Weekly Agendas CHEMISTRY

CLICK HERE FOR DETAILED SEMESTER EXAM SCHEDULE WITH TIMES

Friday, December 15: 2nd and 4th
Monday, December 18: 1st and 3rd
Tuesday, December 19: 5th and 7th
Wednesday, December 20: Make Ups and 6th

Monday, December 11, 2017

1) Ionic Compounds WS 5 - Review
2) Open Notebook Quiz on Ionic Compounds

Tuesday, December 12, 2017

1) Pass back Test 2: Atomic Structure and the Periodic Table
2) Test Corrections.
- Head a sheet of loose paper:
Name

Date
Class Period
Test 2 Corrections

Write the problem number of missed questions.
Write out each question and WORD ANSWER (not the letter only)
and EXPLAIN WHY you missed this question and what you know now.
If it is a problem, show all problem-solving steps.
Staple test corrections on TOP of your Scantron ANSWER SHEET.

Wednesday, December 13, 2017

Naming and Writing Formulas for Compounds Race 2

Thursday, December 14, 2017

Chemical Formulas Secret Code

Friday, December 15, 2017

Semester Exams: 2nd and 4th
Students dismissed at 1:00

Monday, December 18, 2017
Semester Exams: 1st and 3rd
Students dismissed at 1:00

Tuesday, December 19, 2017
Semester Exams: 5th and 7th
Students dismissed at 1:00

Wednesday, December 20, 2017
Semester Exams: Make Ups and 6th
Students dismissed at 1:00

Monday, December 4, 2017
Ionic Bonding Presentation
Chemical Nomenclature Packet
"Isn't it Ionic?" Ionic Bonding Card Activity

Tuesday, December 5, 2017
1) "Isn't it Ionic?" Ionic Bonding Card Activity
- each group will staple and turn in the answer sheets for the activity; one sheet from each group will be chosen at random to grade.
2) Mole practice Quiz
3) Discuss
Naming Compounds Notes (handout)
Polyatomic Ion List (handout)

Wednesday, December 6, 2017

1) Mole Practice Quiz (finish)
- check in class
2) Compounds Containing Polyatomic Ions (WS 3)

Thursday, December 7, 2017

1) Compounds Containing Transition Metals/Ions with More than 1 Common Charge (WS 4)
2) Mole Quiz 3

Friday, December 8, 2017

Ionic Compounds Summary (WS 5)
Open Notebook Quiz - Finish on Monday 12/11

Monday, November 27, 2017

Ionic Bonding Presentation
Chemical Nomenclature Packet
1) Monatomic Ions WS 1 (packet, p. 1-2)
2) Binary Ionic Compounds WS 2 (packet, p. 3-4)
3) Unit 3 Vocabulary
4) Pass back papers
If you missed the 2nd Mole Quiz on Fri. 11/17, make ups will be during EIP on Tues. 11/28
A 3rd MOLE QUIZ will be Thurs. 12/7 or Fri., 12/8

Tuesday, November 28, 2017

Binary Ionic Compounds Activity
Semester 1 Exam Review **Packet**

Wednesday, November 29, 2017

Semester 1 Exam Review

Thursday, November 30, 2017

Semester 1 Exam Review

Friday, December 1, 2017

Semester 1 Exam Review

Monday, November 13, 2017

Test Review:

Study Guide Answers (See Remind messages)

UNIT 3 SLIDESHOW

Also see these interactive review games on your Internet device:

Electron Configuration Game - this is really good

PhEt Build an Atom Simulation - good for Bohr Models

Electron Configuration Quiz (good for Review)

Electron Configuration - good if you know what to do

Be sure to also review the UNIT 3 SLIDESHOW

Tuesday, November 14, 2017

Test

Wednesday, November 15, 2017

Ions

Classwork

Thursday, November 16, 2017

Unit 3 Vocabulary

Friday, November 18, 2017

Quiz: The Mole (2nd chance)

WEEK 14

Monday, November 13, 2017
Test Review:
Study Guide Answers (See Remind messages)
UNIT 3 SLIDESHOW
Also see these interactive review games on your Internet device:
Electron Configuration Game - this is really good
PhEt Build an Atom Simulation - good for Bohr Models
Electron Configuration Quiz (good for Review)
Electron Configuration - good if you know what to do
Be sure to also review the UNIT 3 SLIDESHOW

