

Open Team Meeting Fall 2024

Team 7 Red

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Caroline Davis
Lorien Hallama
Caitlin Quinn

Math
Social Studies
Language Arts
Science

Mark Your Calendar



End of 1st Marking Period: **November 1st**

No School for Students: **November 5th**



Report Cards in P.S.: **November 8th**

Early Dismissal at 1pm: **November 27th**



Extra Help with Core Teachers:

- Core teachers are available each morning
 - 8:00 AM to 8:30 AM
 - Cannot get to school early? Students can talk to us about meeting at an alternate time
- Come with a goal in mind or an idea of what topic or assignment they would like to work on during the session
 - Having a plan makes the most of the extra help time
 - We are often working with multiple students during this time
- Do not need to make an appointment for morning extra help, however it is often helpful if we know in advance to expect them.
 - Sending an email letting us know they plan to attend extra help the next morning is appreciated!
 - Can I come for extra help? YES!

While You Were Out:

- Health is Priority #1! Due dates on assignments will be extended according to the length of the absence
- Process of making up missing work:
 - Schoology/Google Classroom is the first stop
 - Go into each class on Schoology/Google Classroom (open all attachments)
 - Schoology might direct students to Google Classroom for additional information on assignments
 - All core teachers post materials on Schoology and/or Google Classroom (handouts, notes, assignment descriptions, etc.)
- Plan to attend extra help upon their return to school
 - Get clarification on missed work
 - Make up assessments

Caitlin Quinn

7th Grade Science
Room 254



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What we have been working on...

❖ **Waves**

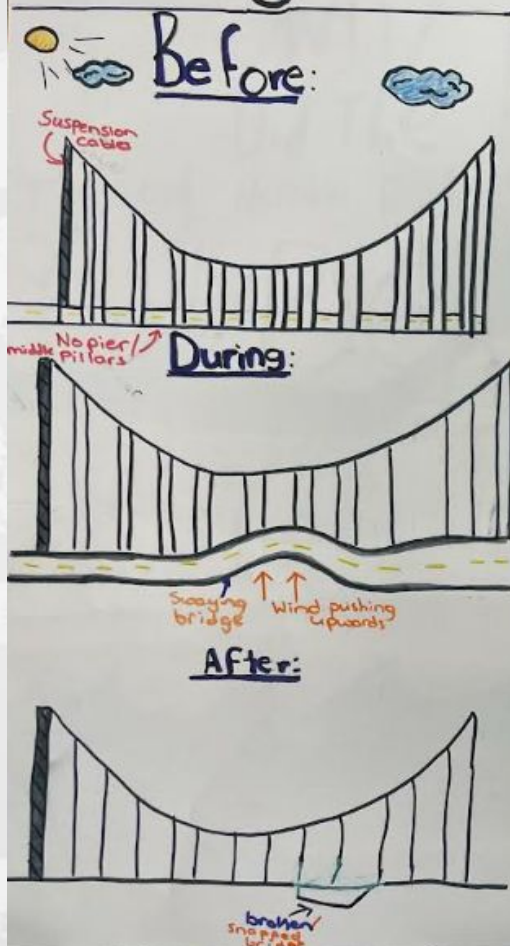
- Interpreting graphs & analyzing components of a wave
- Applying knowledge to real life situations
 - Pitch and Volume
 - Resonance (Breaking a glass, Tacoma Narrows Bridge)
- Comparing the pros and cons of analog and digital signals
 - 2009 digital television transition in the U.S.

How strong was the
wind that day?

How Did The Tacoma Narrows Bridge Collapse?

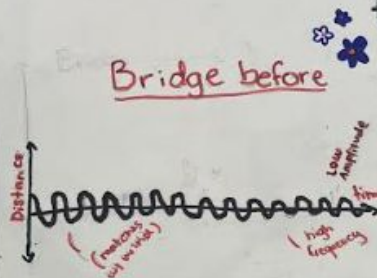


Why Did the Tacoma Narrows Bridge Collapse?



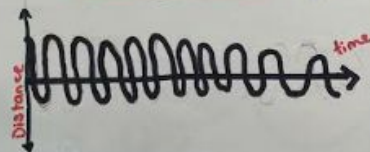
Graphs

Bridge before



the Tacoma narrows bridge collapsed due to the weather / wind having the same natural frequency as the bridge but the wind was in high amplitude, causing the bridge to achieve resonance.

Bridge after



For example when you have a wine glass and you flick it to find its natural frequency. If you sing a note with the same frequency the glass will shatter / break, the same as how the wind was the same frequency of the bridge!

The wind picks up the bridge's amplitude as it already has the same frequency which causes the bridge to achieve resonance which could've caused damage.

What we will be working on...

