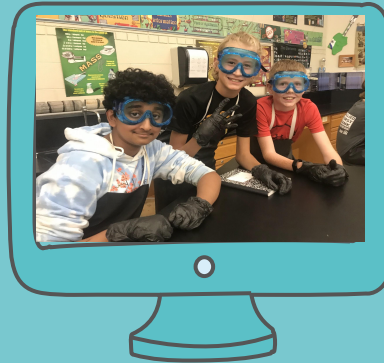
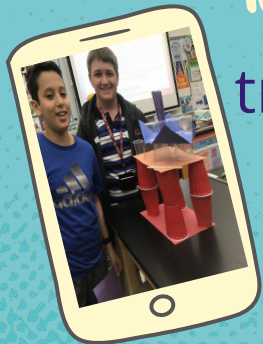


7th Honors Science

Ms. Truemper's Contact Info

Instagram

truscienceclass



Email

atruemper@sd308.org

Twitter

Truscience class

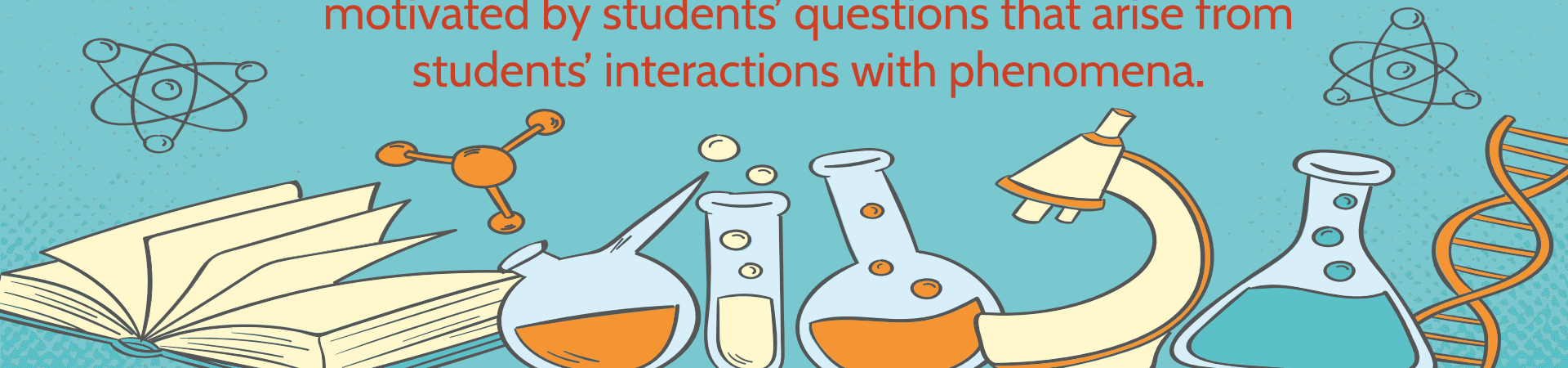


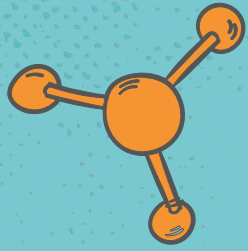
Ms. Truemper's Science Class

My goal is to get the scientists in this classroom excited and curious about the world around them and confident in their abilities to figure out problems through questioning, investigating, and solving problems.

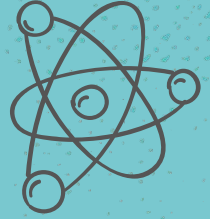
OpenSciEd Online Curriculum

The OpenSciEd Instructional Model uses a storyline approach— a logical sequence of lessons that are motivated by students' questions that arise from students' interactions with phenomena.





7th Grade units of Study



1

Chemical Reactions
& Matter

2

Chemical Reactions &
Energy

3

Metabolic
Reactions

4

Matter Cycling &
Photosynthesis

5

Ecosystem
Dynamics

6

Earth's Resources &
Human Impact

Honors Science

The core curriculum is the same as the regular grade level science course, but is expanded upon and enriched. Strong emphasis is placed upon inquiry and problem solving.