Tuesday, November 14, 2017
Test

Wednesday, November 15, 2017
Ions
Classwork

Thursday, November 16, 2017
Unit 3 Vocabulary

Friday, November 18, 2017
Quiz: The Mole (2nd chance)

WEEK 13

Monday, November 6, 2017
1) Quantum Mechanical Model of the Atom (The modern model)
2) Quantum Mechanical Model Presentation AND Electron Configuration Notes
3) Electron Configuration Video
4) Write Electron Configurations for elements 1-20

Tuesday, November 7, 2017
1) Finish Notes/Electron Configuration WS
2) Atomic Structure and the Periodic Table Test Review

Wednesday, November 8, 2017

1) Electron Configuration and Orbital Diagrams

2) Atomic Structure and the Periodic Table Test Review

Thursday, November 9, 2017

1) Check HW/Electron Configuration Shorthand Method

2) Task Card Review Activity

3) HW: HW: Test on Mon., Nov. 13

Study Guide Answers will be sent via Remind

Also see these interactive review games on your Internet device:

Electron Configuration Game - this is really good

PhEt Build an Atom Simulation - good for Bohr Models

Electron Configuration Quiz (good for Review)

Electron Configuration - good if you know what to do

Friday, November 10, 2017

1) Bellwork

2) Task Card Review Activity

3) Electron Configuration Exit Ticket Quiz

4) HW: Test on Mon., Nov. 13

Study Guide Answers will be sent via Remind

Also see these interactive review games on your Internet device:

Electron Configuration Game

PhEt Build an Atom Simulation

Electron Configuration

WEEK 12

Monday, October 30, 2017

1) Bell Work Periodic Trends (ACT Prep)

2) Periodic Table Mystery Picture (Puzzle)

Tuesday, October 31, 2017

Halloween Lab

Wednesday, November 1, 2017

1) Periodic Table Mystery Picture

2) Moles of Chalk Lab

3) Periodic Table Organization (Notes)

Thursday, November 2, 2017

1) Moles or Chalk Lab - calculations

2) Pop Quiz

3) Intro to the Modern Model of the Atom

Quantum Mechanical Model of the Atom (The modern model)

