

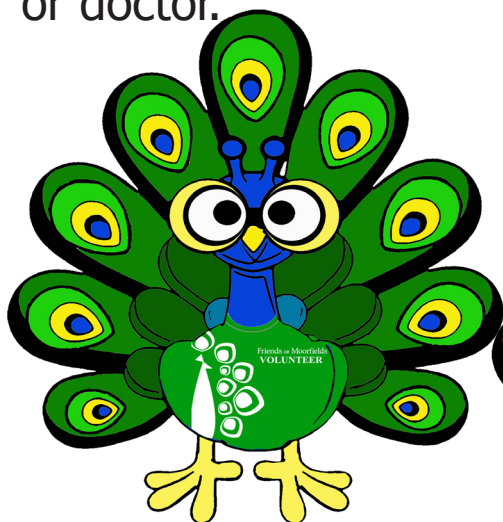


Hi from Friends!

Friends of Moorfields is a charity and we do lots of things to help the patients who come to Moorfields and all the people who work at Moorfields.

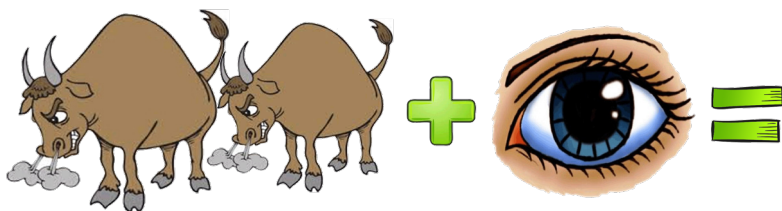
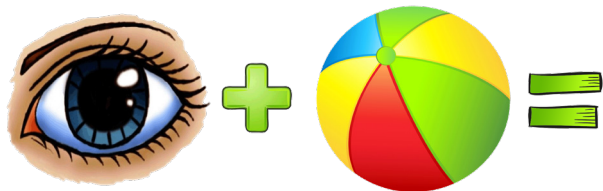
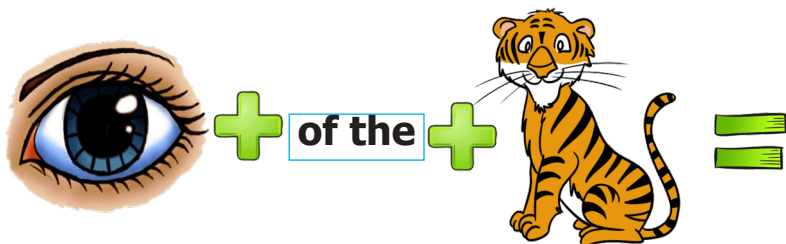
We raise money to buy nice things for Moorfields like toys and fish tanks and special cameras that can take photographs of people's eyes.

There are a lot of kind people who work as volunteers at Moorfields. They wear green jackets and do jobs like helping patients find their way around the hospital and talking to them whilst they wait to see the nurse or doctor.

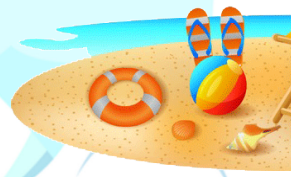


Eye-Quations

Solve the picture equations below to create words and phrases that contain the word "EYE"



**HELP EYEVOR
GET TO THE
BEACH**



WORD SEARCH

T Z H B R S U F O N E Y T W R
M I Q O U T F O O K Y M S G X
F W U M L A C I I W E B I X J
P U M S I I T N B P L N R J Q
Z E I J G C D M Z W I G T J Y
R M F P E N L A T J D I E M Z
X F X L X U I W Y F K J M E J
U V F K E C Z H U O U O O E I
S E F G G A K O T A V Z T F Y
R I C E C R E A M A P M P Q L
G G J E E E R E R M B U O G O
S T S U C D M O C H C A E B L
A C I N H Y B F P J X P W R Y
Y Q Y L E V M N B J V O R I P
I G E P F L C I J L F B H R B



**EYELID
SUMMER
BEACH
LENS
BATHING SUIT**

**OPTOMETRIST
TEARS
ICE CREAM
HOLIDAY
REFLECTION**



What happens when the doctor looks at your eyes?

Doctors use a very special kind of microscope called a Slit Lamp to look inside your eyes. It has a beam of light that can be adjusted by your doctor to help gather important information about your eye.

How does it work?

A slit lamp microscope works very much like a magnifying glass. The doctor looks through the lens and sees a VERY LARGE, magnified, image of your eye. The slit lamp sits on a movable table, you sit in a chair and your doctor will sit on a stool and look through the eye piece to examine your eyes. You will need to rest your chin on a chin rest; this will help you keep your head very still whilst the doctor is looking.

