

# Physical Science Syllabus

## Physical Science Teachers

<b>Michael Neufeld</b> Room 238 <a href="mailto:michael.neufeld@mpls.k12.mn.us">michael.neufeld@mpls.k12.mn.us</a> 612-547-6482 (calls/texts) <a href="#">Mr. Neufeld's website</a>	<b>Joshua Cattledge</b> Rooms 238 & 361 <a href="mailto:joshua.cattledge@mpls.k12.mn.us">joshua.cattledge@mpls.k12.mn.us</a> 612-888-2510 (calls/texts) <a href="#">Mr. J's website</a>
<b>Ana Vásquez</b> Room 241 <a href="mailto:ana.vasquez@mpls.k12.mn.us">ana.vasquez@mpls.k12.mn.us</a> <a href="#">Profe Vásquez's website</a> <i>Profe Vásquez teaches <b>ciencia física</b> for the <a href="#">RHS DLP</a></i>	<b>Matt Abbott</b> Room 285 <a href="mailto:matthew.abbott@mpls.k12.mn.us">matthew.abbott@mpls.k12.mn.us</a> 612-615-9750 (calls/texts) <a href="#">Abbott's website</a>
<b>Shannon Nordby</b> Room 251 <a href="mailto:shannon.nordby@mpls.k12.mn.us">shannon.nordby@mpls.k12.mn.us</a> 612-668-7950 voicemail <a href="#">Nordby's website</a>	

### What is land recognition?

*Minnesota* is derived from the Dakota *Mni Sota Makoce*, Land Where the Waters Reflect the Clouds—and Dakota people's roots here remain strong.<sup>1</sup> Indigenous knowledge & practices predate colonial settlement by thousands of years, including advancements in agriculture, engineering, astronomy, fluid dynamics, and other sciences. Colonial practices have erased and disparaged much of this knowledge. Recognizing that Roosevelt is occupying this land is a first step towards repairing some of the damage experienced by Native communities.

<sup>1</sup> [Minnesota Historical Society](#)

### What is science?



Is my phone charger broken? Or does this outlet just not work? We can use **science** to answer this! Science is curiosity about the world and how it behaves. Science uses **observations** and **experiments** to answer our questions about the physical world.

### What are we going to learn?

First Semester		Second Semester	
Quarter 1	Quarter 2	Quarter 3	Quarter 4
Unit 1: Measuring Motion & Forces	Unit 2: Energy & Electricity	Unit 3: Atomic Structure	Unit 4: Chemical Reactions

### What are the expectations?

*In order for all students to meet the expectation of success in all classes and to create an enjoyable, positive, friendly and fun learning environment, we will:*

- Be Here**
- Be Engaged**
- Be Supportive**
- Be Safe**

### What supplies will we need?

We will be responsible for have these things with us every day:

- A one-inch three-ring binder
- Your Chromebook, tablet, or personal laptop (NOT a phone)
- Pens or pencils

### What is the behavior policy?

We want students to fix mistakes they make and repair any hurt or damage that they cause. Therefore, we try to correct damaging behaviors over just punishing students. We might also collaborate with school counselors, social workers, and deans regarding these matters.

### Is attendance important?

Every year we observe a clear pattern. Students who miss fewer days are more likely to be successful. Coming to class on time each day is the BEST way to help your learning.

We also understand that sometimes missing class is unavoidable, like when you get sick. If you miss class, talk to your teacher on your first day back to make a plan for making up what you missed. We are here to help you!

### How can I check my grades?

Students can view their grade information via the Student Portal at [sisportal.mpls.k12.mn.us](http://sisportal.mpls.k12.mn.us). Family members can also view this information by signing up for [Parent Portal](#).

### What are teachers' office hours?

Office hours are a chance outside of class time to ask questions 1-on-1 with your teacher. Office hours may happen during advisory or after school. We will post our official office hours in our Google Classrooms.

### Are there accommodations?

Yes! Lessons are scaffold and differentiated. Self advocacy is an important skill to practice, so if you need accommodations, ask your teacher! All teachers will follow any 504s or IEPs in place.

**Can I use my phone?**

NO

We've noticed another pattern; students tend to do better in class when their phones are away. We want all students to be both physically and mentally present during all of class. Phones are NOT allowed out during class.

-We will give one verbal reminder about keeping a phone put away

-If the student continues to use their phone inappropriately, we will hold the phone for the rest of the period

-If phone use problems continue, we will have a conversation involving parents, deans, and the classroom teacher to find a solution that helps the student stay engaged and present in class.

