

Let's Look At Science

Astronomy

Make your own starry night.



What you will need;

- cardboard box
- torch
- sharp pencil
- scissors

On the side of your box draw your own constellation or cluster of stars. Then use your pencil to poke holes where you have drawn your stars.

On the opposite side of your box draw around the head (the bulb end) of your torch, cut out the shape and push the head of your torch into the box. You want the fit to be quite tight so no light can escape from this end. Leave the handle outside the box so you can switch it on/off.

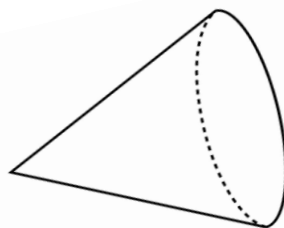
Now you need a dark room where you can shine your torch onto the ceiling.

Well done! You've made your very own starry night.

Do you want to have super hearing?

What you will need;

- large piece of cardboard
- sticky tape
- scissors



Roll your paper to make a cone shape. Leave the large end as big as you can.

Tape your cone to hold it in place.

Now snip the end off the narrow end of the cone to make a small hole.

Sit by an open window and place the small end of the cone up to your ear, point the large end towards the window.

Do you notice how sounds now seem louder? Take the cone away from your ear, can you hear a difference in how loud the outside noises now are?