



## 6<sup>th</sup> Science – Earth & Space: Syllabus

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### **Supplies:**

\*Science Notebook (Composition)   \*Folder                      \*Pencils                      \*Highlighters

### **COOPERATIVE**

#### **Participation:**

Since your active engagement in lessons will dramatically impact your learning, I expect you to be fully engaged throughout each lesson. I will do all I can to keep the lessons engaging, safe, and fun.

### **RESPECTFUL**

\*Respectful behavior in class is essential to you and your classmates learning and having a positive experience in class. I expect you to help others learn and allowing others to learn.

### **ACHIEVERS**

Sixth grade science is designed with the idea that students should receive a science education they can use throughout their lives. One goal is empowering students to make sense of the world around them. A second is teaching students critical thinking, problem solving, data analysis and interpretation skills they can use in any career, and helping them make decisions that affect themselves, their families, and their communities.

Montana's science standards call for science learning in which students do not just memorize a set of science facts, but rather engage in figuring out how and why things happen. Core ideas are arranged so students can build their understanding over time and can see the connections between different ideas and across disciplines. To figure out these core ideas, while building the skills that will help them make sense of the world around them, students engage in the same practices that real scientists and engineers do. Throughout the school year students will develop and use models, analyze data, make evidence-based arguments, plan and conduct investigations, and design solutions for real-world problems.

### **Important Links**

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1. [Daily Agenda](#)
  2. [PowerSchool \(Grades\)](#)
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### Standards Based Grading Info

#### The Lingo!

**Standard:** Knowledge and/or skill the student will need to know and/or demonstrate

**Rubric/Scale:** detailed scoring guide

**Assessment:** test, quiz

Standards based grading is a way to assess students that concentrates more on what students know and less on work completion (compliance). Students will not be penalized for late assignments or missing assignments. It allows students to learn at their own pace and only complete the practice work they deem necessary. Standards based grading puts students in charge of their own learning. All homework, classwork, and some lab work will be practice. This work will be graded so students can see what they are doing correctly and/or incorrectly, but this practice does NOT affect their overall class grade. I will keep track of homework completion; however, it will not affect the student's overall grade.

#### Grading

The student's class grade will be determined by their assessment scores. I will use a 4-point rubric to assess each standard.

Rubric Score	What the Score Means
4	The student demonstrates knowledge and/or skill that is above and beyond the standard.
3	The student demonstrates knowledge and/or skill of the standard.
2	The student is close to demonstrating their knowledge and/or skill of a standard but is not quite there. They need some extra assistance from myself and/or a peer.
1	The student cannot demonstrate knowledge and/or skill of a standard. This student will need extra practice and assistance in meeting the standard. They need constant assistance from myself and/or a peer.

*If a student does not meet a standard or would simply like to improve their score, they may retake an assessment. The previous score is replaced if the student scores higher. Students may take multiple retakes if it is necessary. With standards-based grading the final product is what's important. If students demonstrate the knowledge, it doesn't matter if it took them one assessment or three. The table below translates the rubric score into a letter grade and gradebook score.*

Rubric Score	Letter Grade	What Goes in the Gradebook
4	A	9.5/10      95%
3	B	8.5/10      85%
2	C	7.5/10      75%
1	NY	5.9/10      This will default to 59%

Students will have ONE week from the day the assessment is returned to retake. To retake an assessment, students must have completed ALL homework assignments that correspond to the assessment AND any extra practice work I deem necessary. Students do not need to achieve a 3 or 4 on every standard to pass the class.

Note: The NY defaults to a 59% to remind students that they didn't learn this information which does have a negative impact on their grade. When students retake, this score will be exempted, and a new score will be placed in the gradebook.

### SYLLABUS ACKNOWLEDGEMENT

I acknowledge that I have read and understand the 6<sup>th</sup> Science Syllabus.

Parent/Guardian Name: \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_

Student Name: \_\_\_\_\_

Student Signature: \_\_\_\_\_