**6th Grade Science Syllabus**

**Course Description:** 6th Grade Science at Monroe Middle School is dynamic and challenging. Through inquiry-based learning, which includes hands-on lab activities and experiences, students will ask and answer meaningful and thought provoking questions, share new and important knowledge with others and practice scientific processes. Through these methods students will learn the concepts that lead to understanding this ever-changing  planet on which we live. Sixth grade science at MMS will provide students with a basic knowledge of our planet and our solar system, with special emphasis on how this knowledge relates to them and their personal range of experiences. Beyond that, it is my goal to teach my students to develop an understanding of, and appreciation for, the basic concepts of science.

**Science Pacing Guide**

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| Dates | Topics |
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| August/September | **Space**-day/night, seasons, moon phases, tides, eclipses, solar system, space exploration |
| September/October | **Earth**- layers, plate tectonics, rock cycle, soil |
| **10/5- 10/16 2015** | **Benchmark I (Earth)** |
| October/November | **Matte**r- atoms, elements, physical properties, phase changes |
| November/December | **Energy**- waves, heat, light, sound |
| **11/30-12/11 2015** | **Benchmark II (Physical)** |
| December/January | **Plants-**parts of a flower, plant processes |
| January | **Ecosystems-** food chains, energy cycles, populations, biomes |
| **1/4- 1/15  2016** | **Benchmark III (Life)** |