**When does class meet?**

Monday	Tuesday	Wednesday	Thursday	Friday
<i>All hours</i>	<i>All hours</i>	<i>Odd hours</i>	<i>Even hours</i>	<i>All hours</i>
<b>1<sup>st</sup> hour</b> 8:10-9:00	<b>1<sup>st</sup> hour</b> 8:10-9:00	<b>1<sup>st</sup> hour</b> 8:10-9:40	<b>2<sup>nd</sup> hour</b> 8:10-9:40	<b>1<sup>st</sup> hour</b> 8:10-9:00
<b>2<sup>nd</sup> hour</b> 9:05-9:55	<b>2<sup>nd</sup> hour</b> 9:05-9:55			<b>2<sup>nd</sup> hour</b> 9:05-9:55
<b>3<sup>rd</sup> hour</b> 10:00-10:50	<b>3<sup>rd</sup> hour</b> 10:00-10:50	<b>3<sup>rd</sup> hour</b> 9:45-11:15	<b>Advisory</b> 9:45-11:15	<b>3<sup>rd</sup> hour</b> 10:00-10:50
<b>4<sup>th</sup> hour + lunch</b> 10:55-12:15 <i>check w/ 4<sup>th</sup> hour for lunch times</i>	<b>4<sup>th</sup> hour + lunch</b> 10:55-12:15 <i>check w/ 4<sup>th</sup> hour for lunch times</i>			<b>4<sup>th</sup> hour + lunch</b> 10:55-12:15 <i>check w/ 4<sup>th</sup> hour for lunch times</i>
<b>5<sup>th</sup> hour</b> 12:20-1:10	<b>5<sup>th</sup> hour</b> 12:20-1:10	<b>5<sup>th</sup> hour + lunch</b> 11:20-1:25 <i>check w/ 5<sup>th</sup> hour for lunch times</i>	<b>4<sup>th</sup> hour + lunch</b> 11:20-1:25 <i>check w/ 4<sup>th</sup> hour for lunch times</i>	<b>5<sup>th</sup> hour</b> 12:20-1:10
<b>6<sup>th</sup> hour</b> 1:15-2:05	<b>6<sup>th</sup> hour</b> 1:15-2:05	<b>7<sup>th</sup> hour</b> 1:30-3:00	<b>6<sup>th</sup> hour</b> 1:30-3:00	<b>6<sup>th</sup> hour</b> 1:15-2:05
<b>7<sup>th</sup> hour</b> 2:05-3:00	<b>7<sup>th</sup> hour</b> 2:05-3:00			<b>7<sup>th</sup> hour</b> 2:05-3:00

*Short weeks (e.g., the first week of school) will use an alternate schedule*

**What if I'm absent?**

Email your teacher(s) and ask what you missed! You will be able to find copies of the assignments on the Google Classroom. Teachers will also be making efforts to post videos explaining what you missed, but they may not be available right away.

If you miss a formative assignment, you can be made up but must be done by mid-quarter or within two (2) weeks of the original due date.

**How are labs, research investigations, and quizzes graded in Physical Science?**

Most labs and quizzes will be based around a Learning Target, and graded on a scale of 0 – 8:

Expert !!!	Proficient!!		Adequate!		Developing		Insufficient	
8	7	6	5	4	3	2	1	0
Passing							Not Passing	

**How is practice work graded in Physical Science?**

Most practice work will be based around a Learning Target, graded on a scale of 0 – 2:

Proficiency!!!	Progress!	Insufficient
2	1	0
Passing		Not Passing

**How do our overall class grades work in Physical Science?**

Grades are based on a percentage of total points earned. Our scale is used as follows:

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	NC
87%	75%	71%	66%	63%	59%	54%	50%	44%	31%	25%	<25%

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Science work fall into 2 categories, each worth a percentage of the grade:

**How much are assignments worth in Physical Science?**

<b>80% Summative assessments</b> <i>(lab reports, lab projects, creative projects, quizzes, etc.)</i>	<b>20% Formative work</b> <i>(understanding checks, practice work)</i>
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**You must attempt and pass all of the summative assessments in order to pass each quarter.**

“Academic Dishonesty” basically means cheating. This includes, but is not limited to:

- cheating on assignments or tests, or helping others cheat
- copying another student’s work, or letting another student copy your work
- plagiarizing (misrepresenting as one’s own anything done by another, e.g., copying off the internet)
- submitting the same or substantially similar papers or creative work for more than one course without consent of all instructors concerned.
- sabotaging another’s work or colluding to support malpractice by another student
- To avoid plagiarism, words and ideas used to support one’s argument **MUST** be acknowledged in all journals, papers and presentations.

**How does Academic Dishonesty work?**

**Engaging in academic dishonesty means that the assignment will be marked as missing and must redone to earn credit.** Points may be penalized. Formative assignments may receive 0 pts.