Monday, April 20th


Learning Target : I can identify the anode and the cathode in order to write the half-reactions that occur at these electrodes.

Homework: Practice questions for test tomorrow

As you enter... (Write down questions and answers)

Which ion is most easily reduced? Table J

(1) $Zn^{2+}$
(2) $Mg^{2+}$
(3) $Co^{2+}$
(4) $Ca^{2+}$

When a voltaic cell operates, ions move through the

(1) anode
(2) cathode
(3) salt bridge
(4) external circuit

$e^-$ flow.

**Reminder: Electrochemistry Exam tomorrow**

***Statement of Inquiry: Energy allows for the movement of the parts of a system which is used to manipulate chemical reactions for scientific and technological uses.***


9th period:

- Review Questions for Test tomorrow (40 min)
- Exit Tix [5 min]

Tix out the door (Don't forget your name.)

Tuesday, April 21st


Learning Target : I can demonstrate my understanding of electrochemistry through regents exam questions.

Homework: n/a

As you enter... (Write down questions and answers)

**Take our your reference tables and start your exam right away**

**There is no talking as soon as you step in this room.**

**Good luck!**

**Reminder: Tuesday and Thursday After School Tutoring**

***Statement of Inquiry: Energy allows for the movement of the parts of a system which is used to manipulate chemical reactions for scientific and technological uses.***


8th period:

- Electrochemistry Exam (45 min)

9th period:

- NEW UNIT: Organic Chemistry

Tix out the door (Don't forget your name.)

**Name 2 differences between a voltaic cell and an electrolytic cell.**
**(You must talk about both cells in your answer)**

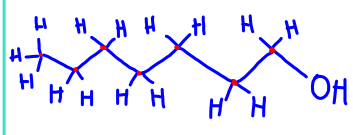
Wednesday, April 22nd

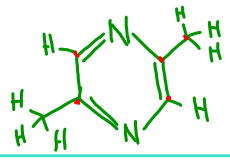
Learning Target : I can construct organic molecules to determine how naming rules relate to the structure of the molecule.

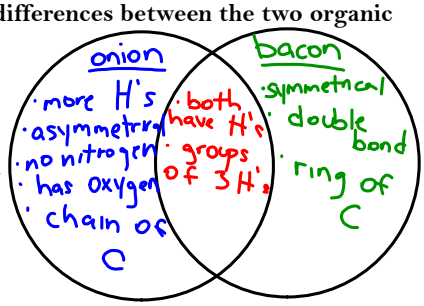
Homework: n/a

As you enter... (Write down questions and answers)

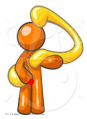
**What are the similarities and differences between the two organic molecules below?**








***Statement of Inquiry: Energy allows for the movement of the parts of a system which is used to manipulate chemical reactions for scientific and technological uses.***

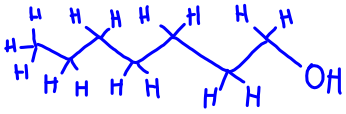


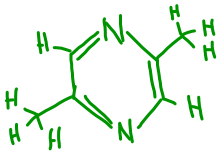

9th period:

- Organic Chemistry Vocab (15 min)
- Organic Chemistry Modeling (30 min)

## Challenge:

Can you construct the onion and bacon molecules with your model kit?





## Tix out the door (Don't forget your name.)

Which phrase describes the distribution of charge and the polarity of a $CH_4$ molecule?

(1) symmetrical and polar
(2) symmetrical and nonpolar
(3) asymmetrical and polar
(4) asymmetrical and nonpolar

Which formula represents an organic compound?

(1) $CaH_2$
(2) $C_4H_8$
(3) $H_2O_2$
(4) $P_2O_5$

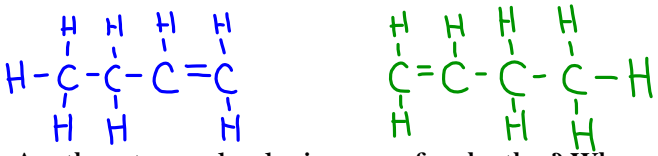
Thursday, April 23rd

Learning Target : I can name organic compounds and draw their structural isomers.

Homework: n/a

As you enter... (Write down questions and answers)

**1. What is an isomer?**



**2. Are these two molecules isomers of each other? Why or why not?**

**2. Name the two molecules.**

***Big Idea: Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.***

8th period:

- Organic Chem Notes: Topic 2 (20 min)
- Finish Organic Chemistry Modeling (30 min)

9th period:

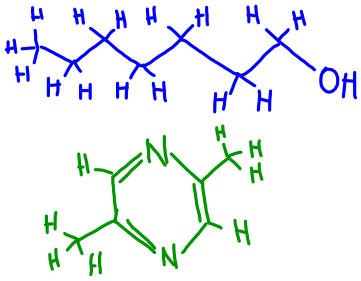
- Practice Naming Organic Molecules (45 min)

Directions

1. Work in a group of 2 or 3 to create the organic molecules given to you in the data tables.
2. You must create the molecule before filling in the tables.
3. All bonds (holes) of the carbon and hydrogen atoms must be filled for a complete molecule.

Challenge:

Can you construct the onion and bacon molecules with your model kit?



Tix out the door (Don't forget your name.)

1. Which formula represents an organic compound?
   (1) $CaH_2$ (3) $H_2O_2$
   (2) $C_4H_8$ (4) $P_2O_5$

2. Name the organic molecule in question 1.

Friday, April 24th

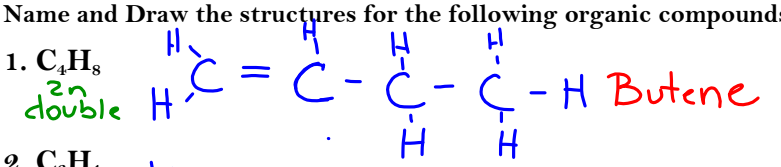
Learning Target : I can name organic compounds and draw their structural isomers.

Homework: n/a

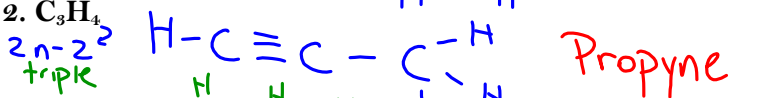
As you enter... (Write down questions and answers)

**Name and Draw the structures for the following organic compounds:**

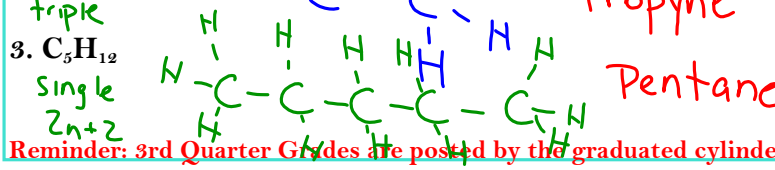
1. $C_4H_8$




2. $C_3H_4$




3. $C_5H_{12}$




**Reminder: 3rd Quarter Grades are posted by the graduated cylinders**

***Big Idea: Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.***

AGENDA

9th period:

- Continuation of Notes... (10 min)
- Finish Packet on Naming Organic Molecules (30 min)
  > Then... Table P & Q Packet
- Exit Tix (5 min)

## Tix out the door (Don't forget your name.)

Name and draw the structures for the following organic compounds:

1. $C_2H_6$
2. $C_6H_{12}$