? How do the vibrations sound different?

TRY THIS!

RUBBER BAND GUITAR

TRY THIS!