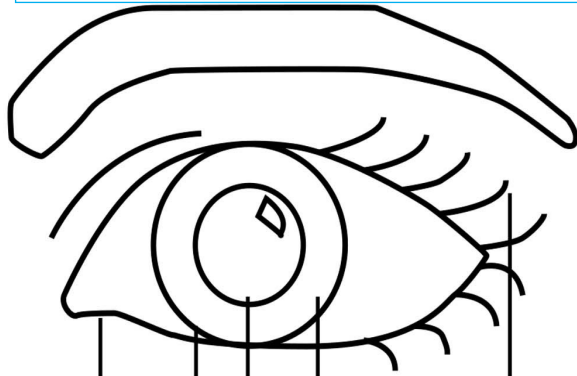
The slit lamp has a bright light on it so your doctor can see right inside your eye. The light can be changed in lots of ways so, your doctor can focus on different parts of your eyes and face.

Using the Slit Lamp the doctor will look closely at all the different parts of your eye, including the: **Eyelids, Iris, Lens, Cornea, Retina and Optic Nerve.**

The doctor will first examine the front areas of your eye and then look again with a different lens to examine the back of your eye. There is no need to worry because nothing at all touches your eye so it doesn't hurt.



Color the numbered part of the eye according to the color of the names below



Color List:

1- Macula

2- Lens

3- Eyelid

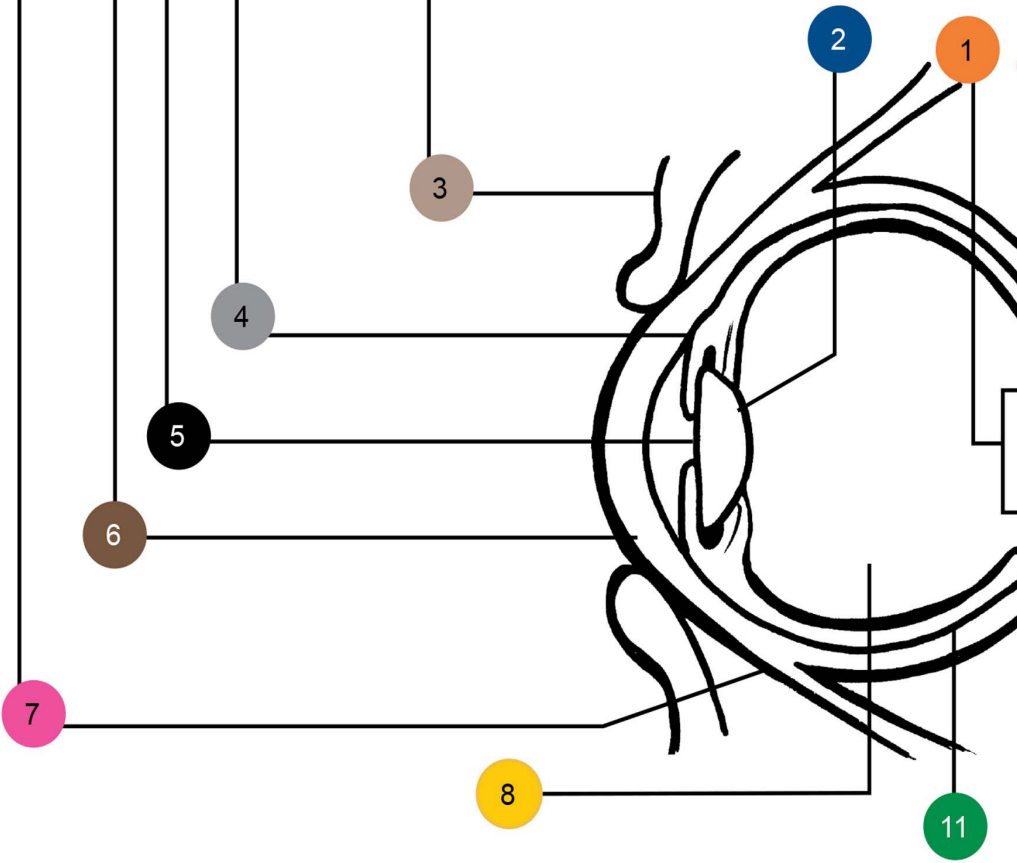
4- Iris

5- Pupil

6- Cornea

7- Sclera

8- Vitreous humor

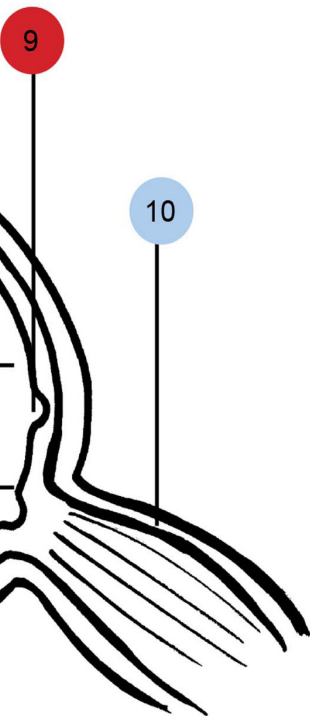


on this page
below.