4) Electron Configuration Presentation AND Electron Configuration Notes

5) Electron Configuration Video

6) Electron Configuration Practice

Friday, November 3, 2017

1) Mole Quiz

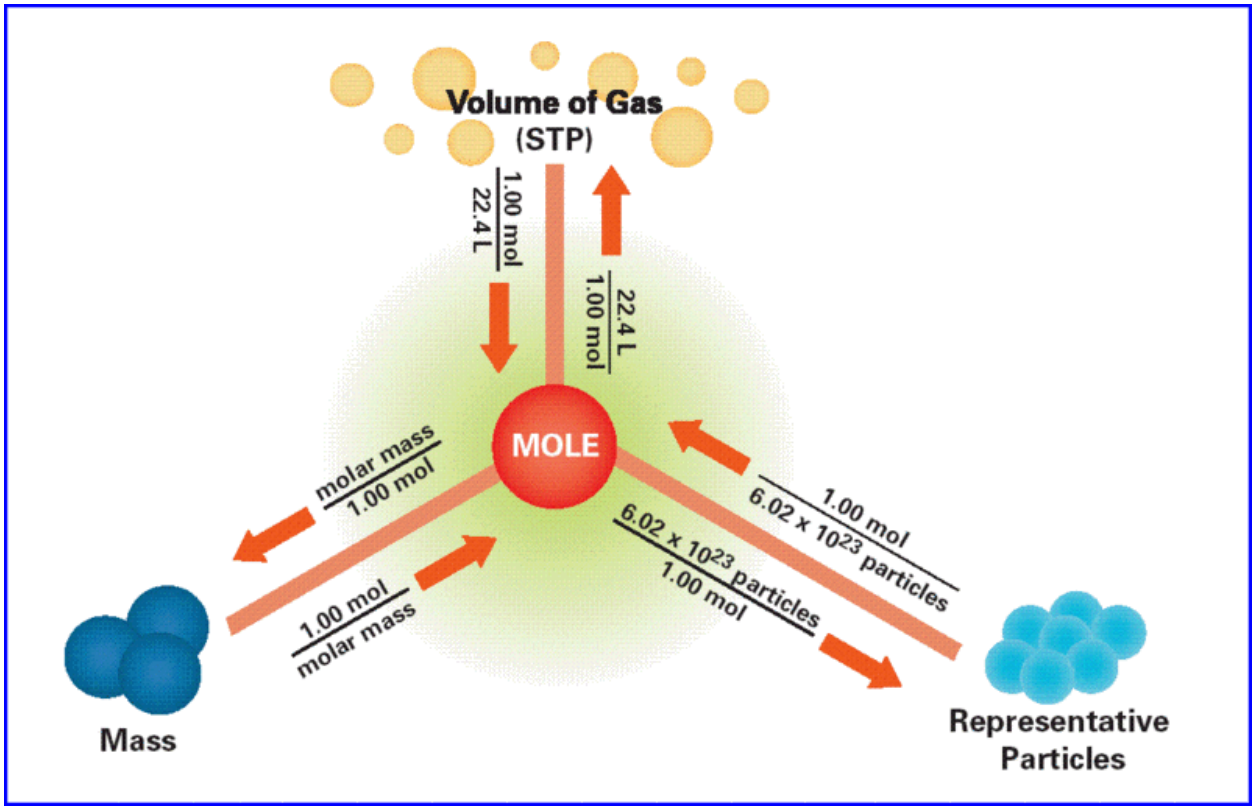
2) Discuss Periodic Trends

- color the s, p, d, and f blocks

- label trends

3) Electron Configuration Practice

4) Test Review



WEEK 11

Monday, October 23, 2017

Mole Day Research Questions due Monday, Oct. 23 @ 8 a.m.

1) The Mole WS 1 - Work problems for 5 minutes. Finish at home. Due Wed. 10/25

2) Moles of Sugar in Gum Lab

3) HW: Atomic Structure Quiz Tues. 10/24

The Mole WS 1 - due Thurs. 10/26

Mole WS 2 is due Mon. 10/30

Tuesday, October 24, 2017

1) Moles of Sugar in Gum Lab ---finish calculations and turn in for grading - DUE TODAY.

2) CW/HW: Atomic Structure Quiz tomorrow.

The Mole WS 1 - due Thurs. 10/26; Mole WS 2 - due Mon. 10/30

Wednesday, October 25, 2017

1) Atomic Structure Quiz

2) CW/HW: Atomic Structure Quiz Wed. 10/25

The Mole WS 1 is due Thurs. 10/26

Mole WS 2 is due Mon. 10/30

Thursday, October 26, 2017

1) Check The Mole WS 1

2) Isotopes and Average Atomic Mass

3) Isotopes of Pennium Lab - Pre-Lab, collect data

4) Mole WS 2 - due Mon. 10/30

Friday, October 27, 2017

1) Isotopes of Pennium Lab - Analysis and Conclusions

2) Moles of Chalk Lab

3) HW: Mole WS 2 - due Mon. 10/30

WEEK 10

Fall Break: Friday, October 13 - Wednesday, October 18. Be safe!

Thursday, October 19, 2017

Unit 3 Vocabulary will be checked during bell work

1) What is an ion?

