

Patient Name _____

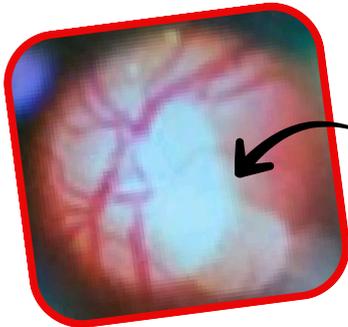


My dominant eye is my....

Left Eye

Right Eye

Both Eyes

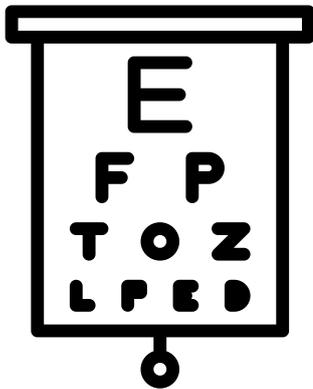


I have seen my retina on the Ophthalmoscope!

Yes

No

What is the name of the bright spot you saw on your retina scan?



Snellen Chart - Eye Test

What was the number of the last line you could read in full without making a mistake? _____

What was the top number of the 'fraction score' from that line?
(The bottom number is always 20!)

20



I have tried on the double vision goggles!

Yes

No

Did you manage a high five or finger tap?

Yes

No

Ears & Hearing

Did you know, humans can only hear up to 20,000Hz. Dogs can hear up to 45,000Hz!



Tuning Fork

I could hear the tuning fork when placed in these locations!

Forehead

On top of Head

Behind my ear

AKA - the mastoid bone!



Hearing Frequency Test

The highest frequency I could hear was _____ Hz

Find your blind spot!

Remember to stare at the cross with one eye and move the paper towards you slowly!... The dot should disappear in your peripheral vision!

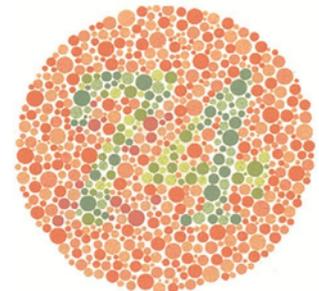
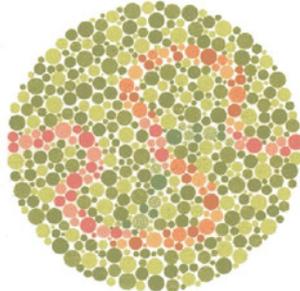
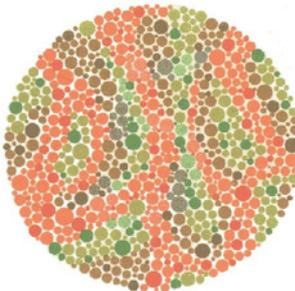
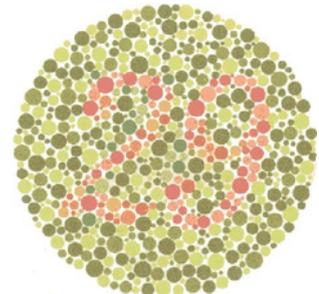
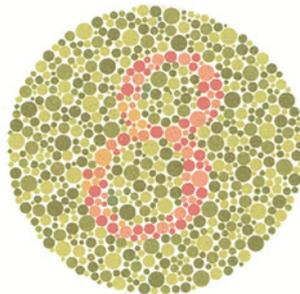
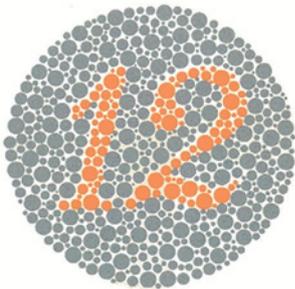
When testing the right eye,
the dot goes on the right!



When testing the left eye,
the dot goes on the left!

Are you colour blind?

Take a look at the pictures below and write down what you can see in the space under each one. Is it a number or a wiggly line or nothing at all? Check with the Colour blind station to check your results and see if you are colour blind!



Am I colour blind?

Yes

No

Optical Illusions - Hole In Your Hand!

Step 1



Roll a piece of paper into a tube and hold to your left eye with your left hand, like a telescope! Keep both eyes open!

Step 2



Take your right hand and slowly bring it towards the tube. Place your right hand so the tube sits between your thumb and index finger.

Step 3



Remember to keep both eyes open. It should look like you have a hole in your hand and you are looking straight through it!

Optical Illusions - Negative After Image

The way your eye and brain see colours is very special. Colours are paired together, and if you stare at one colour for 30 seconds and then look away and blink, you'll see the paired colour! Below are the main pairs. Cover them up so you can only see one colour at a time and stare at it for 30 seconds. Look away and blink repeatedly... you should see the opposite colour!



