

Thomas Edison Energy Smart Charter School
5th Grade Science curriculum
2015-2016

ALL UNITS - HOMEWORK:

Each unit in Science will have homework assignments from the Science Fusion Workbooks and FOSS worksheets.

ALL UNITS - QUIZZES: Please anticipate at least 4 quizzes for a unit and 2 tests mid assessment as well as unit assessment for each unit. The quizzes will not be announced as far in advance as tests, but students will be notified the day before the quiz.

Projects: At the End of each marking period, students will be assigned project aligning to the units that they did.

ALL DATES LISTED ARE TENTATIVE

Marking Period 1: Unit 1: Science Practices and Levers and Pulleys Time Frame: September 8 th – Nov 6 th , 2015	
Unit 1.1 – How scientists work Unit 1.2 – Engineering Process Science Fusion Unit 1 – How scientists work Science Fusion Unit 2 - Engineering process FOSS : Models and Designs Go Carts Investigation	Time frame: September 8 th – Sept 17th, 2015 10 days Unit Test 1.1 and 1.2 : Sept 21st, 2015
Unit Plan 1.3 – Levers and Pulleys FOSS Kit – Levers and Pulleys Investigations 1 – 4	Time Frame: Sep 22 nd – Nov 5 th , 2015 Unit Test 1.3: Nov 6 th , 2015
Project for Marking Period Unit 1: Student makes any complex machine using at least 2-3 simple machines, rubric will be provided.	Due on November 5 th , 2015

Marking Period 2: Unit 2: Mixtures and Solutions (Physical Sciences) Time Frame: November 10 th – January 22 nd , 2016 PARCC Practice Test: December 9-13 (tentative)	
Unit 2- Mixtures and Solutions . FOSS Investigations: 1-4 Science Fusion Unit 13	Time frame: Nov 10 th – January 21 st , 2016 (14 days) Unit test – January 22 nd , 2016
Project for Marking Period 2: Students one of the many project ideas that are listed at the end of the module.	Due on January 21 st , 2016
Marking Period 3: Unit 3: Exploring Ecosystems Time Frame: January 26 th , 2016 – March 30 th , 2016	
Unit 3 – Exploring Ecosystems – Environments modules FOSS Investigations – 1,2,3,5 Science Fusion Units – Units 3- 7	Time frame for FOSS (Feb 19 th , 2016) Unit test - Feb 22 nd Time Frame for FUSION (till March 28 th , 2016) Unit test 2 – March 30 th , 2016
Project for Marking Period 3: Students do the Web quest biome project.	

<p>Marking Period 4: Unit 4: Solar Energy (Earth Sciences) Time Frame: April 13th, 2016 – June 16th 2016</p>	
<p>Science Fusion Units: Units 8,11 (9 and 10 , 4th grade standards already covered in 4th grade) FOSS solar energy: Investigations: 2-4</p>	<p>Science Fusion time frame; May 20th, 2016 Unit test for Science Fusion: May 23rd, 2016</p> <p>FOSS Investigations time frame: May 26th- June 10th, 2016 Unit test for FOSS: June 13th, 2016</p>
<p>Project for Marking Period 4: Due June 6th, 2016 Students pick one of the project ideas from the Solar energy project ideas listed at the end of the unit.</p>	