

# 3D Shadows

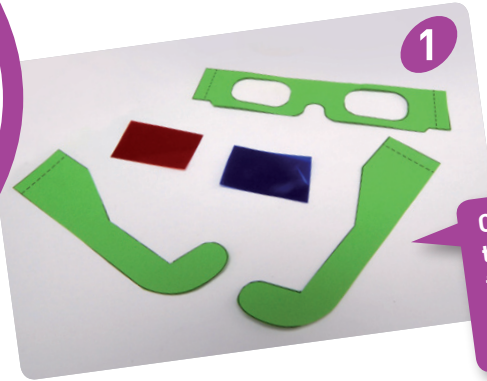
Think you know all about shadows?  
Think again. These coloured shadows  
will really grab you!

[www.sciencemuseum.org.uk/launchpadeducators](http://www.sciencemuseum.org.uk/launchpadeducators)

## Grab this stuff...

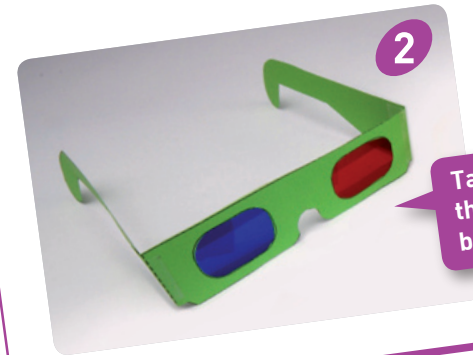


one stop cilil



1

Cut along all the lines on the template till you're left with this...



2

Tape red plastic to the left eyehole and blue to the right.



3

Stand in front of the red and blue slide projectors and put on your glasses.

Launchpad

Hold your hand in front of the projectors and look at its shadow through your glasses.

