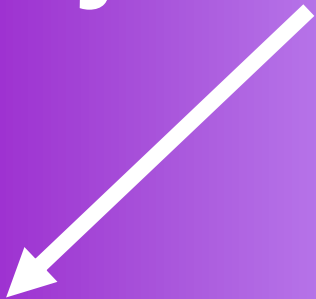


**In our PowerPoint presentations, we have disabled the 'click page to advance slide' option in order to prevent children from advancing the slide by mistake. Slides can only be advanced by using the 'page advance' tools in the bottom left hand corner of the screen.**



# A Sense of Sight



You have five senses that give you all kinds of information about what is happening around you.

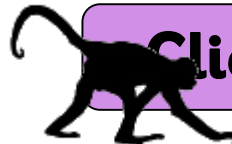
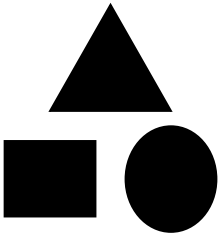
The five senses are **sight**, **touch**, **taste**, **smell** and **hearing**.

We are going to be thinking about your sense of **sight**.

Your sense of sight helps you to see colours.



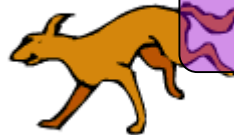
Your sense of sight helps you to see shapes.



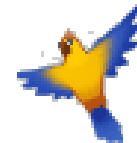
Click



Your sense of sight helps you to see things that move.



Click



Which part of your body do you use to look and see?



Well done! **Click** *You use* your eyes to look and see.

You can learn all sorts of things when you look carefully.

Look at these children. Can you tell if they are happy or sad? Can you tell where they are?

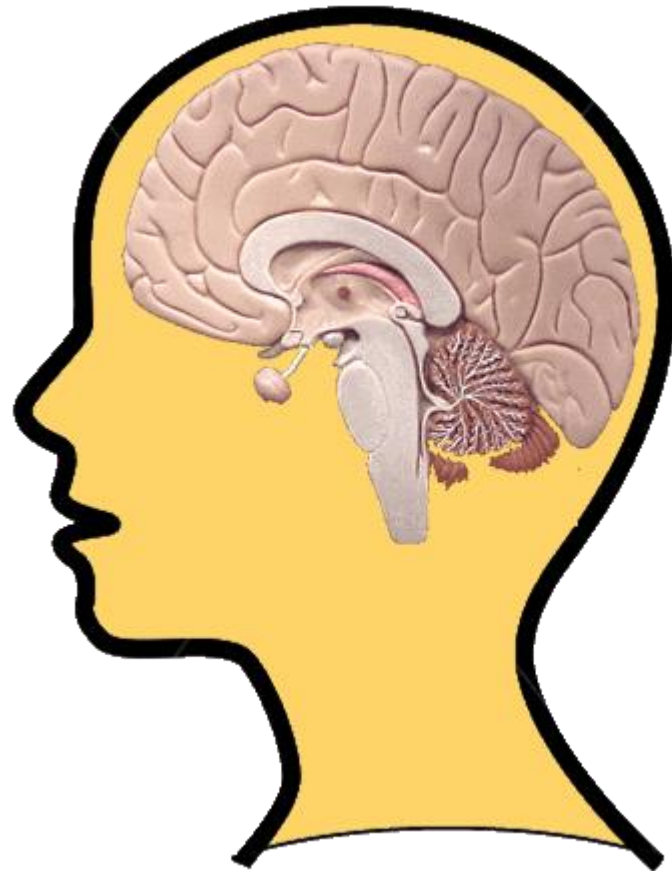
What else can you tell just by looking at them?



Your eyes send messages to your brain about what you see.



**Click**



Try the activity below to see how many messages are sent by your eyes to your brain about the things that you see.

Look carefully at the pictures below.



Now click here [Click](#) to make them disappear.

What can you remember?

Can you answer these questions?

**What colour was the ball?**

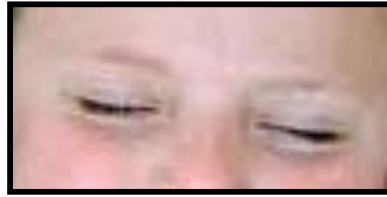
**What colour was the horse?**

**How many ice creams did you see?**

**What else can you remember?**

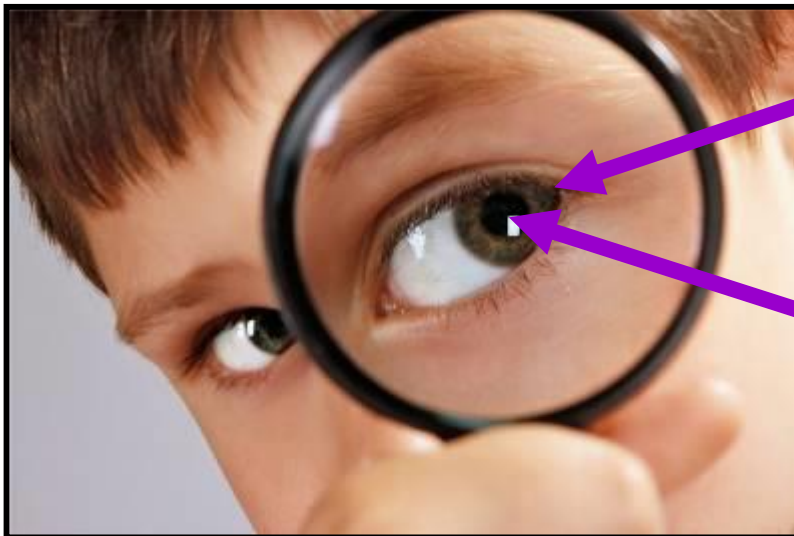
Close your eyes.

