**Teacher:** Rowe **Week of:** March 9th  **Course Title:** PLTW – Design and Modeling **Periods:** 4,5,6

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|  | OBJECTIVES | ACTIVITIES | RESOURCES | HOMEWORK | EVALUATION | STANDARDS |
| MON | Puzzle Design Project with blocks  Assemble & Create Key | Create Puzzle Design  Work on Engineering Notebook | myPLTW.org  Notebook  ¾ Wooden Cubes  ¾ Linking Cubes  Computer |  | Student Work  Notebooks | KS1.1E1, E2  KS1.2A3  KS1.3A1, A3, A4  KS2.1A1, C1, C3  KS2.3A2, B3, B4, B5  KS2.4A1 |
| TUE | Puzzle Design Project with blocks  Collect Data | Create Puzzle Design  Work on Engineering Notebook  Students will solve puzzles. | myPLTW.org  Notebook  ¾ Wooden Cubes  ¾ Linking Cubes  Computer |  | Student Work  Notebooks | KS1.1E1, E2  KS1.2A3  KS1.3A1, A3, A4  KS2.1A1, C1, C3  KS2.3A2, B3, B4, B5  KS2.4A1 |
| WED | Puzzle Design Project with blocks  Collect Data | Create Puzzle Design  Work on Engineering Notebook  Students will solve puzzles | myPLTW.org  Notebook  ¾ Wooden Cubes  ¾ Linking Cubes  Computer |  | Student Work  Notebooks | KS1.1E1, E2  KS1.2A3  KS1.3A1, A3, A4  KS2.1A1, C1, C3  KS2.3A2, B3, B4, B5  KS2.4A1 |
| THUR | Puzzle Design Project with blocks  Analyze Data & Make Reflections | Create Puzzle Design  Work on Engineering Notebook | myPLTW.org  Notebook  ¾ Wooden Cubes  ¾ Linking Cubes  Computer |  | Student Work  Notebooks | KS1.1E1, E2  KS1.2A3  KS1.3A1, A3, A4  KS2.1A1, C1, C3  KS2.3A2, B3, B4, B5  KS2.4A1 |
| F  R  I | Puzzle Design Project with blocks | Create Puzzle Design  Work on Engineering Notebook  Complete Engineering Notebook | myPLTW.org  Notebook  ¾ Wooden Cubes  ¾ Linking Cubes  Computer |  | Student Work  Notebooks | KS1.1E1, E2  KS1.2A3  KS1.3A1, A3, A4  KS2.1A1, C1, C3  KS2.3A2, B3, B4, B5  KS2.4A1 |