



## **COURSE SYLLABUS**

### **Chemistry-Honors**

**Teacher: O. Holloway**  
**Room Number: 336**  
**Semesters 1 and 2**  
**Textbook: Chemistry (Glencoe)**

**Phone Number: (404) 802-3100**  
**Email: oholloway@apsk12.org**  
**Tutorial Day: Wednesday**  
**Tutorial Hours: 3:30-4:30 p.m.**  
**Tutorial Location: Room 336**

#### **Course Description:**

This is a two quarter course concentrating on the science of chemistry. This is one of the basics needed for a college preparation track and certain career programs. This course has strong vocational recommendations for persons interested in medicine, pharmacy, dentistry, veterinary science, nursing, engineering, law as well as other developing fields. Chemistry is a laboratory, problem solving course which allows students to investigate and understand the role of chemistry in their lives through the study and analysis of chemical elements, their structure and behavior. This study will include both qualitative and quantitative examination of matter and its various transformations.

#### **Course Content Standards:**

During the first and second semester, students will cover the following standards:

- SC1. Students will analyze the nature of matter and its classifications.
- SC2. Students will relate how the Law of Conservation of Matter is used to determine chemical composition in compounds and chemical reactions.
- SC3. Students will use the modern atomic theory to explain the characteristics of atoms.
- SC4. Students will use the organization of the Periodic Table to predict properties of elements.
- SC5. Students will understand that the rate at which a chemical reaction occurs can be affected by changing concentration, temperature, or pressure and the addition of a catalyst.
- SC6. Students will understand the effects motion of atoms and molecules in chemical and physical processes.
- SC7. Students will characterize the properties that describe solutions and the nature of acids and bases.

#### **Course Outline (Units of Study):**

The following units were developed to address the concepts outlined by the Georgia Performance Standards (GPS):

Unit 1: Finding Order	Unit 2: Finding Patterns
Unit 3: Exploring Change	Unit 4: Exploring Systems

#### **Evaluation and Grading:**

Students will receive feedback from homework, labs, classwork and cooperative learning assignments. Comprehensive exams will be given at the completion of each unit. Quizzes and other assessments will be administered daily/weekly. Progress reports, deficiency notices and final grading reports will be issued according to the school calendar.

Non-EOCT Course Components	Weights
Classwork	25%
Tests	25%
Quizzes	15%
Projects	15%
Lab Investigations/Homework	20%
	<b>100%</b>

100-90	<b>A</b>
89-80	<b>B</b>
79-70	<b>C</b>
69-0	<b>F</b>

**Campus Portal for Parents and Guardians:** Visit <https://ic.apsk12.org/portal> to view class schedules, attendance records and grades. To activate your account, visit the school to receive your login (activation key).

### **Required Materials:**

All work must be completed in blue or black ink unless mathematical computations are necessary. Each student will be required to purchase the following materials:

- 2 notebooks ( 1 three ring binder) and (1 composition book)
- Internet access, pens (black, blue), markers, calculator, and pencils

### **Classroom Code of Conduct**

1. Follow the directions oral and written. This includes adhering to all lab safety precautions as outlined by the procedure and emphasized by the instructor.
2. Be an active learner. Get to class on time and be prepared to learn by bringing ALL of your materials.
3. Keep hands, feet and objects to yourself!
4. No gum, food, drink, head gear or electronic device is permitted during instructional time.
5. Disrespectful behavior which includes improper dress, profanity, verbal and physical outbursts will not be tolerated.

**\*\*\*Late Assignments\*\*\*:** It is important to be a responsible student who meets established deadlines. It is at the discretion of the teachers whether an assignment will be accepted late. If an assignment is accepted late, a letter grade may be deducted for each day the assignment is late. Late is defined as anytime work is submitted **after** the assignment has already been collected.

**\*\*\*Makeup Policy\*\*\*:** Students with an excused absence will be expected to submit missed work on or before the third class period after the absence. Pre-announced assignments are due upon return to school. If the student fails to make up and/or submit missed work, a “M” will be assigned for the work indicating “missing”, and is calculated into the current grade for the course.

**\*\*\* Remediation Policy\*\*\*:** At the teacher’s discretion, students will be encouraged to re-do some assignments. It is the expectation of the teacher that when such assignments are given that the student take advantage of the opportunity to improve his/her grade.

## School-wide Expectations

**MASTERY LEARNING:** With mastery learning, a unit of material is taught, and student understanding is evaluated before students are able to move on to the next unit. Students who have not shown mastery for a particular unit will receive feedback and support in reaching mastery. They may be given practice exercises, study guides, group work or complementary resources to help them improve and achieve mastery. Students who demonstrate mastery of the content for a particular unit are given enrichment exercises like special projects, tasks or academic games to further or broaden their knowledge of the material.

**DEFICIENCY NOTICES:** Parents and guardians are informed when students are making unsatisfactory progress in classes. Poor performance will be reported to parents and guardians as soon as problems are evident. Deficiency reports with plans for remediation will be written for all students making unsatisfactory progress, and parent-guardians conferences must be scheduled. Unsatisfactory grades should never come as a surprise to parents, guardians, or students. Teachers will:

- Contact parents and guardians early in the semester if academic, attendance, or behavioral difficulties are apparent.
- Notify the counselor, SST/RTI Chair, and the academy leader of serious problems that are affecting classroom performance.

**ATHLETIC ELIGIBILITY:** Students wanting to participate in athletic programs governed by the GHSA and extracurricular activities must meet eligibility requirements to participate. The Athletic Director (and the Extracurricular Activities sponsors) will collaborate with teachers to monitor and to identify students in danger of failing courses. All faculty members will be given a master list of students participating in extracurricular activities and athletics under the auspices of the GHSA.

Parent/Student Syllabus Receipt Acknowledgement

It is required that you receive a course syllabus describing course content and requirements. Read and discuss this syllabus with your parents. Please sign, date and return this form.

Date: \_\_\_\_\_

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Student's Name (Print)

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Student's Signature

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Parent's Name (Print)

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Parent's Signature

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Parent Phone Number (Please indicate cell or work)

