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| **F I R S T T R I M E S T E R**  |
|  | **BIG IDEA** | **PROJECT (PBL)** | **CULMINATING ACTIVITY** |
| Science | Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances for Earth. | Gather data from resources about the distance from a certain star to Earth and the Sun to Earth. | Develop and present a Prezi or Powerpoint about the difference in brightness of the Sun compared to the star. |
| Math | Round and compare decimals to the 1,000’s |
| Writing |  |
| Art |  |
| Social Studies |  |
| Reading |  |
| **S E C O N D T R I M E S T E R**  |
|  | **BIG IDEA** | **PROJECT (PBL)** | **CULMINATING ACTIVITY** |
| Science | Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost. | In groups, students will develop a product to ship to a customer, and determine how many units will be contained in a shipment.Ship the Chip | Students will present conclusion and net profit of each and total shipment. |
| Math | Understand concepts of volume and relate volume to multiplication and division. |
| Writing |  |
| Art |  |
| Social Studies |  |
| Reading |  |
| **T H I R D T R I M E S T E R**  |
|  | **BIG IDEA** | **PROJECT (PBL)** | **CULMINATING ACTIVITY** |
| Science | Describe and graph the amounts and percentages of water on Earth. | Students will move through different erosion rotations, while making observations in their erosion notebook. | Presentation of findings of the role of water on the Earth. |
| Math | Perform operations with multi digit whole numbers and decimals to the hundredth’s place |
| Writing |  |
| Art |  |
| Social Studies |  |
| Reading |  |