

Mrs. Yates's Chemistry Syllabus

Date/Time: Wednesday 9:00-10:30

Recommended Grades: 10-12

Overall Topics for the Year

1. Intro to Chemistry- analyzing data and matter (Ch. 1-3)
2. Atomic Structure - atoms and elements (Ch. 4-6)
3. Bonding, Compounds, and Chemical Reactions- chemical and physical properties, bond formation, chemical composition in compounds, and chemical reactions (Ch. 7-9)
4. Stoichiometry- the mole, stoichiometric calculations, percent yield (Ch. 10-11)
5. States of Matter, Gas Laws, Mixtures and Solutions, Thermochemistry- characteristics of states of matter, atomic and molecular motion in chemical and physical processes, characteristics of mixtures/solutions, and energy's role in chemical reactions (Ch. 12-15)
6. Acids and Bases, Reaction Rates, Chemical Equilibrium- factors and properties thereof (Ch. 17 (part 1), Ch. 18, Ch. 16 (part 1))

Daily Materials

Textbook- *Chemistry: Matter and Change* (provided by teacher, to be kept at home)

2 inch binder and Pencil

Notebook paper and Dividers

Calculator

Access to a computer/internet is needed at home.

Grading Policy

Tests/Essays/Projects 55%

Quizzes 15%

Classwork/Labs 15%

Homework 15%

*There will be opportunities for improvements on grades when appropriate, involving reteaching and reassessing for partial credit.

*Tardiness reflects in classwork grade.

*Highest grade for late work is 75.

*Students should expect up to 4 hours of work completed at home each week.

Grading Scale

90-100 A

80-89 B

74-79 C

70-73 D

Below 70 F

Notebook

Students will keep a notebook which will contain all of their work including notes, quizzes, projects, writing, labs, and homework. The best kind to use for this will be a 2 inch binder. They will keep it organized with dividers that we will set up in class.

Teacher Website

My teacher website will be at the following address: leslieyates.com

This website is a great source for students to look up assignments, access notes and information covered in class, access videos to help with concepts and to keep notebooks organized. I will use e-mail communication with these items as well!

Class Expectations

I expect students to work to their full potential by participating in class and completing all homework. Student behavior should not interfere with anyone else's learning, hurt anyone, or prevent him or herself from being their best. I will commit to communicating home frequently, providing an engaging class, giving students choices where appropriate, and incorporating student feedback for our class. For labs, students MUST FOLLOW ALL SAFETY RULES and will sign a safety contract along with their parents. If safety rules aren't followed, an alternative assignment will be given. **Cell phones** are not allowed. I am sincerely looking forward to teaching chemistry this year, and hope and pray that we all enjoy this learning process!

Tuition: \$80/month for 9 months. \$360 due by the end of August, and \$360 due by the end of January. Check or Venmo: @LeslieYates

Lab Fee: \$75 one time payment. Due in August.

Contact Information

E-mail: Leslieyates11@gmail.com

Parent Signature: _____ **Student Signature:** _____