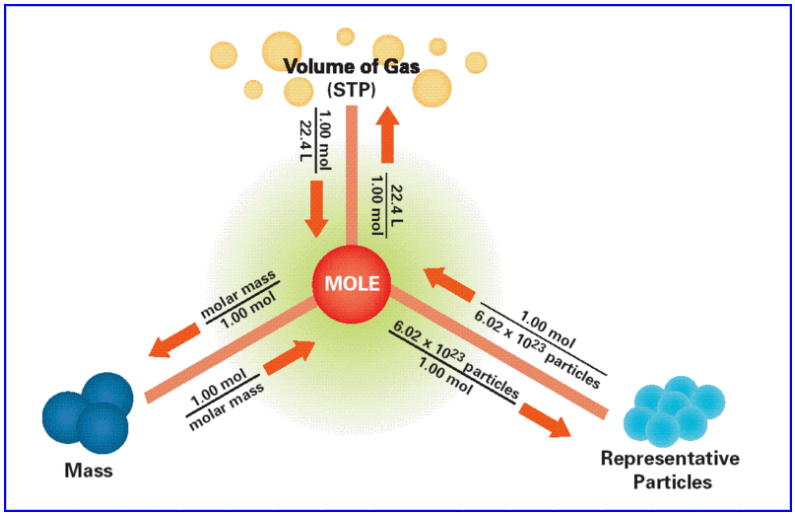
2) Bell Work: Atomic Structure with Ions

3) Check Bohr Models and Lewis Dot Diagrams

4) Avogadro and The Mole Video

5) Mole Notes

6) Mole Conversions Diagram



7) HW: Mole Day Research Questions

Friday, October 20, 2017

1) Mole Conversions (Bozeman Science Video)

Mole Conversions:

- **Moles ↔ Grams**
- **Moles ↔ Particles**
- **Moles ↔ Liters**
- **Grams ↔ Moles ↔ Particles**

2) "The Mole WS" (Pre-Lab)

HW: Mole Day Research Questions

WEEK 9

Monday, 10/9/17

1) History of Atomic Theory Timeline Foldable Project - due today

2) Mole Day Research questions - 50 pts. possible. Due to turnitin.com on 10/23/17 @8 a.m.

3) Unit 3 Vocabulary

- Add

63. ion

Vocab. will be checked. (30 pts. possible) on Thurs. 10/19/17

Tuesday 10/10/17
Unit 3 Slideshow

1) Discuss and add to timeline
3) Unit 3 Vocabulary
- Add
63. ion
Vocab. will be checked. (30 pts. possible) on Thurs. 10/19/17

Wednesday 10/11/17
1) Bellwork: Atomic Timeline Quiz (Use your foldable).
2) Atomic Structure WS elements 1-20; Check
3) Unit 3 Vocabulary - due Thurs. 10/12
- Add
63. ion
Vocab. will be checked. (30 pts. possible) on Thurs. 10/19/17

Thursday 10/12/17
Vocab. will be checked. (30 pts. possible) on Thurs. 10/19/17
1) Periodic Table Trends
2) Bohr Models 1-20
3) Lewis Dot Diagrams

Fall Break: Friday, October 13 - Wednesday, October 18. Be safe!

Week 8
TEST 1 (9/27/17) will include both of these sets of notes:
Science Methods and Measurement Notes and MATTER SLIDESHOW

Monday, 10/2/17
Properties of Matter Station Lab will be checked for completion.

Measurement Review Sheet will be checked.

1) Bell Work: Can You Spot the Scientific Method? (Review)
2) Matter Review Sheet
3) Check Measurement Review Sheet from Friday
4) History of Atomic Theory (TED Talk)

5) History of Atomic Theory Timeline Foldable Project

Tuesday 10/3/17
Club Picture Day
1) Bell Work: Update your TABLE OF CONTENTS
2) Unit 3: Atomic Structure and The Periodic Table
- **make a title page for unit 3 in your composition book**
- **draw an atom**
    - **include a list of things you already know about the topic**
- **Glue in Unit 3 Vocabulary List - have these defined by Wed.., Oct. 11.**

2) History of Atomic Theory Timeline Foldable Project
3) Store unglued pieces in the envelope in the back of your composition notebook.

Wednesday 10/4/17
TEST 1 - Chapters 1 and 2
Unit 3 Vocabulary

Thursday 10/5/17
History of Atomic Theory Timeline Foldable Project - due Mon. 10/9
Unit 3 Vocabulary

Friday 10/6/17
History of Atomic Theory Timeline Foldable Project - due Mon. 10/9
Unit 3 Vocabulary

Week 7

Monday 9/25/17
1) Notes: Have these completed by Wednesday. (Fill in notes from **MATTER SLIDESHOW**).
2) Begin setting up for the **Properties and States of Matter Station Lab**
- Put together your booklet.
- Gather materials (if not on your table).

