Monday, April 27th

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

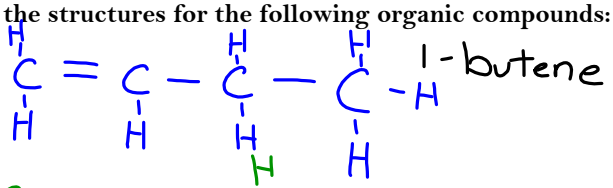
Homework: n/a

single $2n+2$ double $2n$ triple $2n-2$

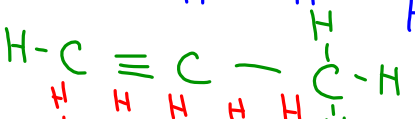
As you enter... (Write down questions and answers)

Name and Draw the structures for the following organic compounds:

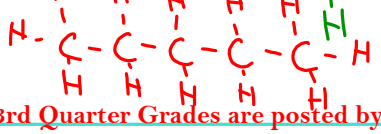
1. C_4H_8 double



2. C_3H_4 triple



3. C_5H_{12} single



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.

3rd period:

3 Packets due by Wednesday...

(Class time to finish these 3 today only, then it's HW)

1. Model Kit Activity (from Thurs)
2. Organic Nomenclature (from Fri)
3. Table P & Q Packet (from today)

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}

Tuesday, April 28th

Learning Target : I can identify and name organic compounds with different functional groups.

Homework: n/a

$2n+2$

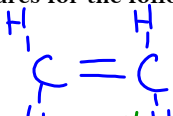
$2n$

$2n-2$

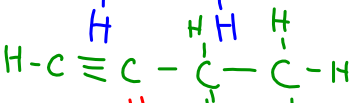
As you enter... (Write down questions and answers)

Draw the structures for the following organic compounds:

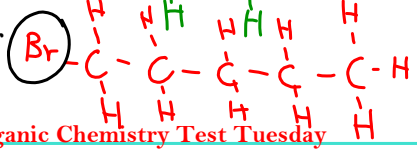
1. C_2H_4 double



2. C_4H_6 triple



3. 1-$C_5H_{11}Br$ C_5H_{12}



Reminder: Organic Chemistry Test Tuesday

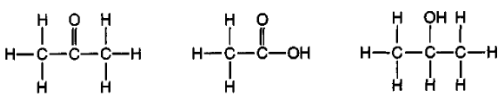
Big Idea: Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.

3rd/4th period:

- Continuation of Notes... (30 min)
- Functional Groups Packet (60 min)
- Finish early... Do Homework (P & Q packet)
- Exit Tix (5 min)

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

Given the three organic structural formulas shown below:



Which organic compound classes are represented by these structural formulas, as shown from left to right?

A) ester, organic acid, ketone
B) ester, aldehyde, organic acid
C) ketone, aldehyde, alcohol
D) ketone, organic acid, alcohol

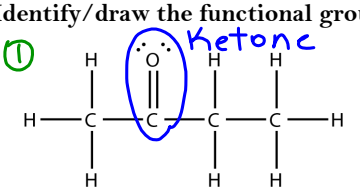
Wednesday, April 29th

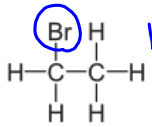
Learning Target : I can use models to isolate the functional group within different organic compounds.

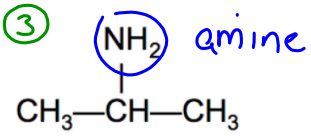
Homework: Finish all classwork

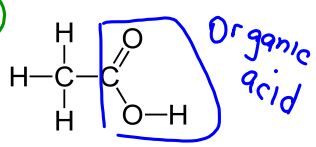
As you enter... (Write down questions and answers) Table R

Identify/draw the functional group and name it's class of compound.

1. 

2. 

3. 

4. 

Reminder: Organic Chemistry Test Tuesday

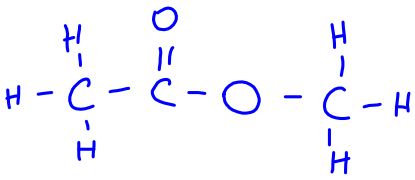
Big Idea: Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.

