

Name: _____ Date: _____ Period: _____

Sheep Eye Dissection Lab Write-Up

Use the guide and teacher directions during the dissection. Record your own specimen observations. Draw with colored pencils and use straight leader lines with clear labels. Note structures you cannot see; do not invent observations.

Materials and procedure

List the materials and tools you actually used.

Summarize how you trimmed and opened the eye, including one precaution you followed.

External anatomy

Draw a large external view (or two views if needed). Label the cornea, sclera, optic nerve, external eye muscle, and fatty tissue where visible. Mark anterior and posterior.

External specimen drawing

Record three surface observations, including differences between fat and muscle.

Partner check: Identify the visible labeled structures and explain their functions.

Student initials: _____ Partner initials: _____ Not visible: _____

Name: _____ Date: _____ Period: _____

Internal anatomy

Draw both opened sections with their inner surfaces facing you. Use an inset for the lens or attachments if needed. Label only what you observe; list structures not visible below.

Posterior: vitreous humor, retina, optic disc, choroid, tapetum lucidum, sclera.

Anterior: lens, ciliary body, suspensory ligaments, iris, pupil, cornea.

Posterior section	Anterior section

Not visible or damaged: _____

Student initials: _____ Partner initials: _____ Teacher check: _____

Specimen observations

Describe the vitreous humor and lens as you observed them. Record the pupil shape and iris color, if visible.

Think About It

1. How did preservation or tissue damage affect your ability to identify a structure? Give one example.

2. Explain how the tapetum lucidum and retina work together to improve dim-light sensitivity.

3. How would damage to the optic nerve affect vision even if the cornea and lens remained intact?

Cleanup

Confirm: specimen stored/disposed of as directed; tissue and fluid placed in designated containers; tools and tray cleaned; work surface cleaned; gloves removed and hands washed.

Student initials: _____ Partner initials: _____