***Lesson Plans for the Week of: 5/15/17 Teacher: Hough Course: Physics Period: 3***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Elements of  a Lesson | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Objective/  Focus/  Essential  Question | PH.4a;5c;6a  Trebuchet construction and improvement | PH.4a;5c;6a  Trebuchet changes design | PH.4a;5c;6a  Finish trebuchet report | PH. 5b,g;10a,h  Review for final exam | PH6b;11a-d;12f,i,j  Review for final exam |
| Lesson/Act.  Type of Presentation | Students will finish trebuchets, demonstrate how product works, and start changes in design | Students will finish changes and demonstrate how final product works | Complete report about trebuchet | Review circular motion, inverse square laws, conservation of momentum | Review electricity, magnetism, nuclear physics |
| Evaluation | Trebuchet and written document of design and changes, along with reasons for changes | Trebuchet and written document of design and changes, along with reasons for changes | Trebuchet and written document of design and changes, along with reasons for changes | worksheet | worksheet |
| Extension/  Homework |  |  |  |  |  |

Materials:

Monday:

Tuesday: scotch tape, ruler; rubber bands, popsicle sticks, hot glue gun w/glue sticks, straws, pencils, paper clips, string, cardboard

Wednesday:

Thursday: teacher-made review sheet; textbook

Friday: teacher-made review sheet; textbook