6th Science Syllabus

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Suggested 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, fast-paced, 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

Standards-Based Grading
This grading method will be used to assess what students know and can do as it relates to NGSS Standards. Students will receive a unit standards and graded assignments list in the beginning of each unit. This will act as a guide for students to track their learning and understanding. Each student will be graded on a scale of 1 – 4 assessing the ability to demonstrate proficiency of each standard. Students will be responsible for their unit standards sheet as it will be a communication tool home

Grading

Rubric Score	What the Score Means
4	Student demonstrates knowledge and/or skill above 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.

*Throughout the unit, students can retake assessments to show improved understanding of the stable below standard. The final product is what is important, whether it took them one or multiple attempts. The translates the rubric score into a letter grade and gradebook score.

Due to the nature of PowerSchool, we are unable to input 1 – 4's, into the system. Therefore, each number is converted into the grade below which will go into PowerSchool. Additionally, each student will also be responsible for communicating their standards-based unit report with home.

Rubric Score	Letter Grade	What Goes in the Gradebook
4	A	95%
3	B	85%
2	C	75%
1	NY	NY (Not Yet) This will default to 59%

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 [insert teacher name here] syllabus for the 2022-2023 school year.

Parent/Guardian Name:_ _____

Parent/Guardian Signature:_____

Student Name:_____

Student Signature:_____