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| **8th Physical Science February 19th – 23rd**  |
| **Standard:**  To describe how energy provides the ability to do work and can exist in many forms.The student will: Explain how simple machines, such as inclined planes, pulleys and levers, are used to create mechanical advantage |
|  **Bell Work:**  Simple Machines from Force & Motion Warm-Up Bundle **Station Lab:** Simple Machines (Kesler)  |
| **Monday** | **Sequence Notes** | **Whole Group Mini-Lesson** | **Thinking/Reading/Independent Practice** | **Project/HW Notes** |
| No School MondayPresident’s Day Holiday |  |  |  |
| **Tuesday** | **Sequence Notes** | **Tech/Tools Station** | **Thinking/Reading/Independent Practice** | **Project/HW Notes** |
| Day 1 & 2 Warm-UpComputer Lab Google Classroom links for Watch It and Research ItRead It - Independently | **I can describe what it means to “make work easier.”**The Watch It and Research It stations will be completed in computer lab or in small groups with Chromebooks. | **I can identify different types of levers.**The Read It station work will be completed independently in class or for homework before class Wednesday. | Read It for HW if not finished in class – Due Wednesday |
| **Wednesday** | **Sequence Notes** | **Explore Station** | **Small Group/Independent Practice** | **Project/HW Notes** |
| Day 3 Warm-UpStationsExplore It & Write It\*Teacher assist with small group to reinforce content | **I can demonstrate that an inclined plane reduces the amount of work required.**The Explore It Station Work will be completed in small groups.  | **I can give examples of the six main types of simple machines.**The Write It station work will be completed and vocabulary review work will be started. | Write It due Thurs Science Fair Data due by Monday 2/26/18 |
| **Thursday** | **Sequence Notes** | **Explore Station** | **Small Group/Independent Practice** | **Project/HW Notes** |
| Day 4 Warm-UpStationsOrganize/Illustrate/Assess\*Teacher assist with small group to reinforce content | **I can define and give examples of each type of simple machine.** The Organize It and Illustrate It station work will be completed in small groups. | **I can classify simple machines by their characteristics.** The Assess It station work will be completed and an independent practice assignment will be given. | Warm-Up and Station Lab Sheet due Friday after quiz |
| **Friday** | **Sequence Notes** | **Tech/Tools Station** | **Tech/Tools Station** | **Project/HW Notes** |
| Day 5 Warm-UpComputer Lab Google Classroom links for online quizMoby Max Science Lessons  | **I can demonstrate an understanding of simple machines and related vocabulary for an assessment.** Online quiz linked through Google Classroom | **I can use technology to explore scientific topics.**Students will complete Moby Max assignments on related science topics. | Science Fair Data due by Monday 2/26/18 |
| **Notes:**  All Science Fair investigations for middle school should be performed by this weekend. Data collected is due on Monday 2/26/18. Project reports are due Wednesday 3/7/18. Science Fair is Wednesday 3/21/18 |