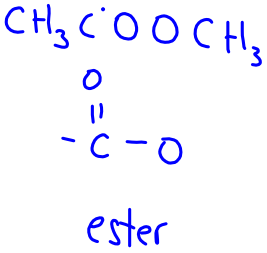
AGENDA

9th period:

- Models: Identify Functional Groups (40 min)
- Exit Tix (5 min)

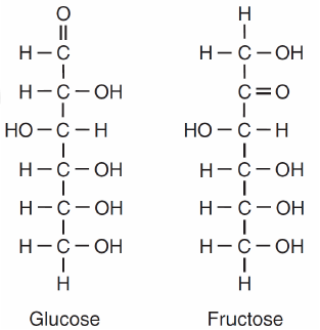
- carbon
- hydrogen
- nitrogen
- bromine
- oxygen
- chlorine





ester

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



1. Identify the **functional group** that appears more than once in the fructose molecule.

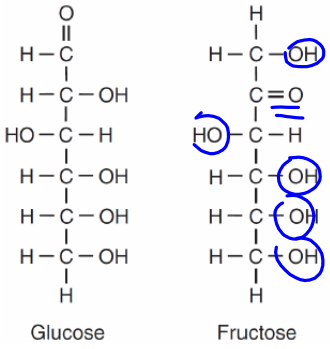
2. Explain, in terms of atoms and molecular structure, why glucose and fructose are **isomers.**

Thursday, April 30th

Learning Target : I can analyze models to differentiate between organic reactions.

Homework: Finish all classwork

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



1. Identify the **functional group** that appears more than once in the fructose molecule. – OH

2. Explain, in terms of atoms and molecular structure, why glucose and fructose are **isomers.** Same # of each element, diff structure

Reminder: Organic Chemistry Test Tuesday

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

AGENDA

3rd period:
- Finish Models: Identify Functional Groups (15 min)

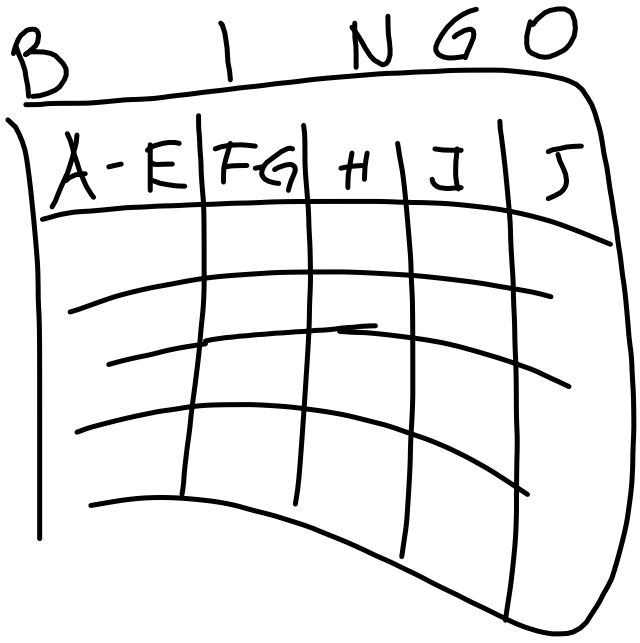
4th period:
- Organic Reactions... (40 min) → Done by 10:10
- Organic Reactions Notes... (35 min)
- Exit Tix (5 min)

- carbon
- hydrogen
- nitrogen
- bromine
- oxygen
- chlorine

$Br_2, I_2, N_2, Cl_2, H_2, O_2, F_2$

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

Write one similarity and one difference between a substitution reaction and an addition reaction.


B I N G O
A-E
FG
H
J
J

Advisory Options for this Week...

* Personal Project Work (journaling, presentation prep)

*Resume Building (for jobs, internships, etc)

*Regents Prep Work (online questions, review packets)

*Jigsaw Puzzle