

Cow Eye Dissection Worksheet

1. Name three structures that help focus the light rays entering the eye.

- a. Cornea
- b. Lens
- c. Vitreous Humour

2. Name the three layers that make up the wall of the eyeball.

- a. Sclera
- b. Choroid Coat
- c. Retina

3. Match the following parts of the eye to their function: (optic nerve, sclera, iris, retina, lens, pupil, vitreous humour, aqueous humour, choroid)

<u>Retina</u>	Contains sensory receptors for vision
<u>Iris</u>	The coloured portion of the eye.
<u>Lens</u>	This structure changes shape to focus light on the retina
<u>Pupil</u>	The opening in the iris through which light passes
<u>Vitreous Humour</u>	Helps the eyeball keep its round shape and prevents it from collapsing
<u>Sclera</u>	Outer layer of the eye. Protects the eye and helps it keep its shape
<u>Optic Nerve</u>	Cord at the back of the eyeball. Carries impulses from the eye to the brain
<u>Aqueous Humour</u>	Fills space between the lens and cornea. Plays a part in focussing light rays
<u>Choroid Coat</u>	Dark coloured layer underneath the retina. Contains blood vessels which supply nutrients and oxygen to the eye.



4. Use the picture to name the parts of the eye.

1. **Cornea** _____
2. **Sclera** _____
3. **Optic Nerve** _____
4. **Iris** _____
5. **Pupil** _____
6. **Choroid coat** _____
7. **Retina** _____
8. **Lens** _____
9. **Vitreous humor** _____