

7th Grade Physical Science

Expectations and Syllabus



Physical Science contains two areas of study, chemistry, and physics. Active student involvement with the materials and activities is an intrinsic part of student success.

Contact info:

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Content Standards/Curriculum:

- Course subject to change due to Covid-19
- https://www.michigan.gov/documents/mde/K-12_Science_Performance_Expectations_v5_496901_7.pdf (Physical science standards only)

Topics covered:

*Scientific skills and process will be taught in every single unit during the year

Metric Measurement	States of Matter	Chemical Reactions
Force and Motion	Energy	Electricity
Magnetism	Waves	Thermal Energy

Student Responsibilities:

Be on time: The bell indicates that class has started; not a signal to start walking to class.

Be prepared: Come to class with all appropriate materials and assignments

Take ownership of your learning: Ask questions when you are confused, find what you missed when you are absent from class, create goals for yourself and evaluate your progress, take academic risks, know the best strategies and methods that will help you learn.

Treat everyone with respect: Treat everyone with respect. It is important that everyone has an environment conducive for learning.

Follow all rules and procedures: In order to have a safe and organized classroom, it is important that you are always aware of the classroom procedures and follow lab safety rules

Parent Responsibilities:

- Check Planners frequently
- Check student progress on Infinite Campus
- Communicate with Mr. Wintersteen if you have *any* questions or concerns regarding your child's learning and progress in science class.
- Review with your child the lab safety contract and this syllabus. Sign and return it.
- Encourage your child to seek help when needed.

Needed Supplies:

- 1.5-inch binder
- 5 divider tabs
- Notebook (at least 70 pgs)
- Pencils
- Calculator (use the same one for math)
- School issued Chromebook

Grading Weights:	Classwork/labs	60%
	Tests, Quizzes, and Projects	30%
	Participation	10%

Participation: Each day students will receive five points. Students who follow the rules, do what they need during the class period will keep those five points. Students off task, causing disruptions will begin losing those points. Once a student has lost all five points for the day, a discipline referral will be completed. At the end of the week, points will be totaled and appear on IC as a grade. Students that have a grade that is 60%-69% and are playing sports will receive a warning for behavior on the weekly eligibility report. Students that have a grade of 59% or lower will receive unacceptable on the weekly eligibility report.

Learning Target Assessments: An LTA is designed to see student's mastery of certain science concepts. Some weeks the LTA will be a quiz, some it will be a worksheet, and some it will be a lab. If the LTA is a quiz and students are unhappy with their grade, they will have the opportunity to retake a different version of the quiz over the same concepts. Whatever students score on the retake, their grade will be changed to that grade. Students can retake a quiz once a day (before or after school) until the deadline established in class

If the LTA is a lab or worksheet, students can fix their mistakes until they are satisfied with their grade.

At the end of each unit, there will usually be a test. The tests vary from only multiple choice, multiple choice and essay, and various other types. Students scoring 89% or lower will be required to complete test corrections. Students correctly completing the corrections, will earn up to ten points that will count as a separate test grade.

Late Work Policy: You are expected to meet due dates for assignments. To be considered on time, the assignment must be turned in on the due date during class. Students may turn in assignments by 3:15 PM on the due date, but will receive 20% off. After 3:15 PM, no assignments will be accepted and students will receive a zero.