

Microbe Magic Experiments

<http://microbemagic.ucc.ie>

Eyes and sight – Binocular vision!

Did you know that your eyes are like a pair of binoculars? Use this experiment to see if it is true!

What you will need

Your eyes!

A finger!

A spot on the wall

What to do:

- Stand at one side of the room and look at a spot on the wall (make sure it isn't moving!) at the other side of the room.
- Close your right eye, hold up a finger on your right hand so that it covers some or all of the spot you have chosen.
- Stay as still as possible, close your right eye and open your left eye.
- Does your spot on the wall 'jump' to a different position?

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. It mixes them up to give you an overlapping and complete image which you cannot get from just one eye!