❖ Light Waves

- Overarching phenomenon: **How does a one-way mirror work?**
- Developing models to express our thinking, interacting with scale models to test ideas
- Investigating the behaviors of light in different conditions and interacting with different materials, for example a window or a mirror



Skills

- ❖ **CER: Claim, Evidence, Reasoning**

- How can you use evidence, proof, data to support your claim?

- ❖ **Experimental Design**

- Identifying variables & designing scientific experiments

- ❖ **Graphing**

Throughout the Year

❖ **Science Binders**

- Daily entries are posted on Google Classroom and Schoology for students to reference if they are absent or need a digital copy!

❖ **Extra help**

- Every morning at 8am

❖ **Email**

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Seventh Grade Language Arts
Lorien Hallama

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Sorry to miss you all!

We've been very busy in LA so far.

- We are set to **finish our Author Study** unit on craft on November 11th (that day will also be their final assessment).
- They've been doing a great job practicing writing in **CEEC format**, which is the paragraph structure we use in 7th grade.
- They've been diligently **finding evidence in their books** (you've hopefully seen them reading and annotating at home!)
- Next up is my FAVORITE unit: **Creative writing**. So instead of them studying craft in other authors' works, they will be writing their own stories.

Grade 7 Language Arts

September - November

Author Studies
Readers' Workshop



November - December

Realistic Fiction
Writers' Workshop

Author Study Book Clubs (late Sept - early Nov)

- Sample short texts by a number of different authors while exploring perspective
- Form books clubs in which each member reads at least two books by the same author



Author Study Book Clubs

(late Sept - early Nov)

While reading first book...

- Learn 5 strategies on how to identify craft moves
- Track craft moves with sticky notes
- Conference
- Write long

While reading second book...

- Identify the PURPOSE of these craft moves: why does the author include them? What goals do they achieve?
- Track with sticky notes
- Conference
- Write long

Writing Fiction Workshop

Developing Meaningful
Stories and Characters

- Idea generation
- Character development
- Story arcs

Drafting and Revising with
an Eye Toward Meaning

- Planning and writing scenes
- Adding details
- Writing leads, dialogue, and endings
- Using mentor texts

Revisions and Edits
with Audience in Mind

- Reading like an editor
- Weaving in symbolism and imagery
- Purposeful choices of syntax
- Editing on the sentence and word level

Throughout the year...

- Vocabulary
 - Focus on context and usage
 - Study Greek and Latin roots that words share
- Sentence Patterns
 - Build a toolbox of sentence structures that encourage variety, fluency, and complexity
 - Reinforce grammatical concepts through usage
 - Purposefully write grammatically-correct sentences
- Independent Reading
 - **Please encourage your child to read for at least 30 minutes per night**, especially when there is no other LA homework

Caroline Davis

7th Grade Social Studies

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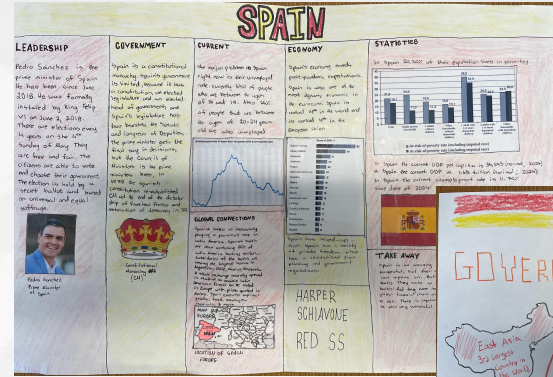
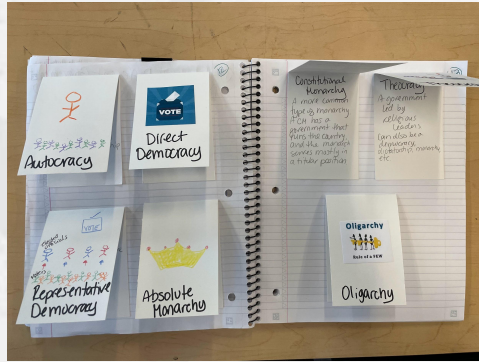
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We have been working on:

- Basic forms of government and economic systems
- Evaluating the different government systems and how they shape people's lives
- Evaluating economic systems and how they affect the well-being of society
- Research based assignments exploring government and economy of a foreign country

What Did We Create?



During this unit, we created MANY notebook spreads, booklets about indigenous governments, little books about the economy of a country of choice, and a poster comparing the economy and government of their country.

We are currently working on:

- ➡ Patterns of migration
- ➡ How and why populations have changed in the Americas
- ➡ Impact that migration has on countries and the implications that population changes have on economic systems, government systems, culture, and the identity of individuals
- ➡ Push and pull factors, voluntary vs. involuntary
- ➡ Students will create a website and news show.