SCIENTIFIC EXPLANATIONS

CLAIM

Statement about the results of an investigation

- A one-sentence answer to the question you investigated.
- It answers, **what can you conclude?**
- It should not start with **yes** or **no**.
- It should describe the relationship between **dependent** and **independent** variables.

EVIDENCE

Scientific data used to support the claim

Evidence must be:

- **Sufficient** — Use enough evidence to support the claim.
- **Appropriate** — Use data that support your claim. Leave out information that doesn't support the claim.
- **Qualitative** — (Using the senses), or **Quantitative** (numerical), or a combination of both.

REASONING

Ties together the claim and the evidence

- Shows **how** or **why** the data count as evidence to support the claim.
- Provides the justification for why **this** evidence is important to **this** claim.
- Includes one or more **scientific principles** that are important to the claim and evidence.

7th Honors Science - Week at a Glance

Ms. Truemper's Class Links & Resources: *Click on links below for additional resources*



Student Support Time



[SD 308 2022-23 Calendar](#)

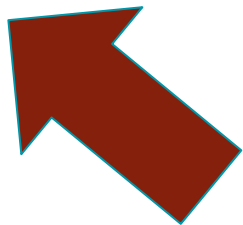


[Bednarcik JH Bell Schedules](#)

Before school on Tuesdays or 7th hour lunch

August	Week #1: <u>8/18 - 8/20</u>	Week #2: <u>8/23 - 8/27</u>	Week #3: <u>8/30 - 9/3</u>	SEMESTER 1 WAGs	
September	Week #4: <u>9/8 - 9/10</u>	Week #5: <u>9/13 - 9/ 17</u>	Week #6: <u>9/20 - 9/24</u>	Week #7: <u>9/27 - 10/1</u>	Directions: Click on the underlined date link to take you to the correct week of the appropriate month. Click on <u>Class Name</u> to return to this main page.
October	Week #8: <u>10/4 - 10/8</u>	Week #9: <u>10/11 - 10/15</u>	Week #10: <u>10/18 - 10/22</u>	Week #11: <u>10/25 - 10/29</u>	
November	Week #12: <u>11/1 - 11/5</u>	Week #13: <u>11/8 - 11/12</u>	Week #14: <u>11/15 - 11/19</u>	Week #15: <u>11/22 - 11/23</u>	
December	Week #16: <u>11/29 - 12/3</u>	Week #17: <u>12/6 - 12/10</u>	Week #18: <u>12/13 - 12/17</u>	Week #19: <u>12/20 - 12/22</u>	
					WINTER BREAK: 12/23 - 1/8

- Meet the Teacher
- 7th Grade Honors Science
- 8th Grade Honors Science
- 8th Grade Science
- The Environmentalists
- FLL Robotics Team
- Middle School Science Bowl Team
- Science Olympiad
- Yearbook Club
- Cross Country



Check out the
science clubs!

7TH GRADE HONORS SCIENCE

Honors Science is a class designed for the student who has shown exceptional interest and motivation in science. The core curriculum is the same as the regular grade level science course, but is expanded upon and enriched. Strong emphasis is placed upon inquiry and problem solving.

Contact Information

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phone: 630.636.2562



Topics of Study:

Chemical Reactions & Matter
Chemical Reactions & Energy
Metabolic Reactions
Matter Cycling & Photosynthesis
Ecosystem Dynamics
Earth's Resources and Human Impact
Experimental Design

CLASS DOCUMENTS



CLASS CODE OF CONDUCT



SAFETY CONTRACT



GRAPHIC ORGANIZER: DESIGNING AN

Study Sessions

Students who want to review concepts or go over assignments to improve skills should attend study sessions.

