

Lesson Plans

Mr. Carbonella

Week of: March 7th-March 11th

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 |
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| Algebra 1 | Point-slope Form Objective: THE STUDENT WILL BE ABLE TO PRACTICE THE WORD PROBLEMS ON POINT SLOPE FORM. GP: Problems Solving Worksheet HW: Workbook 5.6 | Point-Slope Form Objective: THE STUDENT WILL BE ABLE TO TRANSFORM EQUATION INTO ANY FORM. HW: algebra 1 workbook pg 84-85 | Slopes of Parallel and Perpendicular Lines Objective: THE STUDENT WILL BE ABLE TO IDENTIFY AND GRAPH PARALLEL AND PERPENDICULAR LINES. Inclass: pg308 #1-3, 5-6 | Slopes of Parallel and Perpendicular Lines Objective: THE STUDENT WILL BE ABLE TO WRITE EQUATIONS OF PARALLEL AND PERPENDICULAR LINES. GP: pg308 #8 HW: pg308 #9-11all, 13-15 all, 34-44even | Quiz: Point-Slope Form Slopes of Parallel and Perpendicular Lines Objective: THE STUDENT WILL BE ABLE TO PRACTICE WRITING EQUATION OF PARALLEL AND PERPENDICULAR LINES. HW: pg309 #18-33 |
| Algebra 2 | Special Right Triangles Objective: THE STUDENT WILL BE ABLE TO KNOW THE TRIGONOMETRIC RATIOS. GP: Enrichment 8.1 HW: Practice and apply 8.1 | Special Right Triangles Objective: THE STUDENT WILL GET MORE PRACTICE ON RIGHT TRIANGLES. HW: Special Right Triangles Worksheet | Special Right Triangles Objective: THE STUDENT WILL BE ABLE TO MANIPULATE SPECIAL RIGHT TRIANGLES. Inclass: algebra 2 workbook pg73-74 | The Unit Circle Objective: THE STUDENT WILL BE ABLE TO FIND ANGLES IN STANDARD POSITION, FIND CO-TERMINAL ANGLES, AND FIND THE RELATIONSHIP BETWEEN SINE AND COSINE. GP: pg443 #8-11, 33-37 HW: pg443 #12-31, 38-45 | Quiz: Special Right Triangles The Unit Circle Objective: THE STUDENT WILL BE ABLE TO GET MORE PRACTICE USING A UNIT CIRCLE TO FIND SOLUTIONS. HW: Practice and apply 8.2 |

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| <p>Pre-Calculus/AP Calculus AB</p> | <p>Pre-Cal: Using Trig Identities Objective: THE STUDENT WILL BE ABLE TO PRACTICE MORE SOLVING FOR X AND UNIT CIRCLE WITH TRIG IDENTITIES. HW: pg608 #17-27 Cal: HW: pg340 #1-10</p> | <p>Pre-Cal: Review for Test HW: pg611 #1-4, 12-13, 19-20, 24-25, 31-36, 43-46 Cal: HW: pg340 #11-28</p> | <p>Pre-Cal: Review for Test Inclass: Review Sheets Cal: Inclass: pg41-48</p> | <p>Pre-Cal: Review for Test HW: Finish Review Sheets Cal: HW: pg348 #1-22</p> | <p>Pre-Cal: Test Chapter 9 Cal: HW: pg348 #23-30, 37-44</p> |
| <p>Physics</p> | <p>Batteries Objective: THE STUDENT WILL BE ABLE TO FIND HOW A BATTERY FUNCTIONS. HW: pg494 #1-8</p> | <p>Manhattan Project Video HW: Modern Marvels Worksheet</p> | <p>Pathways Objective: THE STUDENT WILL BE ABLE TO UNDERSTAND ELECTRIC PATHWAYS AND THE CONCEPT OF CURRENT. Inclass: Current/Voltage worksheet</p> | <p>A Water Model Objective: THE STUDENT WILL BE ABLE TO KNOW HOW CURRENT WORKS AND THE MATHEMATICAL REPRESENTATION FOR IT. GP: pg494 #9-18 HW: pg495 #21-24; pg496 #1-2</p> | <p>Physics Lab: Ohm's Law/Series and Parallel Circuits</p> |

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| FST | <p>Measures of Central Tendency Objective: THE STUDENT WILL BE ABLE TO PRACTICE MORE MEASUREMENTS OF STANDARD DEVIATION. HW: stats book pg114-115 finding mean and standard deviation</p> | <p>Measures of Central Tendency Objective: THE STUDENT WILL BE ABLE TO REVIEW MEAN, MEDIAN, MODE, RANGE, AND STANDARD DEVIATION. HW: Practice and apply 13.4</p> | <p>Other Measures of Dispersion Objective: THE STUDENT WILL BE ABLE TO DISCOVER THE COEFFICIENT OF VARIATION AND THE VARIANCE. Inclass: pg98 #1-2</p> | <p>Other Measures of Dispersion Objective: THE STUDENT WILL BE ABLE TO FIND MORE METHODS OF VARIATION. HW: pg99 #4-6, 10</p> | <p>Quiz: Measures of Central Tendency Other Measures of Dispersion Objective: THE STUDENT WILL LOOK AT METHODS OF VARIATION AGAIN BEFORE MOVING TO HISTOGRAMS. HW: stats book pg114-115 finding variance and coefficient of variation</p> |
| | Study Hall | Study Logs | Study Logs | Study Logs | Study Logs |