

Crazy 3D-Vision

We see 3D due to being able to perceive depth. This Crazy experiment uses paper 3D-glasses to explore this 3rd dimension and have fun at the same time.



Materials

- 1 3D Glasses
- 2 red pencil, blue pencil and tape
- 3 blank paper

Method

1. Tape the two coloured pencils together so they produce two lines when used.
2. Draw a square or write your name on a piece of blank paper.
3. Place your 3D-glasses on and look at your drawing. Does it look like it stands of the page?3D?
4. Try other shapes or pictures and see which produces the BEST 3D effect.

Note: If you don't have 3D glasses from one of our workshops you can make your own at home or buy them from our store.

What's Going On?

We see depth because our eyes see an object from slightly different positions. 3D pictures use two coloured images (red and blue) and slightly changes the position of them. Our brain overlaps these images and thinks it is seeing the object from two positions. This produces the 3D effect. **See our range of 3D images on our website, even print them off!**

Take it further

This experiment with pictures is found on our website. If you want to stretch your brain cells further by changing variables, graphing etc, then explore these features through our Bright Spark Guides, subscriptions to our Crazy Science Club videos and more. Please see our website for further details.