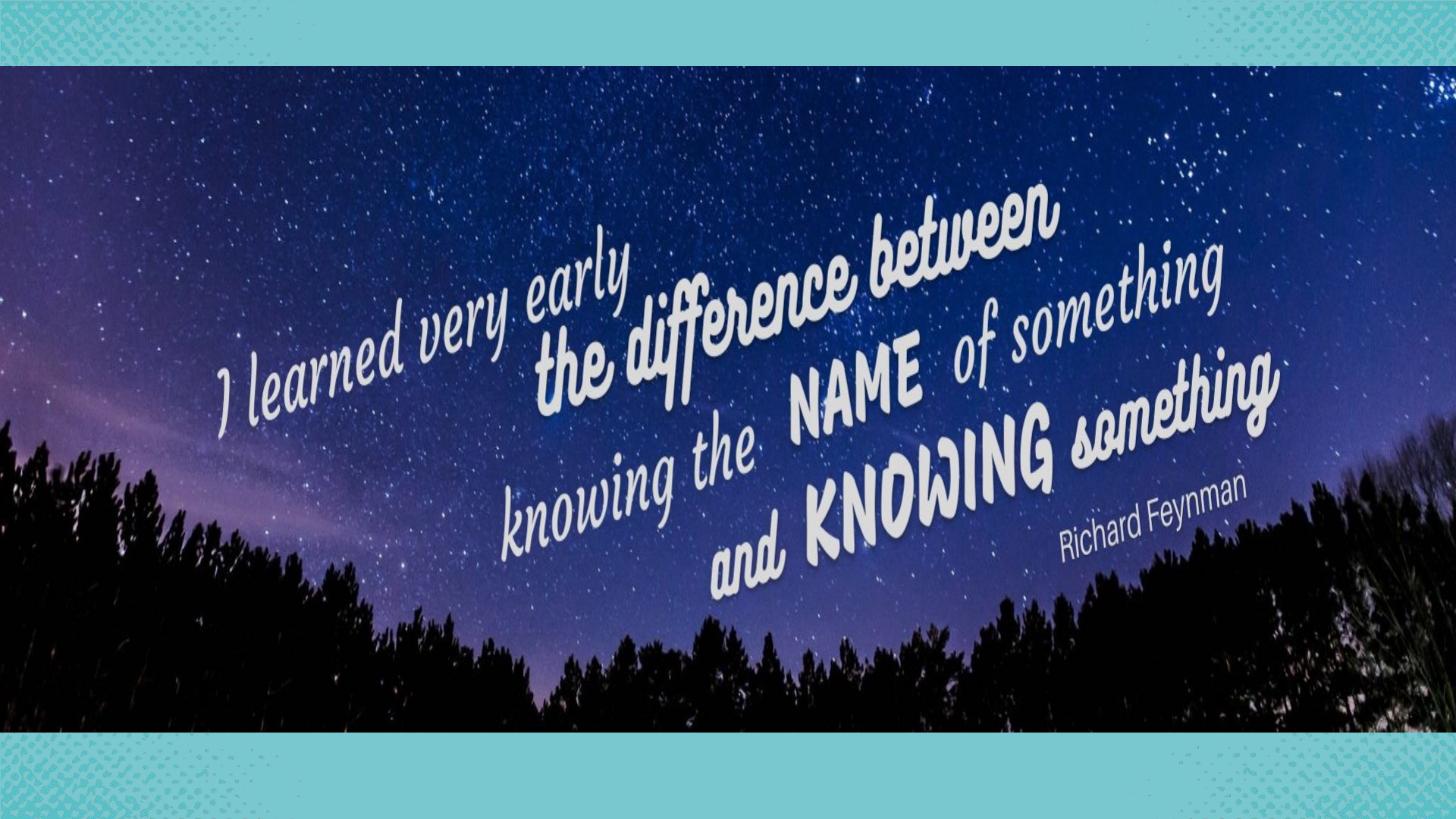
Students can come to the science room for help before school on Tuesdays starting at 7:30 am.

Supply List

-composition notebook
-graph paper
-notebook paper
-general calculator
-black pens
-pencils
-colored pencils
-ruler

CLASS LINKS LIBRARY

- Subject Resources
- How to Create a Graph
- Proportional Relationships
- Science Fair



I learned very early
the difference between
knowing the **NAME** of something
and **KNOWING** something

Richard Feynman