

**Lesson Plans**

**Mr. Carbonella**

**Week of: September 20th-24th**

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](mailto:mcarbonella@libertychristian.org))

SUBJECT	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>Algebra 1</b>	Roots and Irrational Numbers Objective: THE STUDENT WILL BE ABLE TO EVALUATE EXPRESSIONS CONTAINING ROOTS. <b>GP: pg35 #1-17 HW: pg35 #23-31, 36-40, 52, 57-64</b>	Roots and Irrational Numbers Objective: THE STUDENT WILL BE ABLE TO CLASSIFY NUMBERS WITHIN THE REAL NUMBER SYSTEM. <b>GP: pg35 #19-22, 32-35, 45-48, 53-56 HW: Workbook 1-5</b>	Review for test <b>Inclass assignment: pg41 #2-34even</b>	<b>Assessment test 1.1-1.5</b>	<b>inclass assignment: algebra 1 worksheets (review of 1.1-1.5)</b>
<b>Algebra 2</b>	Solving Inequalities Objective: THE STUDENT WILL BE ABLE TO SOLVE LINEAR INEQUALITIES AND GRAPH. <b>GP: pg51 #1-6, 10-11 HW: pg53 #15-30, 36-37</b>	Solving Inequalities Objective: THE STUDENT WILL BE ABLE TO SOLVE INEQUALITY STORY PROBLEMS. <b>GP: pg52 #7-9, 12-14, 32-35 HW: Worksheets Practice and apply 1.6 and Enrichment 1.6</b>	Review for test <b>Inclass assignment: pg56 #1-18, 22-25 Extra credit: pg59 #1-20 (4 extra credit points if not more than 4 problems wrong)</b>	<b>Chapter 1 Test</b>	<b>in-class assignment: Algebra 2 worksheets</b>

<p><b>Pre-Calculus/AP Calculus AB</b></p>	<p>PRE-Calculus: Lines Objective: THE STUDENT WILL BE ABLE TO KNOW THE SLOPE OF THE GRAPH AND THE EQUATION OF THE LINE. <b>GP:</b> <b>pg40 #1-4, 7-8, 11- 12, 21-22 HW:</b> <b>pg40 #5-6, 9-10, 13-20, 23-24</b> Calculus: Inverse functions <b>HW:</b> <b>pg44 #1-20, 33-34, 37-40</b></p>	<p>PRE-Calculus: Lines Objective: THE STUDENT WILL BE ABLE FIND PARALLEL AND PERPENDICULAR SLOPE USING POINT-SLOPE FORM. <b>GP: pg40 #25-26, 29-30, 35- 40 HW: pg40 #27, 28, 31-34, 40-42, 52-64EVEN</b> Calculus: Inverse functions <b>HW:</b> <b>pg45 #47-62, 67- 72</b></p>	<p>PRE-calculus: Geometric sequences Objective: THE STUDENT WILL BE ABLE TO RECOGNIZE A GEOMETRIC SEQUENCE AND KNOW ITS RECURSIVE AND EXPLICIT FORM. <b>Inclass assignment:</b> <b>pg63 #1-14</b> Calculus: <b>In-class assignment pg46 #74-80even, 85-98all *97 two sentences min.</b></p>	<p>Pre-Calculus: <b>QUIZ SLOPES</b> Geometric sequences Objective: THE STUDENT WILL BE ABLE TO KNOW THE PARTIAL SUMS OF A GEOMETRIC SEQUENCE. <b>GP:</b> <b>pg63 #15-16, 19-20, 23-24, 29-30 HW:</b> <b>pg64 #17-18, 21-22, 25-28, 31-42 *41 is optional</b> Calculus: <b>HW: pg47 #103-118, 127-130, 137-142</b></p>	<p><b>IN-CLASS ASSIGNMENT: MATH POSTER</b></p>
<p><b>Physics</b></p>	<p>Newton's 3rd law Objective: THE STUDENT WILL BE ABLE TO SEE HOW NEWTON'S 3RD LAW BINDS ALL OUR OBSERVATIONS ABOUT MOTION TOGETHER. <b>GP:</b> <b>pg50 #49-52 pg HW: pg50 #53-62 pg 51 #21-22</b></p>	<p>Review of forces <b>GP: Feel the forces worksheet. HW: Forces exercise worksheets</b></p>	<p><b>Review Game (10,000k pyramid)</b></p>	<p>Chapter 1 and 2 Test</p>	<p>Video: Newton's 3 laws of motion</p>

<b>FST</b>	<p>Trigonometric Identities Objective: THE STUDENT WILL BE ABLE TO KNOW THE DEFINITIONS OF SINE AND COSINE AND BE ABLE TO SIMPLIFY TO THEM. <b>GP: pg 48 #1-2, 5-6, 9-10, 21-22, 27-28 HW: pg48 #3-4, 7-8all, 11-20, 23-26, 29-34</b></p>	<p>Trigonometric Functions Objective: THE STUDENT WILL BE ABLE TO MULTIPLY TRIG FUNCTIONS AND SIMPLIFY EXPRESSIONS. <b>GP pg48 #35-36, 47-48, 59-60, 67-68 HW: pg48 #37-46, 49-58, 61-66, 69-72</b></p>	<p>Review for test <b>inclass assignment: pg52 #2-32even</b></p>	<p>Test Chapter 1</p>	<p>Trig worksheet review <b>in-class assignment: Trig worksheets (2 sets)</b></p>
<b>Study Hall</b>	<p>Study Logs</p>	<p>Study Logs</p>	<p>Study Logs</p>	<p>Study Logs</p>	<p><b>Submit Study Logs</b></p>