3) HW: Have notes completed by Wednesday. (Fill in notes from **MATTER SLIDESHOW**).
Test 1 on Thursday 9/28.
YOU MUST WEAR GOGGLES AND CLOSED-TOE SHOES TUESDAY AND WEDNESDAY!

Tuesday 9/26 /17 YOU MUST WEAR GOGGLES TODAY!
INSTRUCTIONS TO SIGN IN TO YOUR CADDO GOOGLE ACCOUNT
1) Properties and States of Matter Station Lab

2) HW: Have notes completed by Wednesday. (Fill in notes from **MATTER SLIDESHOW**).

Test 1 on Thursday 9/28

Wednesday 9/27/17 YOU MUST WEAR GOGGLES TODAY!

1) Finish **Properties and States of Matter Station Lab**

2) Discuss Lab

Thursday 9/29/17

1) Finish **Properties and States of Matter Station Lab**

2) Discuss Properties of Matter Station Lab (Answer Key)

Friday 9/30/17

Properties of Matter Station Lab will be checked on Monday

Measurement Review Sheet will be checked Monday

Test 1: Wed. 10/4/17

WEEK 6

School Pics 9/19 - Sophomores, 9/20 - Juniors

Review of 9/15/17:

1) Finish gathering data
2) Construct a graph of mass vs. volume of 2 sets of cylinders. Plot both sets of data on the same graph. Draw a line of best fit for each set of cylinders.
3) Calculate the slope of each of your lines.

If you were absent, copy the data from a classmate, make sure your volumes for each sample are close, construct an excellent graph, and calculate the slope of each line.

Monday 9/18/17

If your volume measurements are not similar, be sure you have used the volume formula correctly.

1) Percent Error Calculation - See Lab Sheet and Accepted Values
If you have a high percent error, try to discover the source. Are the volumes similar for each set of cylinders? They should be. Recalculate.
2) Write a Conclusion to this activity.
Restate the purpose. Discuss what the graph shows. Discuss the percent error calculations and if the percent error was low. If you had a high percent error, did you discover the source of the error and recalculate.
3) Turn all of this in today. (50 pts. possible)
4) Can you make a layered solution using only salt, water, and food coloring?
Create a step by step plan. VIDEO

5) Test - Chapters 1 and 2 on 9/27/17.

Tuesday 9/19/17
1) Density Notebook Quiz (60 points possible)
2) Measurement Review Sheet (10 points - due 9/20)

Wednesday 9/20/17
1) Classification of Matter Card Sort/Map
2) Classification of Matter and States of Matter Notes

Thursday 9/21/17

Notes: Behavior of Gases - See **MATTER SLIDESHOW**
States of Matter/Kinetic-Molecular Theory Simulation

Friday 9/22/17

ACT Practice Test/Periodic Table Word Search Puzzle

WEEK 5

Monday 9/11/17

1) Observation vs. Inference
2) Discuss Components of an Excellent Graph
3) Graph: Reaction Temperature (degrees Celsius) vs. Time (min); Finish for HW.
4) Write Analysis and Conclusions to the Making Observations Lab; Finish for HW.
5) Density Notes
6) Density Example Problems

Tuesday 9/12/17

1) Density Problems WS
2) Graphing Notes (Linear graphs)
3) Density Graphing Activity

Wednesday 9/13/17

Reminder: pay your class fees ($10 for Chemistry)
Debt Lists have been submitted to the office for nonpayment. Being on the debt list prevents you from participating in Homecoming and other school activities and events.
ACT REMINDER:

UPCOMING ACT TEST DATES

Test Date	Registration Deadline	Late Fee Required
October 28, 2017	September 22, 2017	September 23 – October 6

December 9, 2017 November 3, 2017 November 4 – 17

You must register online. Your SCHOOL CODE is 192680

Click here for ACT Student and Parent Information and to REGISTER

ACT Fee Waiver Information

1) Pre-Lab Notes/Activity: Density of Solids
Discuss methods of determining volume.
Discuss proper use of the balances.
Discuss the use of calipers.
2) Set up a Data Table
3) Choose two samples, describe each, and begin collecting mass and volume data.
4) Use the data to calculate the density of each cylinder in each set.
What do you notice about the density of each of the cylinders?

