## EnRICHED PhYsics TARgets CALENDAR CHAPTER 3

## Name:

$\qquad$
Hour: $\qquad$
Directions: You should use this page to focus on the daily targets and corresponding assigned reading, questions, and problems and to track the targets that you have mastered. Refer to the syllabus for more information.

| Monday | Tuesday | Wednesday | Thursday | Friday |
| :--- | :--- | :--- | :--- | :--- |
| 9/13 <br> Targets: 3.1 | $9 / 14$ <br> Targets: 3.2-3.3 | $9 / 15$ <br> Targets: 3.3, 3.5 | 9/16 <br> Targets: 3.3, 3.7 <br> Experiment 2 | 9/17 <br> Targets: 3.7-3.8 <br> Experiment 2 (cont) |
| 9/20 <br> Target: 3.4, 3.6 | 9/21 <br> Target: 3.4, 3.6 | $9 / 22$ <br> Review | $9 / 23$ <br> Exam | $9 / 24$ |


| Targets and Homework | SA | A1 | A2P | A2 |
| :---: | :---: | :---: | :---: | :---: |
| Friday, September 10th |  |  |  |  |
| 3.1 Find the resultant of two or more vectors using graphical and trigonometric techniques. <br> R: 1-3; Q: 1-7 <br> Chapter 3 Worksheet 1:2, 4, 5, 7 |  |  |  |  |
| Monday, September 13th |  |  |  |  |
| 3.1 Find the resultant of two or more vectors using graphical and trigonometric techniques. <br> R: 4; Q: 8, 9; P: 1, 6, 8, 9, 11, 16 |  |  |  |  |
| Tuesday, September 14th |  |  |  |  |
| 3.2 Describe the motion of a projectile.$\text { R: 5; Q: 11, } 12$ |  |  |  |  |
| 3.3 Calculate the horizontal and vertical displacement of a projectile with an initial horizontal velocity <br> R: 6; P: 19, 20, 22, 24, 27 |  |  |  |  |
| Wednesday, September 15th |  |  |  |  |
| 3.3 Calculate the horizontal and vertical displacement of a projectile with an initial horizontal velocity Experiment 2 Pre-Lab |  |  |  |  |
| Thursday, September 16th |  |  |  |  |
| 3.5 (FR) Calculate the horizontal and vertical displacement of a projectile with a nonhorizontal initial velocity. <br> Experiment 2: Step \#15 <br> P: 23, 28, 35 |  |  |  |  |
| $\begin{array}{lll}\text { SA: Self-Assessment } & \begin{array}{ll}\text { A1: Assessment \#1 } & \text { A2P: Preparation for A2 } \\ & \text { D: Developing Mastery }\end{array} & \text { M: Mastered }\end{array}$ | A2: Assessment \#2 |  |  |  |


| Targets and Homework | SA | A1 | A2P | A2 |
| :---: | :---: | :---: | :---: | :---: |
| Friday, September 17th |  |  |  |  |
| 3.7 (Lab) Model the path of a projectile based on experimental data and use this model to hit the predicted location. <br> Experiment 2 Lab Practicum |  |  |  |  |
| 3.8 (Lab) Compare predicted values based on a model against experimental results. Experiment 2 Informal Report |  |  |  |  |
| Monday, September 20th |  |  |  |  |
| 3.4 Describe the motion of an object, in 1 dimension, in terms of various frames of reference. <br> R: 8; Q: 14; P: 40 |  |  |  |  |
| 3.6 (FR) Describe the motion of an object, in 2 dimensions, in terms of various frames of reference including a boat moving in a current and an airplane moving through wind. <br> P: 41, 43, 47, 51, 52, 55 |  |  |  |  |
| Tuesday, September 21st |  |  |  |  |
| $\begin{aligned} & \text { Review Sheet } \\ & \text { P: 61, 66, 69, } 73 \end{aligned}$ |  |  |  |  |
| 3.4 Describe the motion of an object, in 1 dimension, in terms of various frames of reference.$P: 44,54,59,65$ |  |  |  |  |
| 3.6 (FR) Describe the motion of an object, in 2 dimensions, in terms of various frames of reference including a boat moving in a current and an airplane moving through wind. <br> Q: 15; P: 45-46, 64 |  |  |  |  |