We will be working on:



National History Day (Jan-Feb)



Throughout the Year...



Utilizing Resources

Schoology & Google Classroom



Interactive Notebooks

These must be kept up to date! Tasks/pages are a combination of printed sheets to complete and attach, plus written tasks.



Be Proactive

Check PowerSchool regularly

Email me! cdavis@westportps.org

Nikki Pugliese






7th Grade Mathematics

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Math 7 & Math 7/8 have been working on:

-  Identifying proportional relationships in graphs and tables
-  Identifying constant of proportionality in graphs, tables, and equation
-  Solving real-world problems involving proportional relationships
-  Applications of percent of change (tax, tip, markup, and discount)
-  Problem solving with commissions, fees, and simple interest (Math 7/8 only)

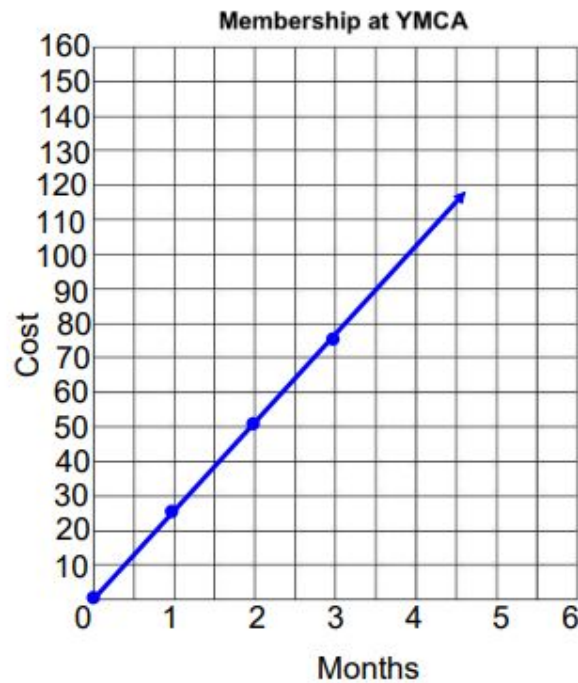
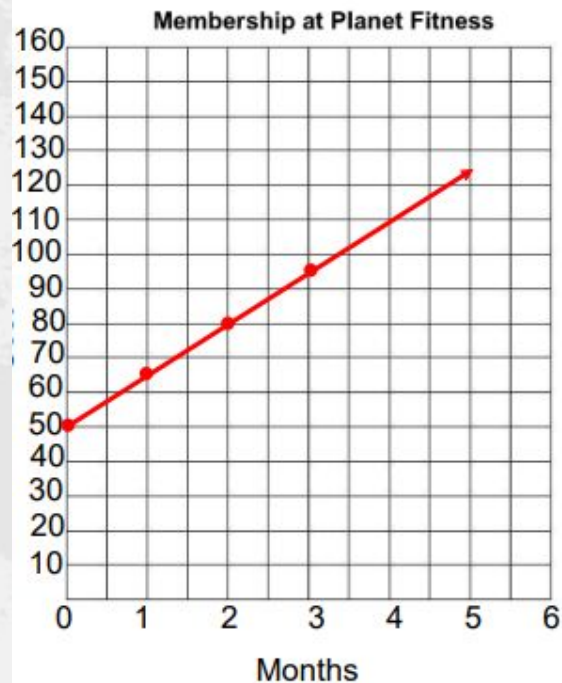
Camille wants to join a gym. She is trying to decide between Planet Fitness and the YMCA. She has created a chart comparing the number of months and the cost of membership at each gym.

Planet Fitness

Months (x)	0	1	2	3
Cost (y)	50	65	80	95

YMCA

Months (x)	0	1	2	3
Cost (y)	0	25	50	75



- Linear vs Proportional
- Compare & Contrast
- Make connections between table, graph & equation

Math 7 & Math 7/8 will be working on:



Statistics - measures of center vs spread, determining which statistical calculation best represents the data set

- Math 7/8 will also focus on outliers and comparing data sets
- End of unit mini-project - students will analyze a data set of their choosing



Rational Number Operations Unit

- Developing algorithms for adding, subtracting, multiplying, and dividing integers
- Extending our algorithms to operations with rational numbers

Algebra has been working on:

- Foundation Concepts skills review (simplifying expressions, solving equations & inequalities)
- Solving compound inequalities & special cases
- Applications of algebraic equations & inequalities
- Arithmetic & Geometric sequences (recursive & explicit rules)
- Applications of Arithmetic & Geometric sequences

Algebra will be working on:



Introduction to Functions

Relations vs Functions

Domain & Range

Function Notation & Applications



Linear Functions

Slope & rate of change

Graphing Linear Functions

Forms of Lines & Relationships Between Lines

Applications of Linear Functions