

# Physical Science

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Welcome to a new school year! This year's science class will provide you with a foundation in the physical sciences. I am looking forward to working with you and your family.

Instruction and assessment will be planned around the Montana Science Content Standards. In chemistry students will study the structure of an atom, the periodic table and chemical changes. In physics we will study motion, forces and energy. Throughout the year we will emphasize problem solving using appropriate scientific processes and laboratory techniques. Technology will be incorporated into the lesson as needed.

## **Required daily materials:**

Spiral notebook, pencil, and/or pen.

## **Classroom rules and expectations:**

*Be Respectful* (treat all classmates, adults and equipment respectfully).

*Be Responsible* (have materials with you every day, follow directions, use time wisely, and be on time to class).

*Be Safe* (Follow laboratory safety rules).

## **Consequences:**

- Warning
- Problem solving
- Detention, removal from classroom and/or parental contact

## **Assessment:**

Standards Based Grading is utilized with all students being evaluated on *work ethic* and *knowledge/skills* within the following standards: Science and Engineering Practices, Matter and Its Interactions, Motion and Stability, Energy, and Literacy in Science.

**Work Ethic:** At KMS the "Work Ethic" grade earned in each class reflects how your child is doing overall and should be the focus of attention. Work ethic is a combination of student practice, work completion, understanding of concepts, and participation. Quality and timely work completion is a lifelong skill that is essential to success. When looking at grades, this is the best indicator of how your child is performing.

Grading Scale:

- |                        |   |
|------------------------|---|
| ⦿ 4 Advanced           | “Since I can do/get this, I can figure out new things.” |
| ⦿ 3 Proficient         | “I get it. I can do it well on my own.”                 |
| ⦿ 2 Nearing Proficient | “I almost get it but I need help.”                      |
| ⦿ 1 Novice             | “I don’t get it yet. I need help.”                      |
| ⦿ 0 No Evidence        | “I did not turn in or complete the assignment.”         |

**Late work:**

Students who have difficulty completing daily work shall discuss this with the teacher. If needed, parent contact will be made.

**Make up work for absences:**

Students will be required to make up work for all absences.

Please see my website to see what you have missed. <http://scienceowens.weebly.com/>