

COURSE TITLE: **Honors Chemistry**

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### Forsyth County Schools Course Syllabus 2021/2022

**Course Description:** The Chemistry curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to be proficient in chemistry. This curriculum includes more abstract concepts such as the structure of atoms, structure and properties of matter, and the conservation and interaction of energy and matter. Students investigate chemistry concepts through experience in laboratories and field work using the processes of inquiry.

**Standards:** Course Standards can be found at [www.georgiastandards.org](http://www.georgiastandards.org)

**Required Assignments:** This course consists of twelve units. Within each unit students will be expected to complete assigned homework, quizzes, labs, and unit tests. A unit test will be given at the completion of each unit. Formative assessments will be turned in for each unit. Test dates will be announced and posted on the Its Learning planner several days in advance. Laboratory reports, homework, and homework quizzes are daily (formative) grades. Depending on the nature of projects, they will either be a formative or summative grade.

**Required Supplies:** To be successful in this course, there are a few supplies all students need to bring with them **daily**. For this course, they will need a scientific or graphing calculator, composition notebook, binder with dividers, and a pencil pouch containing preferred supplies (pens, pencils, erasers, scissors, glue sticks, colored pencils, ruler, etc.)

**Availability for Extra Help:** Most mornings from 7:45 am - 8:15 am take advantage of instructional flex on even block days.

**Makeup Work:** Makeup work is defined as work assigned during a student's absence, not work assigned prior to an absence. The student has five (5) school days upon returning to school to complete make-up work. The teacher has the discretion to grant a longer period to make up work, if there are extenuating circumstances.

#### Grading Calculations:

**Non-EOC Course Average** = 50% (1<sup>st</sup> Sem. Course Work) + 50% (2<sup>nd</sup> Sem. Course Work)

1<sup>st</sup> and 2<sup>nd</sup> Semester Course Work = 75% Summative + 25% Formative

#### Grading Policy:

A = 90 – 100

B = 80 – 89

C = 70 – 79

Failing = Below 70

*Formative Assessments include, but are not limited to homework, class work, practice tests, rough drafts, and sections of projects/ research papers/presentations.*

*Summative Assessments include, but are not limited to unit tests, final projects, final essays, final research papers, and final presentations.*

**Learning Resources/Textbook(s):** All learning resources, both print and digital, are meant to support and enhance the student learning experience of this class. Below are the names of the textbooks and websites that will be used in this course. Some of the web-based resources require parent permission per federal regulations. Federal laws that guide parent permission requirements are as follows:

- **Children's Internet Protection Act (CIPA):** The school is required by CIPA to have technology measures and policies in place that protect students from harmful materials including those that are obscene and pornographic. Any harmful content contained within inappropriate sites will be blocked. <http://fcc.gov/cqb/consumerfacts/cipa.html>
- **Children's Online Privacy Protection Act (COPPA):** COPPA applies to commercial companies and limits their ability to collect personal information from children under 13 years of age. No personal student information is collected for commercial purposes. <https://www.ftc.gov/tips-advice/business-center/guidance/complying-coppa-frequently-asked-questions-0>
- **Family Educational Rights and Privacy Act (FERPA):** FERPA protects the privacy of student education records and gives parents the right to review records. Under FERPA, schools may disclose directory information in certain circumstances. <http://www2.ed.gov/policy/gen/guid/fpco/ferpa>

Please review the resource list. Each website related to the curriculum resources is provided along with their privacy policies. Should you have any questions regarding these resources immediately contact the course teacher via email or phone.

Name of Resource*	Digital	Privacy Policy
Chemistry: Matter & Change - Glencoe (2008)	<a href="#">Review Only - No Digital Access</a> On-level	<a href="#">Permissions</a>
AP Chemistry - Cengage (2018)	<a href="#">Owl Access</a> Advanced Placement	<a href="#">Permissions</a>
Organic Chemistry - Cengage (2018)	<a href="#">Owl Access</a> College Level	<a href="#">Permissions</a>
OpenStax	<a href="#">Chemistry 2e</a> (Honors)	<a href="#">Terms of Service</a>
Georgia Virtual School	<a href="#">Chemistry</a> On-level	<a href="http://www.gavirtuallearning.org/terms.aspx">http://www.gavirtuallearning.org/terms.aspx</a>
Discovery Education	<a href="#">Classlink Access</a>	<a href="#">Discovery Media</a> Terms of Use
NewsELA Chemistry	<a href="#">Classlink Access</a> CLEVER	<a href="#">NewsELA Privacy Policy</a>
CK-12 FlexBook: Chemistry	<a href="#">Classlink Access</a> CLEVER On-level	<a href="#">CK-12 Terms of Use</a>
Chemistry: Matter & Change - Glencoe Solutions Workbook	It's Learning Access PDF	NA
Georgia Public Broadcasting Streaming Inquiry Labs	GPB <a href="#">Chemistry</a>	<a href="#">GPB</a>

**\* The following resources are county approved. These resources may vary by school due to sequencing, pacing, curriculum design, and/or individual needs of students.**

Parent Initial for Approval **	Name of Resource	Website	Privacy Policy
	FlipGrid	<a href="https://info.flipgrid.com/">https://info.flipgrid.com/</a>	<a href="https://legal.flipgrid.com/privacy.html">https://legal.flipgrid.com/privacy.html</a>
	Khan Academy Chemistry	<a href="#">khanacademy</a>	<a href="#">Privacy Policy</a>
	Youtube (Tyler DeWitt, Crash Course, etc.)	<a href="#">YouTube</a>	<a href="#">community guidelines</a>
	USA Testprep	<a href="#">USA Testprep</a>	<a href="#">Privacy Policy</a>
	Nearpod	<a href="#">Nearpod</a>	<a href="#">Privacy Policy</a>
	CK12	<a href="#">CK12</a>	<a href="#">CK-12 Terms of Use</a>
	PhET	<a href="#">PhET Simulations</a>	<a href="#">Privacy Policy</a>
	Physics Aviary	<a href="https://www.thephysicsaviary.com/">https://www.thephysicsaviary.com/</a>	NA
	GimKit	<a href="https://www.gimkit.com/">https://www.gimkit.com/</a>	<a href="#">Privacy Policy</a>
	Microsoft Teams	<a href="#">Microsoft Teams - Use your forsythk12.org email</a>	<a href="#">Privacy Policy</a>
	Remind	<a href="https://www.remind.com/">https://www.remind.com/</a>	<a href="#">Privacy Policy</a>
	ThingLink	<a href="https://www.thinglink.com/">https://www.thinglink.com/</a>	<a href="#">Privacy Policy</a>

**\*\* The following resources are web-based resources that require parent permission. By signing the syllabus, the parent is approving these resources. Should you have any questions regarding any of these classroom resources, please contact your student's teacher via email.**

I, \_\_\_\_\_, have read this course syllabus and approve of its contents. I agree to allow my student to use each of the classroom resources listed in the learning resource section. I will support my student following the classroom expectations outlined in this course syllabus. I agree that I am the person who is legally allowed to consent for my student whose name is listed below.

\_\_\_\_\_  
Student's Name (Print)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent's Name (Print)

\_\_\_\_\_  
Parent Signature

Initials \_\_\_\_\_ (every page initialed by parent)

Updated June 2020 dp