

Honors Chemistry - 2019

Class Syllabus

Mrs. Heather Minton

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School Website: <http://pike.al.pch.schoolinsites.com>

School Website: <http://pikecountyathletics.com>

Welcome

This semester be prepared to work and work hard. We will be incorporating our learning into many different activities from project based learning tasks to POGIL (process oriented guided inquiry learning) activities where you will be tasked with diving into a concept to learn it on your own before it is taught more indepthly. We will also be utilizing ASIM (Alabama Science in Motion) labs on a weekly to bi-weekly basis. We will move fairly quickly. If you get lost or have questions – ASK – don't let me continue going if you are lost. We are going to have a great semester – if you buckle down and put your thinking caps on!

SCIENCE Expectations

Students are expected learn and conduct themselves the "SCIENCE" way!

- S**peak with respect to the teacher and your peers.
- C**ome to class on time, ready to learn & with all necessary materials.
- I**nterruptions or rudeness is NOT tolerated. Raise your hand to speak.
- E**xercise safety and caution when conducting experiments.
- N**o running, yelling or throwing objects. No food, drink or gum in the lab.
- C**heck your work carefully and pay attention to the details.
- E**xplore ideas and concepts. Ask questions to find the right answer.

Other Expectations

Cell phones – keep them put away, unless you have explicit instructions to have them out. If you are tempted to text while we are conducting class – place the phone in the cell phone holder on the back of the door and retrieve it at the end of the block. Test days, all phones will be collected prior to tests and given back at the end of the class.

(The official cell phone policy for Pike County Schools can be found on pages 14 and 15 of the Student Code of Conduct.)

Shoes – on lab days (which will be announced both in class and via remind) – all students MUST have close-toed shoes on. NO student will be allowed in lab if they have on open-toed shoes of any type. An alternate assignment will be given for the content of the lab, however students will receive a zero "0" for their participation grade for the lab. The zero for that day CANNOT be made up.

Attendance – Is expected DAILY! You will miss valuable information if you miss even one day of class. In the event a student is out, if the test or assignment was announced prior to the student being out, the student will have to make up the assignment upon returning to class. If the test or assignment was announced in the absence of the student, the student may be given up to 3 days to complete the assignment or test. In the event of an extended absence Mrs. Minton will work individually with the student to ensure make up work is completed.

(The official make up work policy for Pike County Schools can be found on page 21 of the Student Code of Conduct.)

Students missing more than 7 days of class can be denied credit for the course.

(The official attendance policy for Pike County Schools can be found on pages 19 of the Student Code of Conduct.)

(The flow chart and policy for Exam Exemption can be found on pages 24 and 25 of the Student Code of Conduct and the flow chart can be found on the back of this page.)

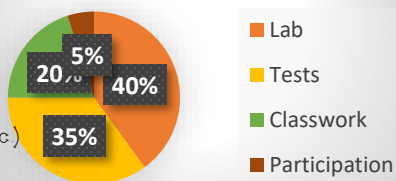
Restroom – go to the restroom between classes, students will not be allowed out of class during instructional time to go to the restroom.

Grading Policy

Grading will be based on four categories:

- labs (40%)
(lab reports and lab activities)
- tests (35%)
(tests and quizzes)
- classwork (20%)
(worksheets, notes, group work etc.)
- participation (5%)
(lab, class, preparedness, out of class tasks)

Grade Distribution



Academic Honesty – You are ALWAYS expected to do your OWN work, even in groups. You and your group mates may work together, however the way you formulate answers won't be the same. You should ALWAYS put YOUR work in YOUR own words.

Students found cheating or fabricating work in any way will receive a zero on the assignment. If a student is caught copying someone else's paper, both students will receive half of the grade received for the assignment.

(The official academic dishonesty policy for Pike County Schools can be found on pages 25 and 26 of the Student Code of Conduct.)

