



Class Title: Orange Biology - All About the Eyes

Teacher Name: Rebecca Healy

Class Day: Friday

Class Size: 12

Class Supply Fee: \$52

Class Fee: \$96

Ages or color group served: Orange

What level is this class: Level 2

Prerequisites: NA

Graduation Requirements: Must follow policies and procedures for HCU co-op.

Homework Requirements: Light homework, not every week.

Class Description:

In this course, we will explore the fascinating world of the eye! We will dive into its basic structures, understand how it functions, and uncover the neurological make up that allows our brains to understand what we see. We will also examine the muscular structures of the eye and discuss some common conditions that can affect our vision.

This curriculum will blend elements of anatomy, biology, physiology, and pathology, offering a comprehensive look at the eye. To wrap up the semester, we will have eye dissections for each student to perform. (Optional)

Week 1:

Introductions - expectations

Week 2:

Review of basic medical terminology

Week 3:

Identify structures of the eye

Week 4:

Identify functions of each structure of the eye

Week 5:

In class experiments and projects to demonstrate vision

Week 6:

Parts of the nervous system of the eye

Week 7:

How the brain and eye connect

Week 8:

Extraocular muscles of the eye

Week 9:

In class activities on extraocular muscles

Week 10:

Pathologies of the eye part one

Week 11:

Pathologies of the eye part two

Week 12:

Dissection of Eye