Digitizing My Classroom

https://todaysmeet.com/EdinaLI

Dean Dahl
@dahlhouse500 ~ 3Dteach.net ~ dean.dahl@gmail.com

& Meghan Haselbauer
@megsbauer ~ megbauer@gmail.com

Edina Public Schools
Classroom of the Future … 1990
Today’s Classroom
Tech Buddies

Meghan Haselbauer
Digital Learning Specialist

Dean Dahl
6th Grade Science
Middle School Skills
How this will work

EFFECTIVE & EFFICIENT

Tools

Time

Multi - Purpose
Sites

Resources

Sharing Sites

Audience

Small Skills

Eco System

Content First
Today in DahlScience
FRIDAY, DECEMBER 4, 2015

Science TODAY ~ B DAY
LEARNING TARGET > “Measurements & Speed”

ON THE CALENDAR

★ Thursday, December 10~ Chapter 3 Vocabulary Quiz
★ Monday, December 7~ 3.1 Section Review~M
★ Friday, December 11~ Grand Portage Project~GC

TODAY’S PLAN

1. Chapter 3.1 Concept Notes
   a. Traditional / Digital / Other
      BREAK - BREAK - BREAK - BREAK - BREAK

2. Chapter 3.1 Section Review~M
3. Science Journal Weekly~GC
4. Grand Portage Project~GC
   a. Expectations & Requirements
   b. How to calculate Speed & Average Speed
   c. You must account for all of your time & distance traveled
   d. Select your groups and start your journey
   e. Google My Maps - Video Support

5. Work Time
Chapters

**Ecology**
- What is decomposition
- What is a food chain & food web

**The Physical Sciences**
- Chapter 1 - What Physics & Chemistry are all about
- Chapter 2 - Science & Measurements

**Motion and Force**
- Chapter 3 - Motion
- Chapter 4 - Forces

**Matter**
- Chapter 11 - Temperature, Heat & Phases of Matter
- Chapter 12 - The Physical Properties of Matter

**Atoms, Elements & Compounds**

**Key Notes from Lecture**
- **Chapter 1** concept notes
  - 1.1 1.2 1.3
- **Chapter 2** concept notes
  - 2.1 2.2 2.3
- **Chapter 3** concept notes
  - 3.1 3.2
- **Chapter 4** concept notes
  - 4.1 4.2 4.3
- **Chapter 11** concept notes
  - 11.1 11.2
- **Chapter 12** concept notes
  - 12.1 12.2 12.3
- **Chapter 13** concept notes
  - 13.1 13.2

**Key Vocabulary Words**
- Ecology • quizlet
- Chapter 1 • quizlet
- Chapter 2 • quizlet
- Chapter 3 • quizlet
- Chapter 4 • quizlet
- Chapter 11 • quizlet #1 • quizlet #2
- Chapter 12 • quizlet
- Chapter 13 • quizlet
- Chapter 14 • quizlet
Calendar
Welcome to Team Trailblazer

**NEWSLETTER**

**Math Homework Calendars**
- Mr. Freese
- Ms. Melrose
- Ms. Whittlef

**Gift & Talented Services**
- Mrs. Gardner

### Team Trailblazer Schedule for December 2015

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<th>Sun</th>
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*Motion Graphics:*
- Design and Animation
- Video Production
- Audio Editing

*Contact Info:*
- Dean Dahl: dean.dahl@edinaschools.org, 952-848-4435
- Chris Griggs: christopher.griggs@edinaschools.org, 952-848-4452
- Janelle LaBlance: janelle.lablance@edinaschools.org, 952-848-3742
- Emily Olson: eolson@edinaschools.org, 952-848-4452

*Links:*
- Moodle/Edina Apps
- School View
- MS Teacher Follow-Up

*Teacher Pages:*
- Dean Dahl: Science, Middle School Support
- Chris Griggs: Social Studies
- Janelle LaBlance: Language Arts & Reading
- Emily Olson & Katie Supina: Language Arts & Reading
- Katie Whittlef: Pre Trans Math
Today in DahlScience

Events shown in time zone: Central Time
To: Science Aday

Science Update ~ Chapter 3 Vocabulary Quiz TOMORROW

Date: 11/19/14
Time: 3:00 PM
Drive
Sharing Folders
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ScreenCastify
record your screen

How To Video
On Horseback from Grand Portage

In the 1800’s they would normally travel by horse, so we thought that they could also take a horse to Grand Portage. We calculated the time by determining how fast an average horse with a load could go (3.1 miles per hour) so it would take 99 hours without any rests but, sadly horses need rest. They would travel 15 hours a day, as in June that’s how many hours of daylight there are. With this factored in, it would take about **6.60 days** to go on horseback from Grand Portage to SVMS. We calculated this by estimating that horses need an hour of rest every 4 hours, and added an hour on each four hours for the horse. Our average speed is 3.1 miles per hour.
Math up

YouTube
Create YOUR YouTube
2A Marching Band Speed Lab

Objective
The University of Hawaii Marching Band created a physics filled half time show. They marched in the shape of the football player, making him walk and eventually kick a field goal. We are going to watch their show, gathering important speed data.

Directions

1. Watch the YouTube clip on the right and answer the questions on the left. You may watch the clip as many times as you need to gather the data.
2. Then do the math to figure the speed for the last 4 answers, based upon your raw data.
3. Do not submit your form until you have enter all the fields and done the speed formula calculation.

