**BISHOP GUILFOYLE CATHOLIC HIGH SCHOOL**

**DAILY LESSON PLAN**

TEACHER: PROVENZANO WEEK OF \_\_\_\_\_\_10/ 29 – 11/ 2 / 2018\_\_\_\_

COURSE\_\_AP Physics 1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ CLASS PERIOD(S)\_\_\_\_\_\_\_2(M), 3(M-F)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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|  | CONTENT (Planned Course of Study Unit and Topic) | OBJECTIVE | STRATEGIES/ MATERIALS/ TECHNOLOGY | LESSON(INTRODUCTION/ PROCESS/ CLOSURE | HOMEWORK/ ASSESSMENT | NOTES/ ADJUSTMENTS(OPTIONAL) |
| TUESDAY10/30 | Kinematics Test | Students will demonstrate the ability to solve one-dimensional motion problems and analyze motion graphs. | calculators  | Chapter 2 Test; Collect Vector projects | Work on Chapter 2 Review Problems  |  |
| WEDNESDAY10/ 31  | Unit 3 Two-Dimensional KinematicsSec. 3.2 Vector Addition and Subtraction: Graphical Method | Students will apply graphical methods of vector addition and subtraction to determine the displacement of moving objects.  | iPads; calculators;discussion; analysis; teaching others | Students will resolve vector components acting at 0o, 90o, and 180o. Work in small groups, complete for homework.  | Complete practice problems for Thursday.  |  |
| THURSDAY11/1(MASS) | Unit 3 Two-Dimensional KinematicsSec. 3.2 Vector Addition and Subtraction: Graphical Method | Students will apply graphical methods of vector addition and subtraction to determine the displacement of moving objects.  | iPads; calculators; discussion; analysis; teaching others | Students will check answers to problems from yesterday; will resolve vector components by using the Law of Cosines. Students will also determine the two component vectors when given the resultant magnitude and direction. | Complete practice problems for Friday.  |  |
| FRIDAY11/2 | Unit 3 Two-Dimensional KinematicsSec. 3.2 Vector Addition and Subtraction: Graphical Method | Students will apply graphical methods of vector addition and subtraction to determine the displacement of moving objects.  | iPads; calculators; discussion; analysis; teaching others | Summary of problems – students will check for comprehension. When finished, students will work on AP Physics 1 quizzes, posted on our class weebly page. | Test Monday. |  |