

Cats' Eyes

Science Experiment



Method

1. Cut out a circle of felt the same size as the base of the can. Set it to one side; it will be needed later in the experiment.
2. Cut out a square of black plastic from the bin bag, large enough to cover the top of the can and be secured down on the sides. Next, cut an oval shape out of the middle of the square - this will be the 'cat's eye'.
3. Use the elastic band to secure the black plastic square over the top of the can. Position the oval 'cat's eye' in the centre.
4. Lay the can on its side, on a table. Stand on the other side of the room and shine the torch at the 'cat's eye'. Observe what you can see.
5. Next, remove the black plastic cover and place the felt in the bottom of the can. It may need securing into place with a small amount of sticky tack or sticky tape.
6. Again, lay the can on its side, on a table. Stand on the other side of the room and shine the torch at the 'eye'. Observe what you can see.

You will need:

Torch

Clean, empty tin can

Black plastic bag

Felt

Scissors

Elastic band

Sticky tack or sticky tape