---

**Marching Band Speed Activity**

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<table>
<thead>
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<th>1st Step Distance *</th>
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<tr>
<td>When the band starts walking, how many yards does the 1st step travel?</td>
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<table>
<thead>
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<td>What is the first step time?</td>
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<td>Block</td>
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Timers

1-click-timer

Chrome url timer

daily alarms app
Android 5.0 Lollipop Feature Review!
Science and technology

Technology is the practical application of science. Technology includes all the inventions and techniques humans have developed, such as cars, microwave ovens, computers, and even the horse-drawn plow. This book is the result of technology, as is your school building. A bridge is technology because it solves the problem of how to cross a river. A telephone is technology because it solves the problem of how to talk over long distances. Think of technology as applied science, using science to solve problems or accomplish tasks.

Technology is a human creation. Technology is created by people. A car exists because many people used science to invent gasoline, spark plugs, tires, and all the other bits of technology that make up a car. Once a technology like a car exists, people think of ways to make it better. Compared to cars from 1896, today’s cars are more reliable, less expensive, less polluting, safer, and easier to use (Figure 1.6). Fifty years from now, cars may run on hydrogen fuel, creating no air pollution and using no gas.

The design cycle

The design cycle is how technology gets better. Imagine someone has a new idea for a better light bulb. The idea leads to a design. A design is a plan for how to turn the idea into a reality. A test bulb called a prototype is built to see if the idea works. The prototype is tested to see how long it lasts and how bright it is. The results of the testing are analyzed. Often the design is changed based on what was learned in the testing. Then, a new prototype is built and tested. The cycle repeats.
Google Classroom
one of my ideal qualities is my welcomingness and my big smile on my face. I love Alligators and I am friendly and awesome and a comedian. I hope to be even more awesome and to be more of a cool cat and be even more of a people person.
1. 4/14/2015 - 3/4A “Sink or Float”
3. The learning target is to find the volume of wood and clay blocks and to find how much the objects displace. Also to find why objects denser than water can float.
4. The hypothesis is that the amount of water displaced will weigh as much as the object.
5. We took 4 blocks and a block of clay and weighed the clay. Then we put the clay in a bucket/tube and measured how much water it displaced. Then we measured how much the cubes weighed and displaced. We then made a boat and tried to make it float. Then we put blocks in it and again we saw how much it displaced.
6. It would have made it better if we read the directions more carefully. We just jumped in and it took almost the whole time just to figure out what to do. Then we read the directions AND there it was.
<table>
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<tr>
<th>Block</th>
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<th>6 Weight</th>
<th>9 Weight</th>
<th>12 Weight</th>
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<th>3 Mass</th>
<th>6 Mass</th>
<th>9 Mass</th>
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Respectfully,

Dean Dahl
6th Grade Teacher – Team Trailblazer
South View Middle School
4725 South View Lane
Edina, MN 55424
952 848-4435

"If you don’t have time to do it right, when will you have time to do it over?"

John Wooden
Atom drawing final:

Nitrogen
N
7-atomic number
14-mass number

1st energy level

2nd energy level
Mass

The amount of "Stuff" (matter) an object contains.
### Digital Concept Notes

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<th>Concept Notes</th>
<th>Summary or Reflection</th>
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<td><strong>Date I took Concept Notes</strong></td>
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**Key Concepts**

- **What is Position Variable?**
  - Position is a variable and it is always relative to an origin, or the place where the object’s starting point was zero.

- **What is a Positive Number?**
  - Positive numbers are for positions to the right (in front) of the origin.

- **What is a Negative Number?**
  - Negative numbers are for positions to the left (or behind) of the origin.

- **How can position be forwards or backwards?**
  - Position uses positive and negative numbers.

- **How do variables figure in?**
  - Many variables can be positive or negative.

- **What are 3 variables used?**
  - These include position, speed, and force.

- **How will we use the term speed?**
  - We use the term velocity to mean speed with direction.

- **S x T = D**
  - The change in position is the velocity multiplied by the time.

- **How to compile distances.**
  - Each change in position is added up using positive and negative numbers.

- **Graphs & Maps**
  - Street maps often use letters and numbers for coordinates.
Teacher Homepages
- DahlScience
- Geere Science
- Wymore Science

Ecology
- Decomposition
- Food Web and Food Chain
- Consumers and Producers
- Predator and Prey
  - Ecology Vocabulary Quiz ~ SUMMATIVE

Chapter 1
What are Physics and Chemistry
- Chapter 1 pretest
  - 1.1 Section Review ~ FORMATIVE
  - 1.2 Section Review - FORMATIVE
  - 1.3 Section Review ~ FORMATIVE
    - Chapter 1 Vocabulary Quiz ~ SUMMATIVE
    - Chapter 1 Test ~ SUMMATIVE
http://goo.gl/bzNIGa
Retake Notice for Josh Dahl

You are receiving this notice to inform you that Josh Dahl has received a score of 57% on the most recent Chapter 13 Concepts Test assessment in DahlScience.

Josh has decided to schedule the Chapter 13 Concepts Test for:

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<td>Location</td>
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<td>To prepare for this attempt</td>
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If you have any questions after talking with your child, don't hesitate connecting with me.

Thanks for your continued support this school year.

Respectfully,

Mr. Dahl
Email: Doug.Dahl@edinoschools.org
Digital Classroom Student Thoughts