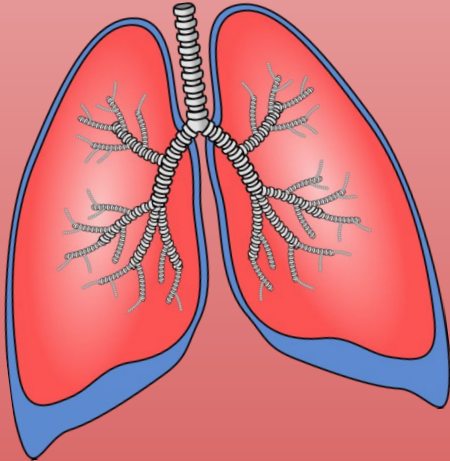


Human life

By Sara and Ella



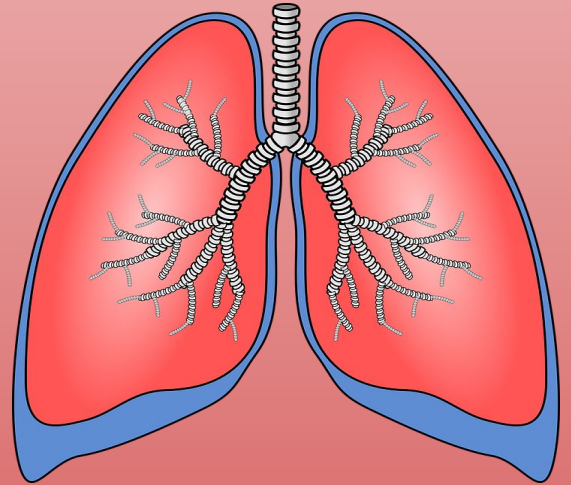
Facts on Human Lungs !

- On average a normal person breathes in about 6 litres of air per minute.
- Lungs are not actually the same size. The right lung is larger than the left lung.
- Lungs can float on water, they are actually the only human organ that can float.
- Children and women breathe faster than the rate of men.

Equipment for our experiment

You will need:

- A large plastic bottle 4-5 litres with Cap.
- A large basin,
- A plastic tube/straw
- Old towels for cleaning up.



Time to experiment !

Measuring the capacity of your lungs:

Fill the plastic bottle with water and put on the lid. Turn it upside down in the basin of water and remove the lid. Put one end of the straw\ tube into the bottle (careful not to let any air in). Take one big breath and then blow into the tube\ straw until you cannot breathe out any more.

Facts about fingerprints !

Fingerprints are the tiny ridges, whorls and valley patterns on the tip of each finger. ... Fingerprints are even more unique than DNA, the genetic material in each of our cells. Although identical twins can share the same DNA -- or at least most of it -- they can't have the same fingerprints.

Fingerprints !

You will need,

- Ink pad and x2 sheets of white paper.

- Draw a thick Scribble, Put your finger on the dark scribble and put it on the other piece of paper.



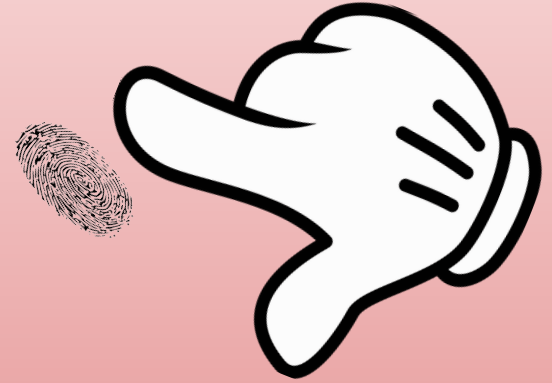
Time to experiment !

Getting your fingerprint:

First we put our finger in the ink pad.

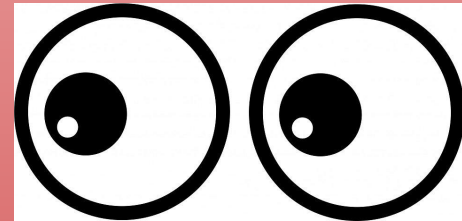
Then, stamp your finger on the white paper.

Hold it on the sheet for 20 seconds then lift it up and see your fingerprint !



Facts about eyes !

- Only 1/6th of your eyeball is exposed to the outside world.
- The average person blinks about 12 times per minute.
That's more than 10,000 times a day.
- If you lined up all of the eyelashes shed in your lifetime, it would add up to about 30 metres.



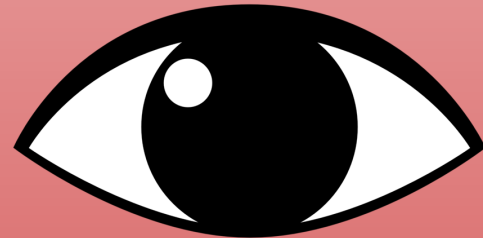
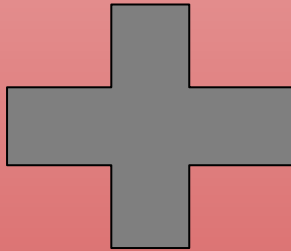
What you'll need !

- A piece of paper
- A black sharpie or marker
- And yourself or a volunteer
- Draw the cross \ circle on the piece of paper

Time to experiment !

Now we're going to be testing volunteers blind spots, all you have to do is stare at the cross and close your right eye.

Stare at the cross till it gets blurry. Tell us when it gets blurry and we will find your blind spot !



Thanks for listening!