Thursday 9/14/17

Density of Solids Lab:
Gather data (See Lab Sheet)

Friday 9/15/17

1) Finish Gathering Data
2) Construct a Graph of Data from the Density of Solids Lab

WEEK 4

Monday 9/4/17 - Labor Day Holiday
Tuesday 9/5/17
1) Dimensional Analysis Warmup
2) Write a Lab Report using the Lab Report Format provided.
Reserve 2 additional pages in your comp book next to the Making Observations Lab - Label one page "graph" and the next page "Analysis and Conclusions"
3) Lesson: Dimensional Analysis within the SI System
4) Class Work Dimensional Analysis WS 2; Sig Figs Practice
5) HW: Oobleck Lab Analysis & Conclusions - due Tues. 9/6 to turnitin.com;
Sig. Figs Quiz 2 on Thurs. 9/7; Dimensional Analysis Quiz on Fri. 9/8

Wednesday 9/6/17

1) Check Dimensional Analysis WS 2; Sig Figs Practice
Answer Key to Dimensional Analysis WS 2

Answer Key to Sig Figs WS 4
2) BRQ today is a Review Activity: Sig Figs Task Cards
Head one sheet of Loose-leaf paper with your
Name
Date
Class Period
Task Cards: Sig. Figs
3) Check Task Cards in class
4) Exit Ticket Quiz
5) HW: Sig. Figs Quiz 2 on Thurs. 9/7; Dimensional Analysis Quiz on Fri. 9/8

Thursday 9/7/17

1)Sig. Figs Quiz 2
2) Write up Making Observations Lab Report
3) HW: Finish anything unfinished above. Dimensional Analysis Quiz on Fri. 9/8

Friday 9/8/17

1) Dimensional Analysis Practice
2) Dimensional Analysis Quiz

WEEK 3

Rules of Significant Figures

RULE -1: If the decimal is Present: Find the first non zero on the left, then count all digits to the RIGHT If the decimal is Absent: Find the first non zero on the right, then count all digits to the LEFT
RULE-2: Every digit in scientific notation is Significant (when written correctly)
RULE-3: Any number that is counted is an EXACT number and has UNLIMITED significant digits.

Monday 8/28/17

1) Check Significant Figures Practice WS; Check Oobleck Lab Observations
2) Dimensional Analysis Lesson
Work on Oobleck Lab Analysis & Conclusions
3) HW: Oobleck Lab Analysis & Conclusions - due Tues. 8/29; Sig. Figs - Quiz on Thurs. 8/31; Wear closed toe shoes on Friday 9/1; Back to School Night is Tuesday 8/29 @ 5 p.m.

Tuesday 8/29/17

Oobleck Lab Analysis & Conclusions need to be typed and uploaded to turnitin.com by Tuesday 9/5 @ 8 a.m.

Enrollment Key for all classes: jackets
2nd period: Class I.D. 15902940
3rd period: Class I.D. 15902941
4th period: Class I.D. 15902942

5th period: Class I.D. 15902945

1) 8/29/17 BRQ (Bell Ringer Quiz)
2) Famous Conversion Errors (NASA)
Dimensional Analysis WS 1
3) HW: Finish Dimensional Analysis WS 1 ; Sig. Figs - Quiz on Thurs. 8/31; Oobleck Lab Conclusions - due Tues. 9/5/17 to turnitin.com; Wear closed toe shoes on Fri. 9/1

Wednesday 8/30/17

1) Check Dimensional Analysis WS 1
2) Chemistry Pre-Test
3) Pre-Lab: Making Observations
- answer questions
- Set up a data table to record temperature of the contents of the beaker every 30 sec for 15 minutes.
4) HW: Finish Pre-Lab by Thursday at the end of class; Sig. Figs - Quiz on Thurs. 8/31; Wear closed toe shoes on Friday 9/1

