

**Lesson Plans**

**Mr. Carbonella**

**Week of: May 23rd-May 27th**

Homework and due dates subject to change. Attend class daily to find updated homework assignment or send me an email if you are absent.

Email me for homework assignments if you are absent and wish to work on the homework (mcarbonella@libertychristian.org)

SUBJECT	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>Algebra 1</b>	Integer Exponents Objective: THE STUDENT WILL BE ABLE TO FIND THE MISSING INTEGER EXPONENT. <b>GP: Workbook 7.1 HW: pg398 #58-92even</b>	Powers of 10 and Scientific Notation Objective: THE STUDENT WILL BE ABLE TO EVALUATE AND MULTIPLY BY POWERS OF 10. <b>GP: pg403 #1-11 HW: pg403 #14-24</b>	Powers of 10 and Scientific Notation Objective: THE STUDENT WILL BE ABLE TO CONVERT BETWEEN SCIENTIFIC NOTATION AND STANDARD NOTATION. <b>Inclass: pg403 #21-35</b>	Powers of 10 and scientific notation Objective: THE STUDENT WILL BE ABLE TO DISCERN BETWEEN THE TWO CONCEPTS. <b>Inclass: Workbook 7.2 HW: Writing numbers of scientific notation worksheet</b>	<b>Quiz: Powers of 10.</b> Multiplication properties of exponents Objective: THE STUDENT WILL BE ABLE TO USE MULTIPLICATION OF EXPONENTS TO EVALUATE AND SIMPLIFY EXPRESSIONS. <b>GP: pg412 #1-2, 5, 6, 10-11 HW: pg412 #18-34</b>
<b>Algebra 2</b>	Percentiles and Box Plots Objective: THE STUDENT WILL BE ABLE TO FIND THE QUARTILES AND IQR FOR A GIVEN SET OF DATA. <b>GP: pg734 #7-9, 17-19 HW: pg734 #10-16, 20-31</b>	Percentiles and Box Plots Objective: THE STUDENT WILL BE ABLE TO CREATE BOX PLOTS FOR THE PERCENTILES. <b>GP: Enrichment 13.3 HW: Practice/Apply 13.3</b>	Measures of Dispersion Objective: THE STUDENT WILL BE ABLE TO FIND THE RANGE OF THE GIVEN SET OF DATA. <b>Inclass: pg743 #7-14, 20-23</b>	Measures of Dispersion Objective: THE STUDENT WILL BE ABLE TO CALCULATE THE STANDARD DEVIATION AND MEAN. <b>GP: Technology 13.4 HW: Practice/Apply 13.4</b>	<b>Quiz: Measures of Dispersion</b> Binomial Distributions Objective: THE STUDENT WILL BE ABLE TO FIND THE PROBABILITIES OF TWO CIRCUMSTANCES OCCURRING. <b>HW: pg750 #6-27</b>

<b>Pre-Calculus/AP Calculus AB</b>	Pre-Cal: Review for test <b>HW: Review Sheets</b> Cal: <b>HW: Practice Problem Set 14 pg122</b>	Pre-Cal: Review for test <b>HW: pg961 #1-4, 7-10, 17-18, 20, 23-26</b> Cal: <b>HW: Practice Problem Set 20 pg152</b>	Pre-Cal: <b>Test Chapter 14</b> Cal: <b>inclass: Practice Problem Set 21 pg158</b>	Pre-Cal: Review for Final Cal: <b>HW: Practice Problems Set 22 pg174</b>	Pre-Cal: <b>Senior Final</b> Cal: <b>Senior Final</b>
<b>Physics</b>	Reflections and flat mirrors Objective: THE STUDENT WILL BE ABLE TO UNDERSTAND THE LAW OF REFLECTION. <b>GP: Ray tracing worksheet HW: pg398 #13-20</b>	Multiple Reflections Objective: THE STUDENT WILL BE ABLE TO EXAMINE THE DIFFERENT TYPES OF MIRRORS. <b>GP: Ray Tracing (lens) HW: pg399 #25-34; pg401 #5-6</b>	<b>Lab: Index of Refraction pg451</b>	Locating the Images Objective: THE STUDENT WILL BE ABLE TO LOCATE AND DIFFERENTIATE BETWEEN THE TWO TYPES OF IMAGES. <b>GP: Real vs Virtual images activity lab pg503 HW: pg399 #35-41; pg401 #7-8, 10-12</b>	Color Objective: THE STUDENT WILL BE ABLE TO FIND HOW COLOR WORKS IN OUR EVERYDAY LIFE. <b>GP: Color absorption lab pg520 HW: pg400 #47-60</b>
<b>FST</b>	The normal probability distribution Objective: THE STUDENT WILL BE ABLE TO FIND THE Z-SCORE AND NORMALIZE. <b>GP: worksheet pg309 #1-6 HW: pg278 #15-18, 20</b>	Review for Test <b>GP: stats workbook pg 318 #1-10 HW: pg309 #13, 15-16</b>	<b>Test Chapter 6</b>	Review for final <b>HW: stats workbook pg70 #1-5</b>	Review for final <b>HW: pg59 #1-7</b>
<b>Study Hall</b>	Study Logs	Study Logs	Study Logs	Study Logs	Study Logs
<b>BINDERS DUE (SENIORS)</b>					<b>BINDERS DUE (ALL CLASSES)</b>