9- Fovea

10- Optic
nerve

11- Retina



1. **MACULA** – The small sensitive area of the retina that gives central vision; contains the fovea
2. **LENS** – The clear part of the eye behind the iris that helps to focus light on the retina
3. **EYELID** – The skin-covered structure that protects the front of the eye
4. **IRIS** – The coloured part of the eye; regulates the amount of light entering the eye
5. **PUPIL** – The opening at the centre of the iris. The iris adjusts the size of the pupil and controls the amount of light that can enter the eye
6. **CORNEA** – The clear outer part of the eye's focusing system located at the front of the eye
7. **SCLERA** – The tough, white outer coat of the eye
8. **VITREOUS HUMOR** – The clear gel filling inside the eye
9. **FOVEA** – The centre of the macula; gives the sharpest vision
10. **OPTIC NERVE** – The bundled of over one million nerve fibers that carries visual messages from the retina to the brain
11. **RETINA** – The light-sensitive tissue lining the back of the eyeball

Eyevor has an eye test.

Thank you Zoe McLean age 13 for another story:



Eyevor arrived at Old Street Station with his parents. They all made their way to the Children's clinic, it was bright and colourful and there was loads to do and people everywhere.

He wasn't sure who to play with but a lady with a Moorfield's badge came up to him, "Do you want to play with us?" She introduced him to the other children who were all playing with toys together. He was having so much fun he was almost disappointed when someone called out his name for his eye test. He went in with his mum and dad. "Hey Eyevor!" the doctor said, "do you want to try your eye test with letters this time?"

He used to use pictures but now he was old enough to try using letters for the first time! The doctor gave him some huge funny glasses. "Eyevor, you look like a crazy scientist!" his dad chuckled. Everyone laughed. It was really easy, and it was over before he knew it.

They went downstairs to a special room and measured his face. "What colour do you want your glasses to be?" they asked him.

"Hmm... maybe blue!" Eyevor said. They found him lots of cool blue frames and he tried them all on one-by-one. "What do you think?" his mum asked. He

struck a crazy pose and pouted his lips. "I think I look completely fabulous, darling!"

Everyone laughed their socks off until they had to go home. Eyvor couldn't wait to show his best friends Giggles and Lucy!



A brand new Moorfields!

Moorfields wants to move to a new site and build a brand new hospital, and a place where scientists can learn more about what can cause eye problems so they can try to find a cure. They have called this 'Project Oriel'. There are a lot of doctors, nurses and many other people who work at Moorfields working on this project!

It is Kieran McDaid's job to make sure this is all done properly. He has worked on lots of other important buildings already so he knows

what needs to be done! He came to talk to Friends about the new hospital:



"First we had to choose an architect. This is someone whose job it is

to design buildings, and make sure the new hospital has everything it needs as well as looking nice.

Now we need to ask a lot of people what they think about the idea of moving Moorfields; and what they think the new hospital should be like. This will take quite a long time as there are so many people to ask. We want to know what children think about it as well as asking grown ups, so if you have any ideas please do tell us – or why not join the 'Young Peoples Forum'!

Before we can actually start building we also have to make sure the government is happy with the plans – this is because they are in charge of all the hospitals in the country, and because they will be paying for some of the building work. Building a whole new hospital will take about 5 years which sounds like a long time, but it is really important to do it properly!"

Join the Young People's Forum meetings and have a FREE lunch on us!

- Are you aged between 10 and 16 years old?
- Want to help us make the Children's Eye Centre even better and enjoy a free delicious lunch at the same time?

Moorfields is moving to a brand new site and we need your ideas and suggestions about the design of the hospital and services for young people. We also want to hear your views on many other topics affecting young people in Moorfields.



Plus as a special thank you for your time, we will all go out for a pizza or burger after the meeting.

To sign up, speak to our matron Mally Scrutton on 020 7253 3411 ext. 4362

FUN FACTS



When you blink,
you shut your eyes
for 0.3 seconds.
That's a total of 30
minutes each day!

Each eye weighs
 $\frac{1}{4}$ ounce, measures
less than 1 inch
in diameter,
and is shaped like
a slightly
flattened ball.

The retina is about
the size of a
postage stamp.
It has
130 million
lightsensitive cells.

Scorpions have as
many as 12 eyes,
and some
flatworms
have more than 100
eyes scattered all
over their bodies.





Friends of Moorfields Eye Hospital

**If your parents or guardian would like to know about
more about Friends, please contact us at:**

Phone: 020 7251 1240 or

Email: moorfields.friends@nhs.uk

Registered Charity No: 1161546



@MoorfieldFriend



facebook.com/friendsofmoorfields