Thursday 8/31/17

*Check Sig. Figs WS (the really long one)
1) Sig. Figs Quiz
2) Dimensional Analysis Notebook Quiz
3) Pre-Lab: Making Observations
- Write the introduction in your notebook.
- Read the entire procedure.
- Set up a table to record temperature of the contents of the beaker every 30 sec for 15 minutes.
3) Wear closed toe shoes on Friday 9/1

Friday 9/1/17

*Pre-Lab and Data Table required before you begin. Wear Goggles!
1) Making Observations Lab
Follow procedures.
Record temperature of the contents of the beaker every 30 sec for 15 minutes.
2) Discuss Components of an Excellent Graph
3) Graph: Reaction Temperature (degrees Celsius) vs. Time (min)

WEEK 2

Monday 8/21/17

1) Bellringer Quiz/Solar Eclipse (Period 6)
Solar Eclipse Live Streaming NASA

Eclipse Stream Live (NASA)
The Science Channel Live Streaming
TIME Live Streaming of Solar Eclipse
2) Metric Squares Activity
3) HW: Finish anything unfinished above. Chapters 1 and 2 Vocabulary- due Fri. 8/25, Scientific Notation Quiz on Thurs. 8/24

Tuesday 8/22/17

1) Bellringer Quiz
2) Unit 1 Presentation
Calculations with Scientific Notation Lesson/WS
3) Scientific Measurement/Sig. Fig.s Activity
4) Rules of Significant Figures/Practice WS 1 & 2
5) HW: Finish anything unfinished above, Chapters 1 and 2 Vocabulary - due Fri. 8/25, Scientific Notation Quiz on Thurs. 8/24

Wednesday 8/23/17

1) Scientific Notation Quiz
2) Rules of Significant Figures/Practice WS 1 and 2
3) HW: Finish anything unfinished above, Chapters 1 and 2 Vocabulary - due Fri. 8/25, Scientific Notation Quiz on Thurs. 8/24

Thursday 8/24/16

1) Quiz - Scientific Notation
2) Significant Figures Practice WS
3) "**Ooblek**" Pre-Lab questions
4) HW: Finish anything unfinished above; Unit 1 Vocabulary - due Fri. 8/25

Friday 8/25/16 WEAR SAFETY GOGGLES!
1) Check: Vocabulary
2) Oobleck Video
Ooblek Lab
Make and record observations
3) HW: Finish anything unfinished above;Chapters 1 and 2 Vocabulary - due Fri. 8/25

WEEK 1

BTS Presentation

8/14/17
1) Fill out an Information Card

2) Introduction Activity
Homework:
Get Letter and Lab Safety Contract signed.
Sign up for:
Remind by sending this text: @fox-ps to 81010
Turnitin.com - Write down your class I.D.
6th period: Class I.D. 15902948
7th period: Class I.D. 15902951

8/15/17
*Hand in Contracts and Supplies (Include Name & Class Period on all items)

1. Video: Bus Safety Rules
2. Discuss Lab Safety
3. Set-up Interactive Science NB
4. Design an Experiment (Paper Airplane Lab)
5. Experimental Design Vocabulary

HW: Finish page numbering and "About Me" page. Lab Safety Quiz on Thurs. 8/17/17

8/16/17
1. Bell Work: Lab Equipment Card Sort
2. Glue into comp. book:

Components of an Excellent Graph
Periodic Table
Is it a theory?

1. Chapter 2: Measurements and Calculations
2. Experimental Design WS
3. HW: Finish Experimental Design WS; Lab Safety Quiz Thurs. 8/17

8/17/17
1) Bellwork: Is it a theory?
2) Solar Eclipse Aug. 21, 2017
What will the solar eclipse will look like in Shreveport?
BEWARE: A Solar Eclipse can blind you.
Man, 71, Burned His Retina Looking at Eclipse As a Teen: 'Why Take a Chance With Your Eyes?'
NASA Recommends Safety Tips to View the August Solar Eclipse
Where to buy eclipse glasses
NASA Live Streaming of Eclipse
3) **Unit 1, Part 1: Measurements and Calculations**
4) Scientific Notation
Video: scientific notation
HW: Lab Safety Quiz Fri. 8/18

8/18/17 ISSUE TEXTBOOKS

1) **Check Scientific Notation WS**
2) **Lab Safety Quiz**