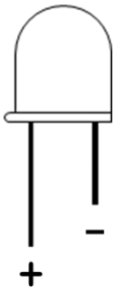


Make a light-up decoration!

Warning: this activity uses coin cell batteries, which are dangerous if swallowed. Keep away from small children and pets.

Step 1 decorate a star, then fold to make it 3D

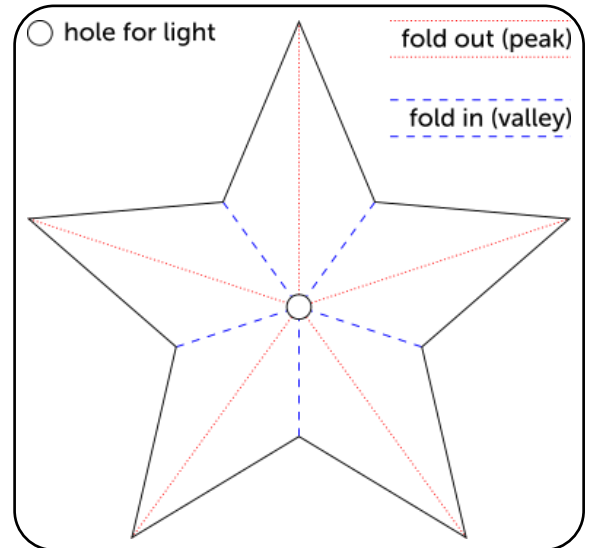
Step 2 choose a coloured light (LED)



They are called *Light Emitting Diodes (LEDs)*

They have two leads, a long & a short

They only turn on if connected the right way round!



Step 3 ask us for a battery, then try to make your LED light up



Push the battery between the two leads.

Remember, it only works one way around!

Challenge: how many LEDs can you light up at once? Does the colour of the lights matter?

Step 4 tape one LED to the battery with masking tape

Step 5 push the LED through the hole in the middle of the star.

Carefully bend it, so the battery and leads lie flat on the back of the star.

Make sure it still lights up, then tape it down securely.

Step 6 take it home as a decoration!

You can use the other hole to hang it.

