

Lesson Plans**Mr. Carbonella****Week of: October 4th-October 8th**

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	Simplifying Expressions Objective: THE STUDENT WILL BE ABLE TO COMBINE LIKE TERMS USING MATH PROPERTIES. GP: Practice Worksheet A and C HW: Review for Mastery worksheet	Review sections 1.1-1.3 Objective: THE STUDENT WILL PERFORM AN ASSESSMENT TO SEE IF HE/SHE IS READY TO MOVE FORWARD. GP: pg57 #2-34even HW: pg58 #1-28	Review sections 1.4-1.5 In-class assignment: pg59 #30-58even	Review sections 1.6-1.7 GP: pg60 #60-84even HW: pg62 #2-38even	Chapter 1 Test

<p>Algebra 2</p>	<p>Definition of a function Objective: THE STUDENT WILL BE ABLE TO IDENTIFY AND COMPARE RELATIONS AND FUNCTIONS AND USE THE VERTICAL LINE TEST TO IDENTIFY FUNCTIONS IN GRAPHS. GP: pg80 #1-2, 7-9, 15-20 HW: Practice and apply worksheet 2.3 only 1-10, 15</p>	<p>Using notation to represent functions Objective: THE STUDENT WILL BE ABLE TO USE FUNCTION NOTATION TO DEFINE, EVALUATE, AND OPERATE WITH FUNCTIONS. GP: pg87 #1-3, 10-15, 21-23 HW: Practice and apply worksheet 2.4 skip 15-18</p>	<p>Review Chapters 2.1-2.4 Inclass assignment: Worksheet packet</p>	<p>Assessment Test 2.1 2.4</p>	<p>Linear Functions Objective: THE STUDENT WILL BE ABLE TO USE THE SLOPE FORMULA TO DETERMINE IF THE FUNCTION IS INCREASING, DECREASING OR STAYING THE SAME. GP: pg95 #1-3, 6-8, 13, 16, 18 *don't need graphics calc HW: pg95 #9-12, 14-15, 17, 19-24, 31-38</p>
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<p style="text-align: center;">Pre-Calculus/AP Calculus AB</p>	<p>PRE-Calculus: solving quadratic equation algebraically Objective: THE STUDENT WILL BE ABLE TO SOLVE QUADRATIC PROBLEMS BY FACOTRING, SQUARE ROOT OF BOTH SIDES, AND QUADRATIC FORMULA. GP: pg95 #1-4, 13-16, 29-32 HW: pg 95 #5-12, 17-24, 33-40 Calculus: intro to calculus HW: pg62 #1-8, 10-11</p>	<p>PRE-Calculus: solving quadratic equations algebraically objective: THE STUDENT WILL BE ABLE TO USE THE DISCRIMINANT TO CALCULATE THE NUMBER OF POSSIBLE SOLUTIONS. GP: pg95 # 41-42, 47-48, 57-58 HW: pg95 #43-46, 49-56, 59-60 Calculus: finding limits graphically and numerically HW: pg69 #3-22</p>	<p>PRE-calculus: other types of equations objective: THE STUDENT WILL BE ABLE TO SOLVE ABSOLUTE VALUE EQUATIONS INCLASS ASSIGNMENT: pg116 #1-8 calculus: finding limits graphically and numerically INClass: pg70 #23-38</p>	<p>Pre-Calculus: solving absolute value equations Objective: THE STUDENT WILL BE ABLE TO SOLVE ABSOLUTE VALUE PROBLEM AND STORY PROBLEMS. GP: pg116 #9-12, 23-24 HW: pg116 #13-21, 25-27 Calculus: evaluating limits analytically. HW: pg80 #1-6all, 12-38even</p>	<p>Pre-Cal: Quiz: quadratic equations solving radical equations objective: THE STUDENT WILL BE ABLE TO SOLVE RADICAL AND RACTIONAL EQUATIONS HW: pg116 #28-62even Calculus: evaluating limits analytically Quiz on limits HW: pg80 #39-42, 53-64</p>
<p style="text-align: center;">Physics</p>	<p>Rotation and torque Objective: THE STUDENT WILL BE ABLE TO KNOW THE DIFFERENT TYPES OF ROTATIONS AND HOW TORQUE CAN AFFECT AN OBJECT. HW: pg74 #31-34, 36-38 pg76 #15-20</p>	<p>Rotational inertia Objective: THE STUDENT WILL BE ABLE TO UNDERSTAND THE CONCEPTS OF INERTIA IN ROTATION AND HOW CENTER OF MASS CAN AFFECT STABILITY. GP: pg74 #39-44, pg76 21-22 HW: pg74 #45-60, pg76 #23-24</p>	<p>Review Game (have students make questions on notecards and play press your luck)</p>	<p>Quiz Chapter 3 (Afterwards we will watch Bill Nye's video about motion)</p>	<p>Gravity concepts objective: THE STUDENT WILL BE ABLE TO KNOW HOW EARLY ASTRONOMERS CAME UP WITH THE CONCEPT OF GRAVITY AND ITS PROPERTIES. GP: pg98 #1-8 HW: Dean Baird's forced to go in circles</p>

FST	<p>degrees, minutes, and seconds objective: THE STUDENT WILL BE ABLE TO CONVERT DECIMAL DEGREES TO DEGREES AND MINUTES AND VICE VERSA. GP: pg71 #1-4, 15-16, 23-24 HW: pg71 #5-14, 17-22, 25-30</p>	<p>calculators and trig objective: THE STUDENT WILL BE ABLE TO USE THEIR CALCULATOR TO GET TRIG VALUES AND VICE VERSA. GP: pg71 #31-34, 43-46, 55-58, 67-70 HW: pg72 #35-42, 47-50, 59-66, 71-74</p>	<p>Review inclass: right triangle trig ratios worksheet</p>	<p>Assessment Test 2.1 2.2</p>	<p>solving right triangles objective: THE STUDENT WILL BE ABLE TO FIND THE MISSING SIDE OR ANGLE GIVEN THE OTHER TWO PIECES OF INFORMATION AND TRIG RATIOS. GP: pg80 #1-4, 15-18 HW: pg80 #5-14, 19-32</p>
Study Hall	Study Logs	Study Logs	Study Logs	Study Logs	Submit Study Logs