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ALL STUDENTS AND PARENTS SHOULD BE SIGNED UP BY FRIDAY, AUGUST 9. REMIND IS NOT OPTIONAL FOR STUDENTS

Class Supplies

Required:

3-Ring Binder, Pencil, Loose-leaf paper (wide or college)

Optional:

A box of gloves (non-latex), color or copy paper, hand sanitizer, markers, paper towels, Kleenex, Ziploc bags

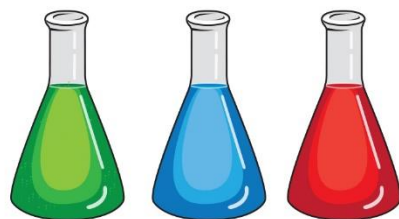
Any optional supplies provided will be worth a small incentive for the student

Student Jobs

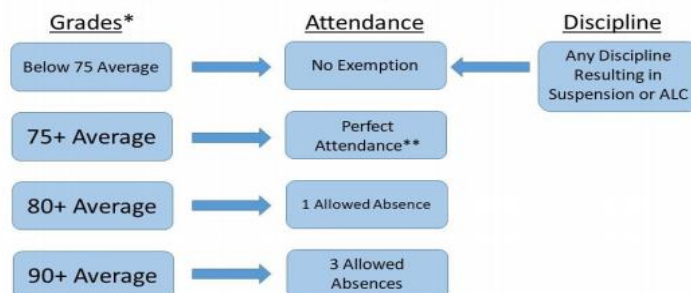
Students will have a variety of jobs throughout the semester that will help our classroom run more smoothly. Student jobs are not optional and will rotate on a weekly or bi-weekly basis.

A Special Note

Honors Chemistry is a fun, yet very challenging class. It is **EXTREMELY** important that you are in class every day and that you take notes and pay attention to everything that we do. We will be doing many projects and activities that will build on each other. If you miss foundational material for a topic, you will likely have difficulty with that topic so being present is very important. If you miss class, it will be your responsibility to make up the missed work, but also your responsibility to come to me before or after school for assistance with any foundational concepts you do not understand. If you ever need for me to stay and tutor you, please ask. I will stay and help anyone who asks for help.



Semester Exemption Flowchart



*Average = Average of the two 9 weeks that make up the given Semester

**Perfect Attendance includes No Tardies or Check-In/-Out

***3 Unexcused Tardies = 1 Absence

Topics to be Covered:

Lab Equipment and Safety
Scientific Method
Scientific Notation
Significant Figures
Dimensional Analysis
Atomic Structure
Mole Conversions
Electrons in Atoms
Periodic Table
Chemical Bonding
Percent Composition
Empirical and Molecular Formulas
Nomenclature
Chemical Formulas
Chemical Equations
Balancing, Classifying, Predicting
Stoichiometry
Gases
States of Matter
Ions in Solutions
Concentration
Acids and Bases
Energy
Kinetics
Equilibrium



Keep this copy of the syllabus in your notebook.

Student/Parent Verification of Understanding

Under Each policy, both Parent and Student need to Initial that they have read and understand the Policy and Implications from not adhering to the policy.

Cell phones – keep them put away, unless you have explicit instructions to have them out. If you are tempted to text while we are conducting class – place the phone in the cell phone holder on the back of the door and retrieve it at the end of the block. Test days, all phones will be collected prior to tests and given back at the end of the class.

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Parent: _____ Student: _____

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Parent: _____ Student: _____

Remind – Student and parent have both joined Remind. Remind is an important communication tool for announcements.

Parent: _____ Student: _____

Recognition of Receiving, Reading and Understanding of:

Mrs. Minton's Honors Chemistry Syllabus

I, _____, the parent or guardian of _____, have read and understand the syllabus, containing rules, procedures and expectations for Mrs. Minton's Honors Chemistry class. I am aware that if my child cannot control his or her behavior in Mrs. Minton's classroom that he or she will be dealt with in accordance with the Pike County Board of Education Code of Conduct. I also understand that Mrs. Minton wants my child to achieve greatness and will do everything in her power, with the help of my child and myself, to see that success occurs.

Parent/Guardian Signature: _____

Parent/Guardian Phone #: _____

Parent/Guardian E-mail Address: _____

(These are important in the event a parent contact needs to be made. I try to make positive contacts as well as those where I may need your assistance. Please make sure this is a working number and e-mail and if it changes during the semester, please let me know.)

Date: _____ Preferred way to be contacted: ____ call ____ text ____ e-mail (Please select one)

I, _____, have read and understand the syllabus, containing rules, procedures and expectations for Mrs. Minton's Honors Chemistry class. I am aware that if I cannot control my behavior in Mrs. Minton's Honors Chemistry class that she will handle my behavior in accordance with the Pike County Board of Education Code of Conduct. I also understand that Mrs. Minton wants me to achieve greatness and will do everything in her power, with my help, to see that success occurs.

Student Signature: _____

Date: _____

(Please return completed and signed to Mrs. Minton
NO LATER THAN Friday, August 4, 2014)