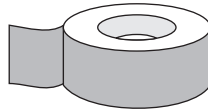


# STRAW WAVES

## YOU NEED



Straws

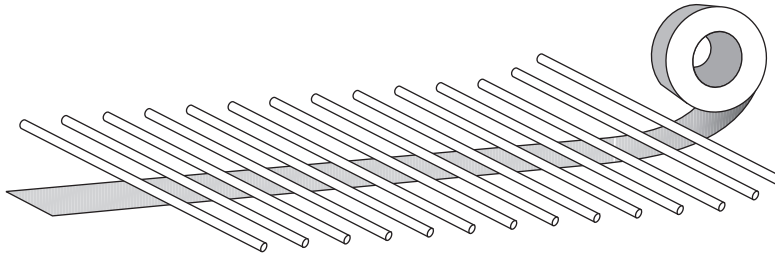


Cello tape



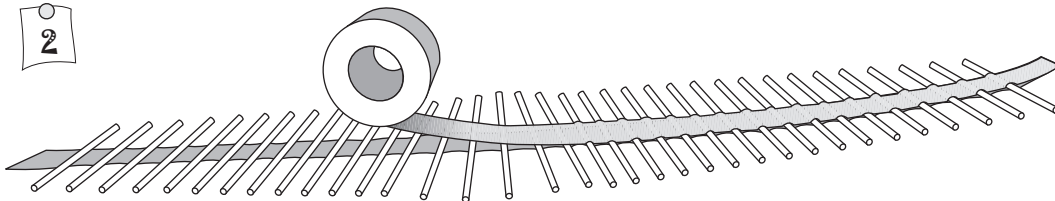
Scissors

1



Stretch 1.5-m tape on the floor with its sticky side up. Stick 60 straws each 2-cm apart. Leave 5-cm of tape on both ends as a handle.

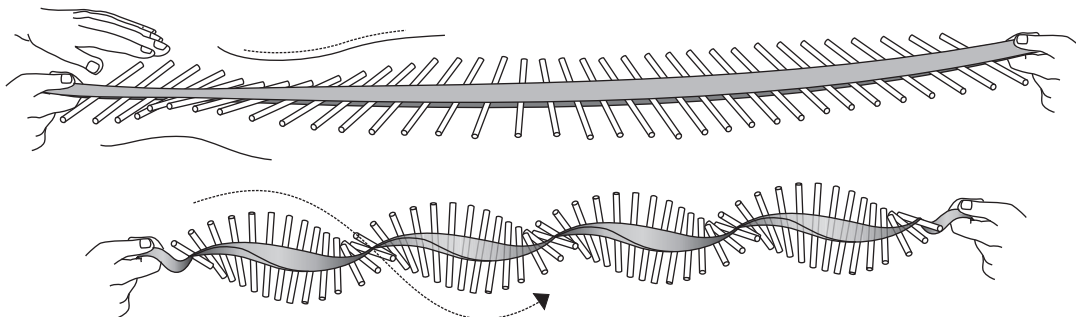
2



Stick another long tape on top so that all the straws are sandwiched between the two tapes.

3

Ask a friend to hold one end of the tape. You hold the other end tightly and give it a tap. A wave will travel along and will be reflected from the other end.



Induce "standing" waves by twisting the end tapes a few times. Now you can clearly see troughs and crests and wavelengths.