What can you see?



**Click**

When your eyes are closed you cannot see the things around you. This is because **light** can no longer get in.



The coloured circle in your eye is the **iris**.

The black circle in the iris is called the **pupil**.

Pupils are holes that let light into your eyes.

When it is dark, your pupils open to let in light. Your pupils get smaller when it is very bright to stop too much light hurting your eyes.

Try the activity below to see your pupils change size.

Close your eyes for a minute then open them and look in a mirror.

Your pupils look big.

Now look out of the window in daylight, then look in a mirror.

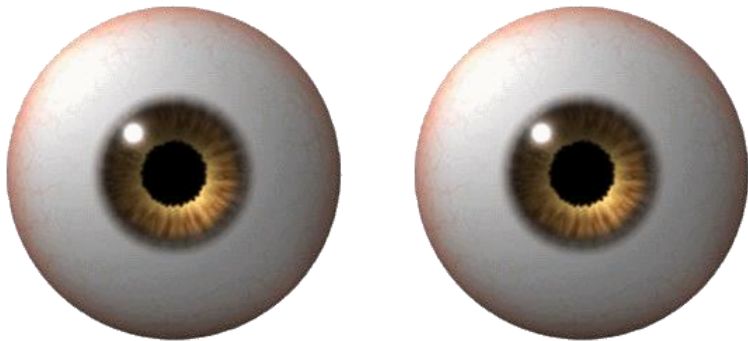
Your pupils should look smaller!





You have two eyes in the front of your head. Only the front parts of your eyes can be seen. The other parts are hidden in your eyeball sockets. Your eyes are shaped like balls and we call them **eyeballs**.

**Click**



This is how your eyes would look if they were not in their sockets.

The eyeballs in your eyes move together. They can move up and down and left and right, but you have to turn your head to see what is going on behind you.



Your two eyes help you to tell how far away something is. It is harder to tell with one eye closed.

Try the activity below to see how differently your eyesight works when you are only using one eye.

Hold your arms out in front of you.

Put a top on a pen.

Now try to put the top on the pen with one eye closed.



How easy is it with one eye closed?



Some people's eyes need a little extra help to be able to see things clearly.

Can you think of anything that people might be able to wear to help them to see more clearly? You might even wear these yourself!

**Click**

### Glasses



There are different reasons why people need to wear glasses or contact lenses.

Long-sighted people need glasses to help them read and see things close up.

Short sighted people need glasses to see things in the distance.

### Contact Lenses



When it is very sunny, we often wear sunglasses. Sunglasses have special dark lenses which help protect our eyes from the bright sunlight.



We now know more about how we use our sense of sight to give us information! BUT, what if you cannot see? Not everybody can. The word we use for people who cannot see is **blind**.

People who are blind learn to use their other senses to give them information.


The sound of someone's voice tells them how that person is feeling.

**Click**

Blind people use their sense of touch to read.



This person is feeling the raised dots with their fingertips. This kind of writing is called **braille**.

**Click on this speaker and listen very carefully.**   
**How do you think this person is feeling?**



This lovely tidy bedroom belongs to someone who is blind. It is very important that rooms are kept tidy for people who cannot see. Can you think why?

**Click**

Blind people can find things if they are always kept in the same place.

If toys and other things are left lying on the floor, they could be dangerous.

Sometimes our eyes can become confused about what they are seeing. Have a look at the pictures below. What do you see?  
Click on the pictures if you need a clue.



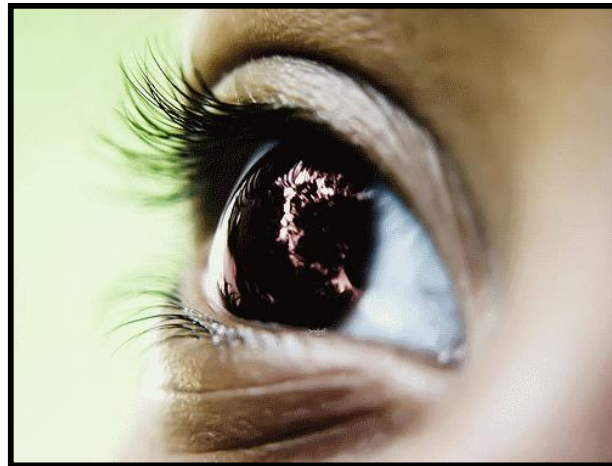
Do you see a  
rabbit or a duck?



Do you see trees or  
people's heads?

We call these kinds of pictures **optical illusions**. They look like one thing, but could be another.

Our sense of sight is a wonderful sense to have. Without our sense of sight, life would be very different.



We hope you enjoy learning more about your sense of sight!