

**Lesson Plans**

**Mr. Carbonella**

**Week of: February 7th-11th**

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>	Slope Objective: THE STUDENT WILL BE ABLE TO FIND SLOPES OF LINES. GP: pg276 #1-12 HW: pg277 #20-24, 33-34, 42, 44	Slope Objective: THE STUDENT WILL BE ABLE TO FIND SLOPE FROM AN EQUATION. GP: pg277 #12-19 HW: Workbook 5.3	Slope Inclass: Flyswatter Slope	<b>Quiz: Slope</b> Direct Variation Objective: THE STUDENT WILL BE ABLE TO IDENTIFY, WRITE, AND GRAPH DIRECT VARIATION PROBLEMS. GP: PG285 #2-8even HW: pg285 #10-17all, 20-34even	Slopes Review HW: slopes worksheet
<b>Algebra 2</b>	The exponential function Objective: THE STUDENT WILL BE ABLE TO IDENTIFY THE BEHAVIOR OF EXPONENTIAL FUNCTIONS. GP: pg388 #7-8, 23, 26 HW: pg388 #9-14, 24-25, 27-38	Logarithmic functions Objective: THE STUDENT WILL BE ABLE TO IDENTIFY EXPONENTIAL AND LOGARITHMIC FUNCTIONS AS INVERSES. GP: pg394 #6-7, 14-15, 24-25 HW: pg394 #8-13, 16-21, 26-29	Logarithmic Functions Objective: THE STUDENT WILL BE ABLE TO PRACTICE REDUCING FUNCTIONS. Inclass: Practice and apply 7.3	<b>Quiz: Exponential functions</b> Properties of Logarithmic functions Objective: THE STUDENT WILL BE ABLE TO IDENTIFY THE PRODUCT, QUOTIENT, AND POWER PROPERTIES OF LOGS. GP: pg400 #7-8, 16-17, 24-25, 28-29 HW: pg400 #9-15, 18-23, 26-27, 30-33	Logarithms review HW: Meaning of Logs worksheet

<p style="text-align: center;"><b>Pre-Calculus/AP Calculus AB</b></p>	<p>Pre-Cal: Periodic Graphs and Amplitude Objective: THE STUDENT WILL BE ABLE TO CALCULATE PERIOD AND AMPLITUDE. <b>GP: pg498 #1-4, 19-22</b> <b>HW: pg498 #5-18, 23-38</b> Cal: <b>HW: pg284 #2-30even</b></p>	<p>Pre-Cal: Periodic Graphs and amplitude Objective: THE STUDENT WILL BE ABLE TO WRITE FUNCTIONS BASED OFF THE GRAPH. <b>GP: pg499 #39-40, 51-52, 60-61</b> <b>HW: pg499 #41-50, 53-59, 62-66</b> Cal: <b>HW: pg284 #31-44</b></p>	<p>Pre-Cal: Periodic Graphs and amplitude. Objective: THE STUDENT WILL BE ABLE TO DRAW GRAPHS BASED OFF OF GIVEN INFORMATION. <b>Inclass: algebra 2 workbook pg90</b> Cal: <b>Inclass: pg285 #45-56</b></p>	<p>Pre-cal: <b>Quiz: Periodic Graphs and amplitude.</b> Periodic Graphs and Phase Shifts. Objective: THE STUDENT WILL BE ABLE TO CALCULATE PHASE SHIFTS. <b>HW: pg508 #1-20</b> Cal: <b>Quiz: Antidifferentiation.</b> <b>HW: pg285 #59-64all, 66-82even</b></p>	<p>Pre-Cal: Review Graphing <b>HW: algebra 2 workbook pg88-89</b> Cal: <b>Quiz Optimization Problems</b> <b>HW: pg272 #63-73</b> Cal: <b>HW: pg296 #1-20</b></p>
<p style="text-align: center;"><b>Physics</b></p>	<p>Electricity Objective: THE STUDENT WILL BE ABLE TO KNOW WHAT ARE GOOD CONDUCTORS AND INSULATORS. <b>GP: Balancing charges worksheet</b> <b>HW: Ben Franklin Write-up</b></p>	<p>Two kinds of charge Objective: THE STUDENT WILL BE ABLE TO KNOW ABOUT THE DIFFERENT TYPES OF CHARGES. <b>GP: pg473 #1-6</b> <b>HW: pg473 #7-14</b></p>	<p>Physics Lab Objective: THE STUDENT WILL BE ABLE TO UNDERSTAND HOW A PHOTOCOPIER WORKS. <b>Inclass: lab8.1.6</b> <b>pg551</b></p>	<p>Induced attractions Objective: THE STUDENT WILL BE ABLE TO SHOW HOW ELECTRIC FORCES OPERATE. <b>HW: pg473 #15-22</b></p>	<p>Review Electricity Concepts <b>Inclass: Electricity worksheets</b></p>

<b>FST</b>	Review For Test <b>HW: Stats book pg70-73 #1-8</b>	Review for Test <b>HW: Stats Book pg76 #4-5 (Change questions for percentiles)</b>	<b>Chapter 1 Test</b>	Box Plots Objective: THE STUDENT WILL BE ABLE TO DRAW A BOX PLOT TO VISUAL SEE WHAT A 5 NUMBER SUMMARY IS. <b>GP: pg50 #5 HW: pg50 #6-10</b>	Box Plots <b>HW: algebra 2 ch11-14 workbook section 13.3 practice and apply</b>
<b>Study Hall</b>	Study Logs	Study Logs	Study Logs	Study Logs	Study Logs