

Lesson Plans

Mr. Carbonella

Week of: December 6th-December 10th

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 Inequalities with Variables on Both Sides Objective: THE STUDENT WILL BE ABLE TO WORK ON STORY PROBLEMS. GP: Problem Solving Worksheet HW: Workbook 3-5 | Solving Compound Inequalities Objective: THE STUDENT WILL BE ABLE TO SOLVE COMPOUND INEQUALITIES IN ONE VARIABLE. GP: PG174 #1-14 HW: pg174 #15-28, 36-42, 48-50 | Solving Compound Inequalities Objective: THE STUDENT WILL BE ABLE TO WRITE AND GRAPH A COMPOUND INEQUALITY FROM A DESCRIPTION. Inclass: Workbook 3-6 | Solving absolute-value inequalities Objective: THE STUDENT WILL BE ABLE TO SOLVE INEQUALITIES OF ONE VARIABLE INVOLVING ABSOLUTE VALUE EXPRESSIONS. GP: pg181 #2-18even HW: pg181 #20-48 | Solving absolute value inequalities Objective: THE STUDENT WILL BE ABLE TO REVIEW STORY PROBLEMS. Quiz Time! Compound Inequalities. HW: Workbook 3-7 |
| Algebra 2 | The inverse of a matrix Objective: THE STUDENT WILL BE ABLE TO GET MORE PRACTICE USING MATRIX INVERSE. GP: Workbook 4.5 Inverse Matrix HW: Inverse Matrix Worksheet | Systems of Linear Inequalities Objective: THE STUDENT WILL BE ABLE TO GRAPH THE SOLUTION TO A SYSTEM OF LINEAR INEQUALITIES. GP: pg224 #4-12 HW: pg225 #13-29 | Systems of Linear Inequalities Objective: THE STUDENT WILL BE ABLE TO PRACTICE MORE GRAPHING TECHNIQUES. Inclass: workbook 4.8 | Systems of Linear Inequalities and Equalities Review Objective: THE STUDENT WILL BE ABLE TO REVIEW BOTH TYPES OF SYSTEMS. GP: Story Problems Worksheet HW: Systems Worksheets | Quiz Systems! Review for Monday's Test HW: pg246 #17-20, 26-29; pg249 #1-8 |

| | | | | | |
|---|--|--|---|---|---|
| <p>Pre-Calculus/AP Calculus AB</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, 26-36 Calculus: HW: pg178 #2-10even, 13-26all</p> | <p>Pre-Cal: Common and Natural Logs Objective: THE STUDENT WILL BE ABLE TO FIND RATES OF CHANGE. GP: pg362 #59-60 HW: pg362 #61-69 Calculus: HW: pg188 #10-60even</p> | <p>Pre-Cal: Review for Assessment Test Inclass: Workbook pg151 #1-5, 11-17 Calculus Inclass Assignment: pg189 #62, 78-82even, 88-96even, 118-120even, 124</p> | <p>Pre-Cal: Assessment Test 5.1, 5.3-5.4 Calculus: Chapter 2 Test</p> | <p>Pre-Cal: Properites and Laws of Logs Objective: THE STUDENT WILL BE ABLE TO WRITE LONG LOGS AS A SINGLE LOG. GP: pg369 #1, 5, 11, 21 HW: pg369 #2-4, 6-10, 12-20, 22-26 Calculus: HW: pg200 #1-14</p> |
| <p>Physics</p> | <p>Rollercoasters and Other Forms of Energy Objective: THE STUDENT WILL BE ABLE TO SEE HOW THE CONSERVATION OF MECHANICAL ENERGY APPLIES TO ROLLERCOASTER DESIGN. GP: Rollercoaster Worksheet HW: pg153 #45-54</p> | <p>Power Objective: THE STUDENT WILL BE ABLE TO SEE HOW POWER IS RELATED TO THE CHANGE IN ENERGY OVER TIME. GP: Power Worksheet HW: pg153 #55-58; pg155 #21-24</p> | <p>Review for Chapter 5-6 Press Your Luck; Lingo Bingo</p> | <p>Chapter 5-6 Test</p> | <p>off</p> |

| | | | | | |
|-------------------|---|---|---|------------------------------|---------------------------------|
| FST | <p>Inverse Trig Functions Objective: THE STUDENT WILL BE ABLE TO WRITE AN INVERSE LINEAR FUNCTION. GP: pg238 #1, 5, 10, 19, 38 HW: PG238 #2-4, 6-9, 20-37</p> | <p>Inverse Trig Functions Objective: THE STUDENT WILL BE ABLE TO USE A CALCULATOR TO FIND THE INVERSE AND THE MISSING SIDE. GP: pg239 #39-40, 53-54 HW: pg239 # 42-52even; 55-68all</p> | <p>Review for Test Inclass: pg243 #2-22even; 28-38even</p> | <p>Chapter 4 Test</p> | <p>off</p> |
| Study Hall | <p>Study Logs</p> | <p>Study Logs</p> | <p>Study Logs</p> | <p>Study Logs</p> | <p>Submit Study Logs</p> |