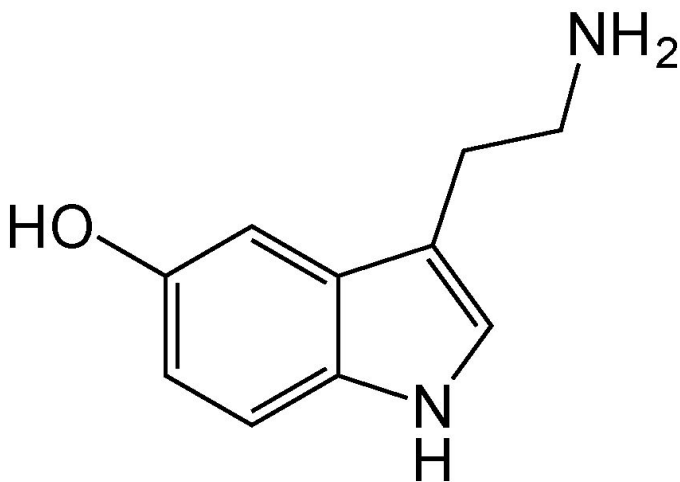


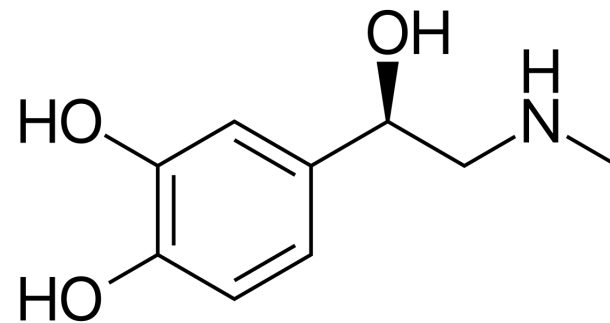
“To learn something new, you need to try new things and not be afraid to be wrong.”

-Roy T. Bennett



Essential Learnings

- ✓ Obtain and communicate information from historical experiments to determine the structure and function of an atom and to analyze the patterns represented in the periodic table.
- ✓ Develop and use models of atomic nuclei to explain why the abundance-weighted average of isotopes of an element yields the published atomic mass.
- ✓ Use the periodic table as a systematic representation to predict properties of elements based on their valence electron arrangement.
- ✓ Plan and conduct an investigation to classify properties of matter as intensive and demonstrate how intensive properties can be used to identify a compound.
- ✓ Plan and conduct investigations to demonstrate different types of simple chemical reactions based on valence electron arrangements of the reactants and determine the quantity of products and reactants.
- ✓ Use mathematics and computational thinking to express the concentrations of solutions quantitatively using molarity.
- ✓ Plan and carry out investigations to explain the behavior of ideal gases in terms of pressure, volume, temperature, and number of particles.
- ✓ Analyze and interpret data to compare the strength of intermolecular forces and how these forces affect physical properties and changes.
- ✓ Plan and conduct experiments that demonstrate how changes in a system validate the kinetic molecular theory.
- ✓ Construct an explanation that describes how the release or absorption of energy from a



Chemistry

WITH
Mrs. Powers

Room SC-7
Virginia.powers@acboe.net

Expectations

Be **RESPECTFUL**, stay **ENGAGED**, & work **HARD**.

Beginning of class Take a seat, submit any homework assignments to the box, complete the bell-ringer, and wait for further instruction.

During class Be an active participant in your learning. Listen, collaborate, and ask questions.

End of class Stay in your seat until dismissal.

Required Materials

- ✓ Notebook or Binder for notes
- ✓ Writing utensil
- ✓ Scientific Calculator

Grades

This course is composed of Major and Minor categories.
65% Major: Tests and Lab Reports
35% Minor: Homework, Classwork, Quizzes, etc.

LATE WORK:

Late work is not accepted.

MAKE-UP WORK:

Make-up work is accepted ONLY for excused absences. When absent, please check the absent folder or Google Classroom for any missed assignments. You have three days to make up any missed assignments. After that deadline, the work is considered late.

IT IS YOUR RESPONSIBILITY TO RESCHEDULE MISSED TESTS!!

All grades will be updated in INOW weekly. Make sure you are keeping track of your progress.



“It’s supposed to be hard. If it were easy, everyone would do it.” -Tom Hanks

Technology

We will utilize Google Classroom for e-learning. You must “join” my class by going to classroom.google.com and enter this code:

2wqvf3d

I will also use Remind, a texting reminder service. To receive texts, please send a text to 81010 with the message:

@eec22ek

Academic Dishonesty

Academic dishonesty will NOT be tolerated under any circumstances. Cheating, copying, or plagiarism of any form will result in failure of the assignment, disciplinary referral, and parent contact.