

# 8th Honors Science

Ms. Truemper's Contact Info

Instagram

truscienceclass



Email

atruemper@sd308.org

Twitter

Truscience class



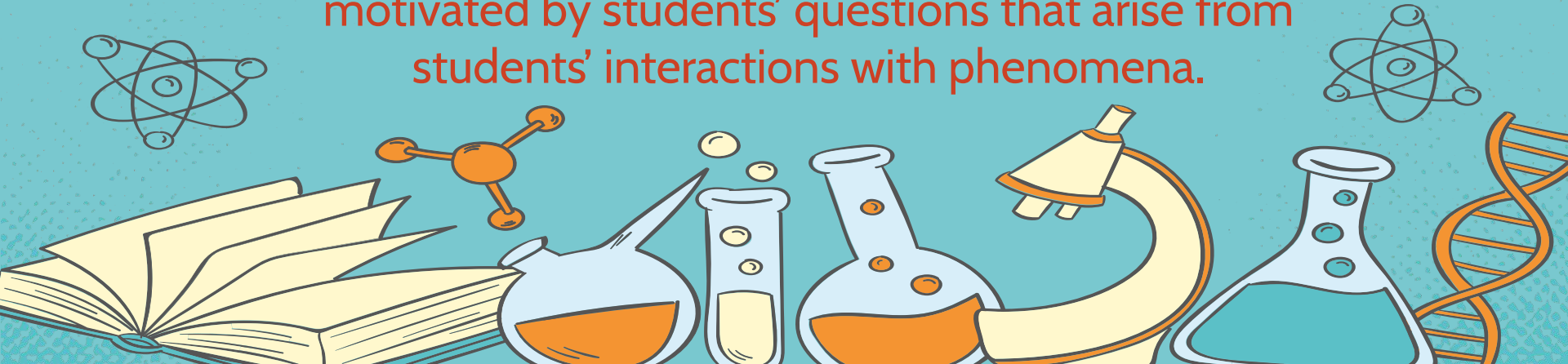
# Ms. Truemper's Science Class

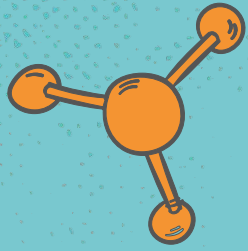
My goal is to get the scientists in this classroom excited and curious about the world around them and confident in their abilities to figure out problems through questioning, investigating, and solving problems.

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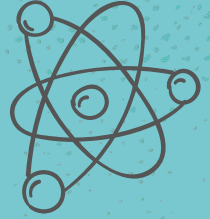
## OpenSciEd Online Curriculum

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.





# 8th Grade Units of Study



1

Contact Forces &  
Collisions

2

Sound waves &  
Applications

3

Forces at a  
Distance

4

Earth in Space

5

Genetics &  
Common Ancestry

6

Earth's Resources &  
Human Impact

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# 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.**

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# 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.

# 8th 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 Fridays or 7th hour lunch

August	Week #1: <u>8/18 - 8/20</u>	Week #2: <u>8/23 - 8/27</u>	Week #3: <u>slide 4</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>	<b>Directions:</b> 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>	
					<b>WINTER BREAK: 12/23 - 1/8</b>



› Meet the Teacher

› 7th Grade Honors Science

› 8th Grade Honors Science

› 8th Grade Science

› The Environmentalists

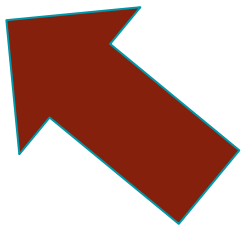
› FLL Robotics Team

› Middle School Science Bowl Team

› Science Olympiad

› Yearbook Club

› Cross Country



Check out the  
science clubs!

## 8TH 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:

Contact Forces and the Laws of Motion

Sound Waves

Forces at a Distance: Magnetism & Electricity

Periodic Table Patterns and Chemical Reactions

Heredity

Astronomy

### 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

### CLASS DOCUMENTS



#### CLASS CODE OF CONDUCT



#### SAFETY CONTRACT



#### GRAPHIC ORGANIZER: DESIGNING AN EXPERIMENT

Register Now

# Oswego 308 8th Grade Students' Florida Splash into Science



For more info, see this week's Bulldog Blast or contact Mr. Paradise at [rparadise@sd308.org](mailto:rparadise@sd308.org)

Hi, this is Randy Paradise, and I'm excited to announce that I will be leading a group of 8th Grade Oswego 308 students on a WorldStrides program to Florida. On this once-in-a-lifetime adventure, students will explore diverse ecosystems, come face-to-face with amazing wildlife, and experience incomparable learning moments. This will be a trip that your child will be talking about for years to come! See below for important information about our trip and email me at [rparadise@sd308.org](mailto:rparadise@sd308.org) if you have questions!

## Dates

03/27/2023 to 03/31/2023

## Inclusions

- 5 Days and 4 Nights

## Trip Information Meeting

Thursday, September 8 at 6:30 in the Traugher Multi Purpose Room.





**SOMEWHERE  
SOMETHING** **INCREDIBLE**  
is waiting  
to be **KNOWN**

Carl Sagan