



## 6th Grade Science Syllabus

[dschantz@asmilan.org](mailto:dschantz@asmilan.org)

**Mr. Dan Schantz**

**Objective:** In this class we will explore how the world around us can be understood through scientific reasoning. We will investigate real world events as they relate to our units and in the process develop our skills as young scientists. It is my hope that you can draw on the inquiry we do in this class to think critically when presented with a challenge and make more informed decisions about the world around you as you transition into adulthood. We will also be focusing on graphic literacy since it is such a large part of how we receive and transmit information in our modern age.

**Grades:** I only assign grades to assessments. I do not grade based on work habits although there is a direct link between work habits and assessment scores.

**Homework:** I try to give as little homework as possible but when presented, please accomplish as thoroughly as possible.

**Website:** [www.asmscienza.com](http://www.asmscienza.com)

This website will be a primary resource for the work that we do in class with links to interactive material that will enhance learning. Parents are more than welcome to follow along so our entire learning community can stay up to date on what we are learning and what this process looks like.

**Curriculum:** All units are tied to the Next Generation Science Standards (NGSS)

Unit #	Name	Theme
1	Scientific Method	How does one use experimental methods of scientific inquiry to understand the natural Earth?
2	Mapping the Earth	How does one use experimental methods of scientific inquiry to understand the natural Earth?
3	Age of the Earth	Why do geologists study fossils?
4	Rocks and Minerals	What are the different ways rocks/minerals form and how do we identify them?
5	Plate Tectonics	How does the interior of the Earth affect the surface?
6	Water, Atmosphere, and Space Sciences	How are water, the atmosphere and forces from our solar system essential to life on Earth?
7	Natural Resources and Climate Change	How have humans impacted climate change through the use of non-renewable resources?
8	Healthy Relationships	As I grow and develop how do I form healthy relationships?

[Link to NGSS for interested parents](#)