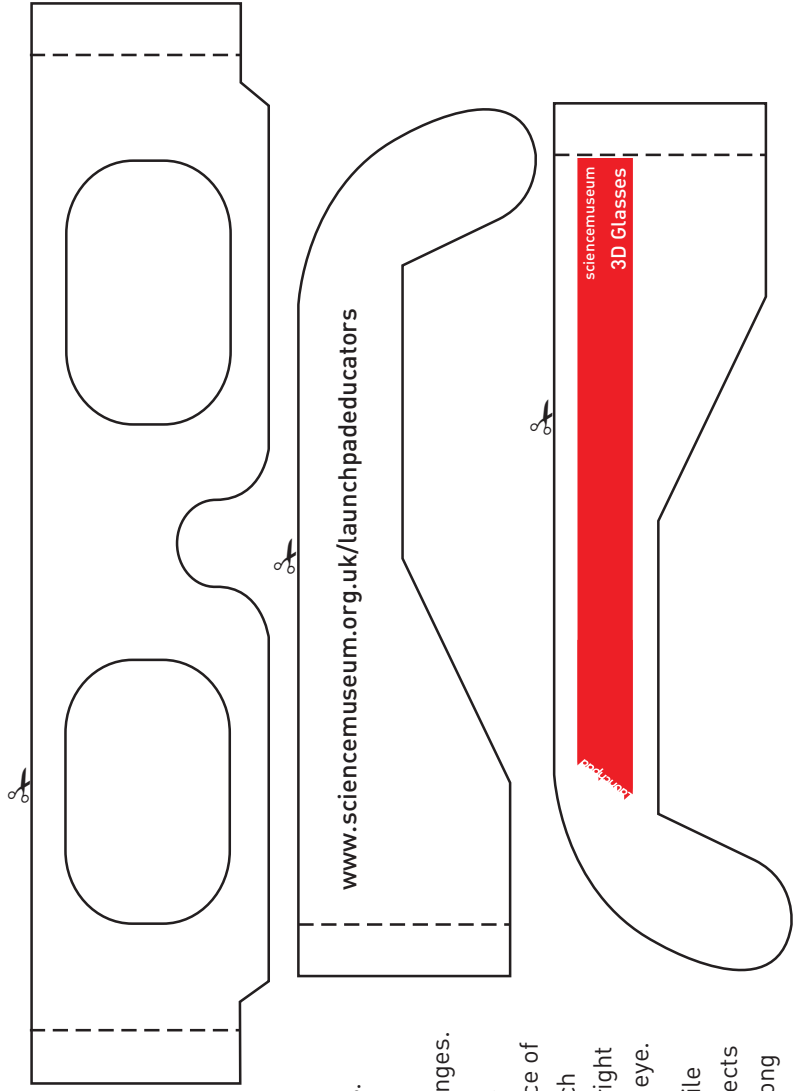


4

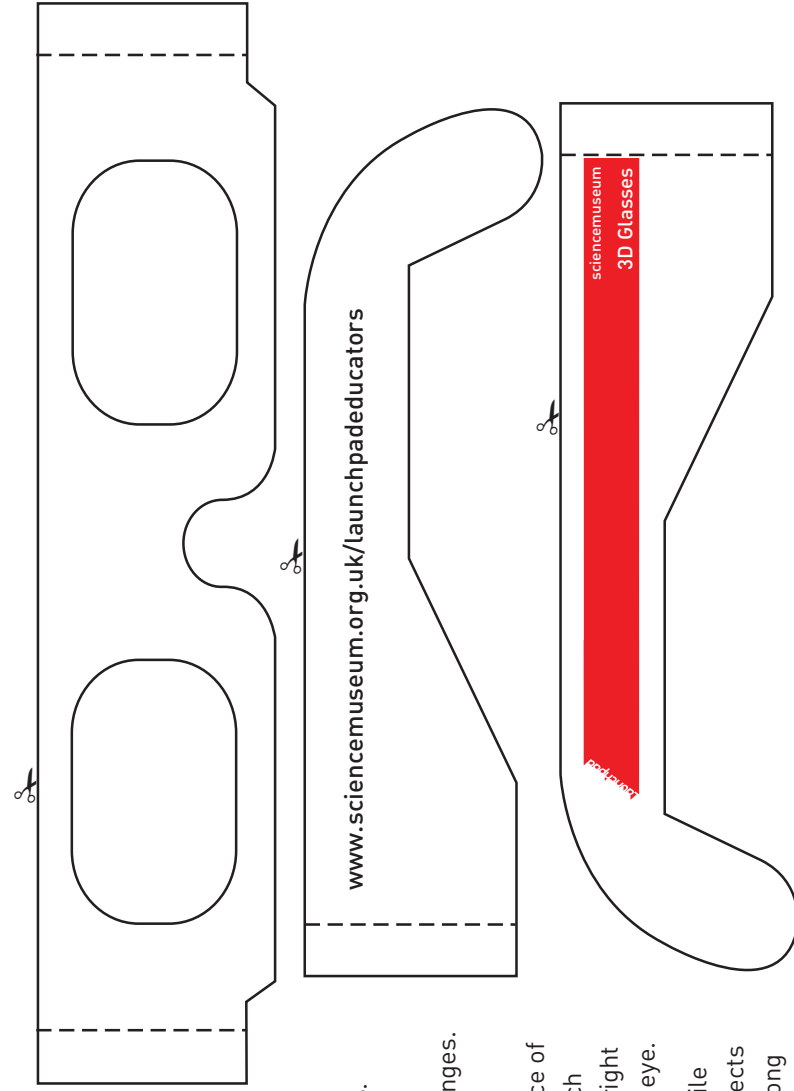
If it doesn't look amazing you've got your glasses on the wrong way. D'oh!

## Duck!





1. Cut out the glasses, including the eyeholes.
2. Tape the arms to the frame and bend the hinges.
3. Place the glasses face down, then stick a piece of coloured plastic to each eyehole – blue to the right eye and red to the left eye.
4. Wear your glasses while you are looking at objects that are lit up with strong red and blue lights. Move your head from side to side to see the 3D shadows.



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