

Notes and activities will be checked for completion & corrections.

Topic	Objective(s)	Approx. # Hours Not including making notes	Video Notes	Activities Upload completed activities to OneNote	Mastery Checks Thatquiz.org Min 80%
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>	1 class online	1 video		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Got It!
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>	2 classes online	2 videos	Assignment <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Got It!
3	Reflection – Curved Mirrors: <i>Describe & predict characteristics of images formed by curved mirrors using ray diagrams & algebraic equations</i>	3 classes online	2 videos	Assignment <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Got It!
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>	2 classes online	2 videos	Assignment <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Got It!
5	Lenses: <i>Describe & predict characteristics of images formed by lenses using diagrams & algebraic equations</i>	3 classes online	2 videos	Assignment <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Got It!