



Life

SCIENCE FOR ALL

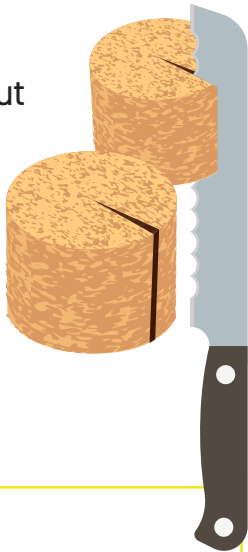


How to make a bee hummer

STEP 1

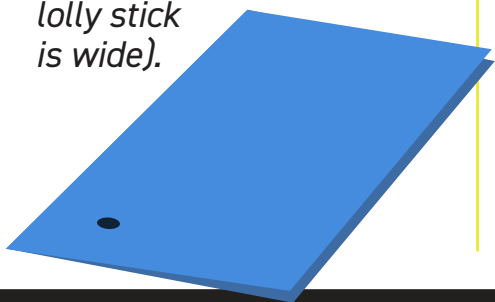
Using the breadknife, cut the cork in half, and cut halfway into each part as shown.

(Ask an adult to do this for you).



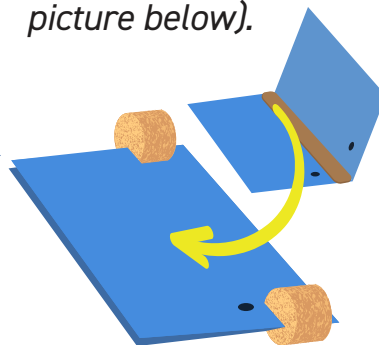
STEP 2

Punch a hole in the greetings card, a little away from the folded edge (about twice as far as your lolly stick is wide).



STEP 3

Put the lolly stick inside the card along the folded edge. Close the card around the stick and hold the stick in place using the grooves cut in your two cork-ends (as shown in picture below).



We used:

- Bread knife
- Hole punch
- Greetings card
- Bottle cork
- String
- Elastic band
- Lolly stick
- An adult to help

STEP 4

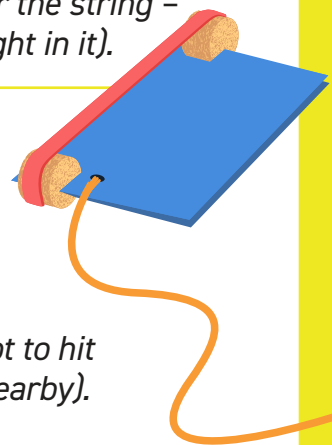
Tie one end of your string through the holes in the card, and stretch the elastic band around the rounded sides of your corks.

(Watch out for the string - don't get caught in it).

STEP 5

Grab the other end of the string and spin!

(Be careful not to hit any objects nearby).



Try:

- Making different notes.
- Making two notes at the same time.
- Working out what speed makes the best noise.

Fact:

Sound is made of vibrations in the air. Bees' wings cause their humming, yours is made by the rubber band rippling through the air! The faster a bee beats its wings, the higher the note of its hum.



Let us know how you got on - tag us @ScienceAtLife.

For more activities you can do at home, go to life.org.uk/life-goes-online