

Lesson Plans

Mr. Carbonella

Week of: January 31st-February 4th

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	Linear Equations and Functions Objective: THE STUDENT WILL BE ABLE TO IDENTIFY AND GRAPH LINEAR EQUATIONS AND LINEAR FUNCTIONS. GP: pg260 #1-16 HW: pg260 #18-56even	Linear Equations and Functions Objective: THE STUDENT WILL BE ABLE TO REVIEW LINEAR FUNCTIONS. GP: Challenge/Problem Solving worksheet HW: Workbook 5.1	Linear Equations and Functions Objective: THE STUDENT WILL PRACTICE MORE GRAPHING OF LINEAR FUNCTIONS. Inclass: Graphing lines worksheet	Using Intercepts Objective: THE STUDENT WILL BE ABLE TO FIND THE X-AND Y-INTERCEPTS. GP: PG266 #1-12 HW: pg266 #14-20even, 22-32, 34-47	Quiz: Linear Equations and Functions. Using Intercepts Objective: THE STUDENT WILL BE ABLE TO PRACTICE FINDING INTERCEPTS. GP: Problem solving worksheet HW: workbook 5.2
Algebra 2	Complex Numbers Objective: THE STUDENT WILL BE ABLE TO IDENTIFY AND SOLVE FOR COMPLEX NUMBERS. GP: pg300 #8-9, 34-35 HW: pg300 #10-15, 18-33, 36-47	Complex Numbers Objective: THE STUDENT WILL BE ABLE TO PRACTICE REDUCING COMPLEX NUMBERS. GP: Enrichment worksheet 5.7 HW: Practice and apply 5.7	Complex Numbers Objective: THE STUDENT WILL BE ABLE TO PRACTICE READING COMPLEX GRAPHS. Inclass: Operations with complex numbers	Population Growth Objective: THE STUDENT WILL BE ABLE TO MODEL POP. GROWTH/DECLINE BY A FUNCTION. GP: pg380 #6-7, 21-25 HW: pg380 #8-20, 26-38	Quiz: Complex Numbers Population Growth Objective: THE STUDENT WILL BE ABLE TO FIND POPULATION USING EQUATIONS. GP: Enrichment 7.1 HW: Practice and apply 7.1

<p style="text-align: center;">Pre-Calculus/AP Calculus AB</p>	<p>Pre-Cal: Graphs of sine, cosine, and tangent Objective: THE STUDENT WILL BE ABLE TO RECOGNIZE CHANGES IN TRIG GRAPHS. GP: pg483 #1-2, 7, 8, 20-21 HW: pg483 #3-6, 9-19, 22-33 Cal: HW: pg252 #2-16</p>	<p>Pre-Cal: Graphs of sine, cosine, and tangent Objective: THE STUDENT WILL BE ABLE TO DRAW THEIR OWN GRAPHS AND STORY PROBLEMS. GP: pg484 #34-35, 44, 49-54 HW: pg484 #36-43, 45-48, 60-61 Cal: HW: pg268 #3-20</p>	<p>Pre-Cal: Graphs of sine, cosine, and tangent. Objective: THE STUDENT WILL BE ABLE TO ACCOUNT FOR VERTICAL SHIFTS AND AMPLITUDE. Inclass: Graphing trig functions worksheet Cal: Inclass: pg271 #17-32 Extra Credit: pg272 #38-62even</p>	<p style="text-align: center;">ENGLISH TRIP</p>	<p>Pre-Cal: Quiz: Graphs of sine, cosine, and tangent Graphs of cosecant, secant, and cotangent functions Objective: THE STUDENT WILL BE ABLE TO GRAPH THE RECIPROCAL TRIG FUNCTIONS. HW: pg490 #1-10, 18-33 Cal: Quiz Optimization Problems HW: pg272 #63-73</p>
<p style="text-align: center;">Physics</p>	<p>Running heat engines backwards Objective: THE STUDENT WILL BE ABLE TO KNOW WHY IT TAKES ENERGY TO RUN A REFRIGERATOR. HW: pg249 #23-28 pg251 #15-17</p>	<p>Entropy Objective: THE STUDENT WILL BE ABLE TO DEFINE ENTROPY AND ITS USE IN THE WORLD. GP: pg 249 #35-40 pg251 #19-20 HW: pg250 #41-53; pg251#21-24</p>	<p>Order and Disorder Objective: THE STUDENT WILL BE ABLE TO DEVELOP A SYSTEM FOR THE DIFFERENT ORDERS OF THE WORLD. Inclass: pg249 #29-34</p>	<p style="text-align: center;">ENGLISH TRIP</p>	<p>Renewable energy DVD Inclass: Renewable energy Worksheet</p>

FST	Probability video/Pick up new books Inclass: Probability activity and worksheet	Stem and leaf displays Objective: THE STUDENT WILL BE ABLE TO CREATE A SUMMARY OF DATA USING THE STEM AND LEAF FORMAT. GP: pg10 #1-7 HW: pg11 #8-13	Super Bowl Spread Activity Inclass: Stem-and-leaf display of spread	The Range and Interquartile Range Objective: THE STUDENT WILL BE ABLE TO DEFINE WHAT A PERCENTILE IS AND HOW IT RELATES TO THE DATA RANKS. GP: pg20 #1-8, 10 HW: pg21 #11-15	Quiz: Stem and Leaf Displays Stanines Objective: THE STUDENT WILL BE ABLE TO DEFINE A STANINE AND HOW TO PROPERLY USE A GRAPHICS CALCULATORS. HW: pg31 #1, 3-5, 7-10
	Study Hall	Study Logs	Study Logs	Study Logs	Study Logs