

Lesson Plans

Mr. Carbonella

Week of: November 29th-December 3rd

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
Algebra 1	Solving Two Step and Multistep Equations Objective: THE STUDENT WILL BE ABLE TO SOLVE INEQUALITIES WITH MORE THAN ONE OPERATION. GP: pg159 #1-15 HW: pg159 #16-37, 38-48even, 51-59	Solving Two Step and Multi Step Equations Objective: THE STUDENT WILL BE ABLE TO REVIEW STORY PROBLEMS OF TWO STEP INEQUALITIES. GP: Problem Solving worksheet HW: Practice Worksheet B and C	Review for Mid Chapter Assessment Test: Inclass Assignment: pg155 #1-25 and pg161 #68-76	Mid Chapter Assessment Test 3.1 3.4	Solving Inequalities with Variables on Both Sides Objective: THE STUDENT WILL BE ABLE TO SOLVE INEQUALITIES THAT CONTAIN VARIABLES ON BOTH SIDES. GP: pg165 #1-19 HW: pg165 #20-38, 40-48even, 52-56
Algebra 2	Matrix Row Operations Objective: THE STUDENT WILL BE ABLE TO WORK ON THE ELEMENTARY ROW OPERATIONS. GP: pg196 #26, 29 HW: pg196 #27-28, 30-31	Matrix Row Operations Objective: THE STUDENT WILL BE ABLE TO REVIEW ELEMENTARY ROW OPERATIONS. HW: Practice and Apply 4.4 EC: Enrichment 4.4	Review for Assessment Test Inclass: pg244 #1-16	Assessment Test Chapter 4.1-4.4	The Inverse of a Matrix Objective: THE STUDENT WILL BE ABLE TO FIND THE INVERSE OF THE MATRIX (AND IDENTITY MATRIX) GP: pg201 #9-11, 15-16 HW: pg202 #17-22, 26-29

<p style="text-align: center;">Pre-Calculus/AP Calculus AB</p>	<p>Pre-Cal: Radicals and Rational Expressions Objective: THE STUDENT WILL BE ABLE TO SIMPLIFY EXPRESSIONS CONTAINING RADICALS AND RATIONAL EXPONENTS. GP: pg334 #1-6, 16, 26, 32, 41-42 HW: pg334 #7-15all, 17-25all, 27-31all, 33-40all, 43-56even Calculus: HW: pg 163 #21-30, 41-46</p>	<p>Pre-Cal: Radicals and Rational Expressions Objective: THE STUDENT WILL BE ABLE TO RATIONALIZE THE NUMERATOR AND DENOMINATOR. HW: pg334 #57-78, 85-88 Calculus: HW: pg164 #53-62</p>	<p>Pre-Cal: Applications of Exponential Objective: THE STUDENT WILL BE ABLE TO SOLVE COMPOUND INTEREST PROBLEMS. Inclass: PG153 #1-12 Calculus Inclass Assignment: pg171 #1-10</p>	<p>Pre-Cal: Quiz 5.1 Applications of Exponential functions Objective: THE STUDENT WILL BE ABLE TO SOLVE FOR EXPONENTIAL GROWTH AND DECAY PROBLEMS. HW: pg353 #20-36even, 39-44 Calculus: Quiz 2.5 HW:pg 171 #11-28</p>	<p>Pre-Cal: Common and Natural Logarithmic Functions Objective: THE STUDENT WILL BE ABLE TO SOLVE PROBLEMS INVOLVING LOGS. GP: pg361 #1, 5, 14, 15, 24, 25, 26 HW: pg361 #2-4, 6-13, 16-23, 26-35 Calculus: HW: pg178 #1-10</p>
<p style="text-align: center;">Physics</p>	<p>Conservation of kinetic energy Objective: THE STUDENT WILL BE ABLE TO KNOW HOW KE IS CONSERVED LIKE MOMENTUM. HW: pg151 #11-14; pg154 #3-6</p>	<p>Changing KE/Work Objective: THE STUDENT WILL BE ABLE TO KNOW HOW WORK IS REALLY JUST THE CHANGE IN KE. HW: Worksheet Introduction to Work</p>	<p>Change in Work Objective: THE STUDENT WILL BE ABLE TO FIND WHY THERE IS A CHANGE IN WORK ALONG A VECTOR. Inclass: pg151 #15-28; g 154 #9-12</p>	<p>Gravitational Energy Objective: THE STUDENT WILL BE ABLE TO CALCULATE POTENTIAL ENERGY. GP: worksheet introduction to PE HW: pg152 #29-32; pg155 #13-16</p>	<p>Conservation of Mechanical Energy Objective: THE STUDENT WILL BE ABLE TO SEE HOW ALL KE AND PE ARE CONSERVED. GP: Conservation of energy worksheet HW: pg152 #33-42; pg154 #17-20</p>

FST	<p>Phase Shift Objective: THE STUDENT WILL BE ABLE TO FIND HOW A GRAPH SHIFTS TO THE LEFT AND RIGHT. GP: pg212 #1, 6, 7, 10 HW: pg 212 #2-5, 8-9</p>	<p>Phase Shift Objective: THE STUDENT WILL BE ABLE TO DRAW THE GRAPH OF TRIG FUNCTIONS. GP: pg212 #11-12, 23-24 HW: pg212 #13-22, 25-32</p>	<p>Review for Test Inclass: algebra 2 workbook pg88-91</p>	<p>Mid Chapter Assessment Test 4.1-4.3</p>	<p>Finding an equation from its graph Objective: THE STUDENT WILL BE ABLE TO LOOK AT A GRAPH AND WRITE ITS EQUATION. HW: pg 221 #1-30</p>
Study Hall	Study Logs	Study Logs	Study Logs	Study Logs	Submit Study Logs