

Microbe Magic Experiments

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Eyes and sight – How to make a hole in your hand that won't hurt!

Did you know that you can use your eyes to make a hole in your hand, without any pain? Try this experiment and find out just how easy it is!

What you will need

Paper

Ruler

Your eyes!

Your hand!

What to do:

- Roll up a piece of paper into a long tube. The diameter of the tube should be about 0.5 inches.
- Hold your right hand out in front of you with your fingers and thumb spread out wide.
- Place the tube in the big 'V' between your thumb and forefinger on your right hand.
- Keeping both of your eyes open, look down the tube with your left eye. You should see a hole in your right hand!

Why this happens:

Humans beings have binocular vision – we get a different image from each eye. When you keep both eyes open, your brain gets two different images at the same time – one of the hole in the paper, the other of your left hand! This then gets mixed up to look like you have a hole in your hand!