

## **COURSE SYLLABUS: 8th Grade, Science, Introduction to Physical Science**

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Google Classroom Code for this class: **qmp0qt**

School Year 2019-2020  
Monday-Friday  
Credit hours: 3 Trimester Credits

**COURSE DESCRIPTION:** During the year, we will be covering the following topics:

<b>1st Semester</b>	<b>2nd Semester</b>
<ul style="list-style-type: none"><li>● The Scientific Method and Using Models</li><li>● Properties and States of Matter</li><li>● Atomic Theory</li><li>● The Periodic Table</li><li>● Chemical Bonding</li><li>● Chemical Reactions</li></ul>	<ul style="list-style-type: none"><li>● Matter in Motion</li><li>● The Laws of Newtonian Physics</li><li>● Forces in Motion</li><li>● Energy and Energy Resources</li><li>● Thermal Energy</li></ul>

**PREREQUISITES/COREQUISITES:** No prerequisites required.

**OBJECTIVES:** As a result of this course, you will be able to:

- MS-PS1-1: Develop models to describe atomic composition of simple molecules and extended structures.
- MS-PS 1-2: Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.
- MS-PS 1-3: Gather and make sense of information to describe that synthetic materials come from natural resources and impact society.
- MS-PS 1-5: Develop and use a model to describe how the total number of atoms does not change in a chemical reaction and thus mass is conserved.

**INFORMATIONAL RESOURCES:**

Google classroom will be your go to place for handouts and resources from class.

**ATTENDANCE AND PUNCTUALITY:** If a student is absent please contact the office to let us know.

- Students who arrive at school after the first tardy bell should report to the main office to sign in.
- Students are allowed nine (9) absences per class period during the semester.
- Students who receive ten (10) absences in any class will lose credit unless cleared by the attendance office as extraordinary within five (5) days of the absence. Verbal communication must come from a parent/guardian within 48 hours of the absence to prevent truancy
- The following absences count against a student's total of nine (9) absences: In-School Suspension (I), Out of School Suspension (O), Truancy (R), Unverified (A), Verified (E), Unexcused (U)

**MAKE-UP WORK:** After an absence, it is the student's responsibility to communicate with the teacher for make-up work. They are to check with the teacher. Class assignments and objectives are also posted on the board each day for the week. They should also check Google Classroom (CODE: **qmp0qt**) for notes and assignments. Students will need to turn in work within a reasonable time in accordance with the teacher's late work policy.

**TARDIES:** Students are considered tardy if not in their assigned classrooms when the tardy bell rings. Tardies accrue on a semester basis. The tardy policy incorporates the following:

- First Tardy -- Teacher warns student
- Second Tardy -- Teacher warns student
- Third Tardy -- Student assigned to designated detention
- Fourth Tardy -- Student assigned after school detention.
- Additional Tardies - Saturday School (9:00am-12:00pm) \*\*

**COMMUNICATION:** If you have a question you can best reach me by email, phone, or a handwritten note delivered by your child. I often forget to look in my email in Google Classroom or Skyward so they are not a great ways to contact me. I will make every effort to answer emails within 24 hours.

Skyward is where you will find the grades for students. (\*Note: You can set Skyward up to email you progress reports and missing assignments so you don't have to go into Skyward to find out how you are doing.)

The best way to keep up with your child's progress is to set up a Skyward account. I will try to have all grades updated and in the gradebook no later than midnight on Sundays. I will also meet with students one-on-one, on a regular basis to discuss how they are doing in class.

**CELL PHONES, COMPUTERS, AND OTHER ELECTRONIC DEVICES:**

- Students should not have their cellphones out in class unless I have given them permission to use them for a class assignment.
- Students may not answer phone calls or texts during class.
- Students in violation of classroom rules will be asked to take their phone or device directly to the office for a parent to pick up. Phones will not be returned to students. Additionally, any action by student that is deemed in violation of Idaho Code may be resolved through law enforcement separate from MSD.

**FOOD AND DRINK:** I do not allow food, drink, or gum in class unless I give specific permission. Eating and drinking in class can be messy and very disruptive. **I do** allow drinks in class if it is clear water and it is in a clear, resealable container. Once anything becomes disruptive it must be disposed of.

**COURSE PACING GUIDE:**

- **Weeks 1-4:** Review of the scientific methods and models, and states and properties of matter
- **Weeks 5-9:** Atomic theory, and the periodic table
- **Weeks 10-17:** Chemical bonding and chemical reactions
- **Weeks 18-22:** Matter in Motion
- **Weeks 23-37:** Forces in Motion
- **Weeks 28- 34:** Newtonian Physics
- **Weeks 35-40:** Energy and Energy Resources

**GRADING:**

- Grades are a combination of daily assignments, projects, tests.
- **It is always a good idea to keep track of student grades on Skyward. You can see how your child is progressing. Nobody likes unpleasant surprises.**
- If you have any questions or concerns about grading please contact me through email or have your child talk to me.
- Students should work on getting good grades right from the beginning of the grading period.
- **Extra credit – I don't provide extra credit opportunities.** Students will excel without it if they stay on top of things!
- **Homework –** As a rule I like to have students complete work in class so there will not be a lot of homework.

- **8<sup>th</sup> Grade Science Late Work Policy:** All work is expected to be completed and turned in on time. Late work completed and turned in before the end of the unit will be accepted but will be reduced 20%. Work that is not turned in will receive a 0.
- **25% of the grade is daily work, 25% Labs and Projects, 35% Tests, and 15% from quizzes.**  
**These will be converted to letter grades as follows:**

**90-100% = A    80-89% = B    70 -79% = C    60-69% = D    < 59% = F**

**ASSIGNMENT SUBMISSION:** Some assignments will be turned in via hard copy in the turn in box and some assignments will be submitted electronically.

**LATE WORK:** Students are allowed to turn in late work before the end of the unit. If the assignment is not turned in during that allowed time period, the student will receive a zero (0) on the assignment.

**RESUBMISSIONS:** I allow students to redo assignments for a better grade. I also allow students to redo tests. To redo a test students must have a signed note from home saying they studied and schedule a time with me to retake the test. I do not allow retakes on open note tests or projects.

**PLAGIARISM/ACADEMIC OFFENSES:** If a student is caught plagiarizing or cheating they will be required to do the assignment again from the beginning and parents will be notified. It will also be documented. If it happens again, the parents will be notified and the matter will be turned over to administration.

**FINAL NOTE:** If you have any questions or concerns, please contact me as soon as possible. Most problems can be resolved quickly and easily.



Sign, detach, and return.

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Parent Signature \_\_\_\_\_ Date \_\_\_\_\_