Which flags could you see during the club?

Medical Images: What can you see?

1.

2.

3.

4.

Pathology Goggles

Experience different eye diseases!

Tick the boxes when you have tried them on!



Blindness – loss of all vision, but with light, shadow and some colour awareness.

Iris

Cornea

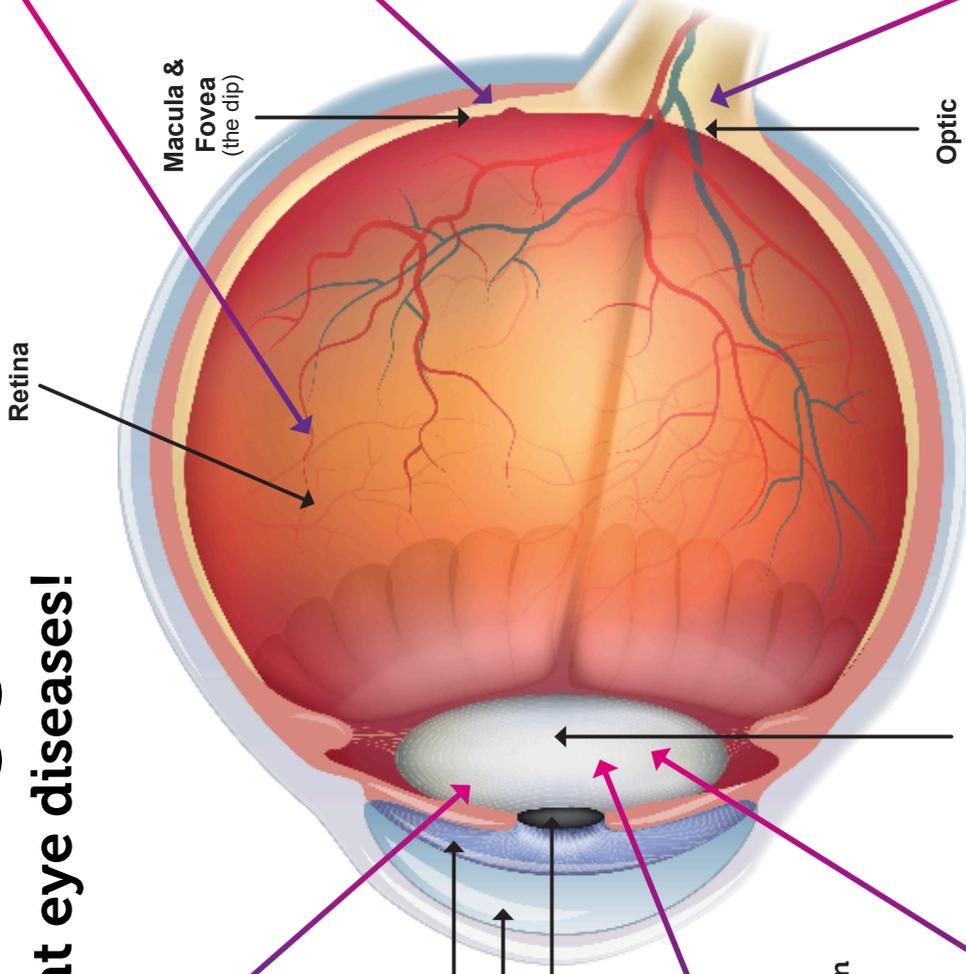
Pupil



Blurry / Loss of Acuity – This is 6/18 vision just below the legal standard for driving!



Cataracts – Hazy vision and scattered glare due to 'misting' of lens at the front of the eye.



Macula & Fovea (the dip)

Retina

Optic Disc

Lens

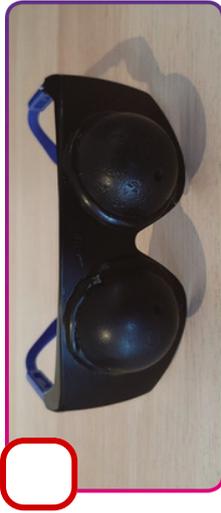
Loss of binocular vision – One eye blind and reduced visual acuity in the other to 6/18



Diabetic Retinopathy – Patchy vision due to damage across the whole retina



Macular Degeneration – Approx 3/60 to 1/60 vision. Damage to central part of vision where it is sharpest. Registered Blind.



Tunnel Vision – loss of all peripheral vision. Glaucoma is a typical cause. Affects optic disc & nerve



Right or Left Side Blind – Also known as Hemianopia. Commonly occurs with optic nerve and brain damage to occipital lobe.