**Teacher:** Rowe **Week of:** November 12th **Course Title:** PLTW – Design and Modeling **Periods:** 4,5,6

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|  | OBJECTIVES | ACTIVITIES | RESOURCES | HOMEWORK | EVALUATION | STANDARDS |
| MON | Veterans Day |  |  |  |  |  |
| TUE | Dream House Sketch Project | Students will present their projects. | Smartboard |  | Student Work | D1.1, D1.2, D2.1 |
| WED | Taking Modeling to Another Dimension | Lecture on dimensional analysis  Have students work on building cubes in Sketchup Pro.  Additive and Subtractive Modeling | myPLTW.org  Computer  Notebook |  | Student Work | KS2.1C1, KS2.1C2, KS2.1C3, KS2.2A1, KS2.2A2, KS2.3A1, KS2.3A2, KS2.3B4, KS2.4A1, KS2.4A2, KS3.2A2 |
| THUR | Taking Modeling to Another Dimension | Lecture on dimensional analysis  Have students work on building cubes in Sketchup Pro.  Additive and Subtractive Modeling | myPLTW.org  Computer  Notebook |  | Student Work | KS2.1C1, KS2.1C2, KS2.1C3, KS2.2A1, KS2.2A2, KS2.3A1, KS2.3A2, KS2.3B4, KS2.4A1, KS2.4A2, KS3.2A2 |
| F  R  I | Taking Modeling to Another Dimension | Do dimensional analysis warmup  Have students work on building cubes in Sketchup Pro.  Additive and Subtractive Modeling | myPLTW.org  Computer  Notebook |  | Student Work | KS2.1C1, KS2.1C2, KS2.1C3, KS2.2A1, KS2.2A2, KS2.3A1, KS2.3A2, KS2.3B4, KS2.4A1, KS2.4A2, KS3.2A2 |