

Notes and activities will be checked for completion & corrections.

Topic	Objective	Approx. # classes	Notes	Activities <u>Not</u> including Labs or Formal Assessments	Mastery Check & # of attempts
1	Production & Properties of Light: <i>Identify & label the electromagnetic spectrum</i> <i>Explain how the light travels in both a wave and a straight line</i> <i>Describe & explain various types of light emissions</i>	2			□□□□
2	Reflection – Plane Mirrors: <i>Understand and apply the laws of reflection</i> <i>Describe the characteristics and positions of images formed by plane mirrors using ray diagrams</i>	3			□□□□
3	Reflection – Curved Mirrors: <i>Describe & predict characteristics of images formed by curved mirrors using ray diagrams & algebraic equations</i>	4	**LAB**		□□□□
4	Refraction: <i>Identify factors that affect refraction as light passes from one medium to another</i> <i>Explain conditions required for partial and total internal reflection</i>	4	**min-LAB**		□□□□
5	Lenses: <i>Describe & predict characteristics of images formed by lenses using diagrams and algebraic expressions</i>	4	**LAB**		□□□□

OPTICS Unit Deadlines & Formal Assessments

All labs must be completed in class and are due at the end of the in-class work period(s).

LABS (completed in class only)	DATES
Curved Mirror Lab	
Refraction Mini-Lab	
Converging Lens Lab	

**In order to write the unit test – ALL mastery checks must be complete
OR have been attempted a minimum of 2 times.**

SUMMATIVE EVALUATION	DATE	Late Test Date
Unit Test	Thurs. Nov. 15th	TBA <u>Prior Approval Required</u>

In order to be considered to write the test on the “late test date” an application must be completed, signed by a parent/guardian and submitted 3 days PRIOR to the test date.

A completed application does not guarantee acceptance to write at the later date.

Mastery Checks:

- Mastery Checks may be attempted more than once and are not considered complete until $\geq 80\%$ is achieved.
- $\geq 80\%$ or a minimum of two attempts on all mastery checks is required before a unit test
- Must be written during class or after school during supervised extra help times.
- 3 attempts are permitted during class time. If more attempts are required, they must be completed after school.
- Keep track of the number of attempts on the unit checklist
- Must be attempted as you progress through the topics – **DO NOT** let them accumulate until the end of the unit. You may run out of time!

Edsby Gradebook Symbols

- ✓ Not yet $\geq 80\%$ but 2 attempts completed
- ! Overdue / Late
- ✗ Not Done
- ⓘ Incomplete (one attempt $< 80\%$)