

**Chemistry Syllabus 2024-2025**

**Wildwood Middle High School**

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Student Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Parent Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. ***Keys for Success in Science***
2. **Have a positive attitude! I am here to help you succeed, so feel free to ask me for help. I am available before and after school in my room. If you are unclear about something ask. Start studying early. By reviewing each night you are not only helping to prepare for the test more effectively, you are also more prepared for class each day and any quizzes that may be given.**

**Classroom Expectations**

***All behavior will be consistent with the rules of Wildwood Middle High School. These can be found in the students’ handbook. All lab safety rules as stated in the Wildwood Middle High School Lab Safety Rules must be followed. You must sign and return in order to participate in labs.***

**Supplies: *⯏ Science Interactive Folder (-3prong folder with pockets) ⯏ Calculator*** ***( 4 function)***

*-Additional supplies needed: Pencils, pens, highlighters and colored pencils*

### **Grading:**

***Performance (60%)-***Exams, Quizzes, Interactive Notebook, Laboratory activities, and major projects.

***Practice (40%)-***Classwork, Bellwork, and Practice worksheets.

***Major Projects*** –projects will include a handout of details, expectations, and grading rubric.

**Late work policy**: Any late assignments will reflect a grade of 0%.

***Semester examination***--the semester exam in this class is cumulative in content

**Course Description:**

The purpose of Chemistry is to study the composition, properties and changes associated with matter and their applications to real life.

**Course Content:**

* The Nature of Science – Science research project
* Matter: classification, structure and changes, Energy
* Atoms: atomic theory, structure, configuration
* Periodic Table
* Chemical Formulas, reactions, compounds, equations
* Stoichiometry
* Gases: behaviors, laws
* Acids & bases
* Rates of Reaction, oxidation, reduction, equilibrium
* Nuclear Chemistry

***Other Important Information:***

* ***Attendance is extremely important. If you are absent it is your responsibility to look at teams for your missing work.***

***You have one day for each excused absence to make up work. If you are absent on a test day or project due date you will be expected to take the test the next day you return and also turn in projects.***

* ***cell phones are to be turned off and in your bag. Not on your person.***

***Backpacks and bags are to be placed on the back lab table.***

* ***Leaving Class: You cannot leave class for any reason other than to go to the restroom or if you are called out. Only one person out at a time. You must use smart pass on the computer to log out. You must show me your pass on the computer before leaving the room. Cell phone must not be on you. It must stay in your backpack.***
* ***During Class:*** -***Success in all courses is more often determined by your attitude and work ethic, rather than your ability; therefore, I expect everyone to have a positive attitude and be willing to work for the entire class time (Bell to Bell). Be an active participant in the learning process.***

-***Cooperative group work will be done on a daily basis. You are expected to work cooperatively with all group members and actively participate. Know your role. You will be graded on your role in the*** ***group.***

* ***We work bell to bell.***

**DO NOT LINE UP AT THE DOOR!**

**Objectives/Goals:**

● Teach students practical scientific skills, which they can use to investigate, study and explain the world around them.

● Give students a deeper understanding of the how Life Science affects their daily lives.

● For each student to be successful in completion of this course.

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