

Chemistry
Guthrie High School
Mrs. Jennifer O'Neill

Science is not only an educational discipline and rapidly increasing body of factual knowledge, but science is a method, and approach to solving problems that is essential to daily living. It is with this definition in mind that the Guthrie science faculties have developed chemistry objectives that will:

1. Provide the student with a broad base of chemistry knowledge.
2. Correlate daily classroom activities with real life situations, thereby making chemistry relevant to students.
3. Teach practical organizational skills.
4. Encourage students to practice independent thinking skills.

An inquiry-base instructional strategy will be used. A variety of assessment methods will be used, such as written and oral exams, participation in the group activities, project products, written work, traditional tests and laboratory experiences.

Main units to be studied this year include: the study of matter, chemical reactions, atomic theory, periodic table, gas laws and acids/bases. The textbook for this course is Chemistry, Concepts and Applications, Glencoe Science. Supplemental materials such as National Geographic and Popular Science as well as the internet may be used as resources for lessons. Videos from Guthrie Public Schools will be used as well.

A successful year in Chemistry will require completing all daily assignments and readings, preparing for tests and keeping and organized notebook. The organizing and maintaining of a notebook is not only a worthwhile study habit to cultivate, but an essential part of the study of science. Students need to bring their science notebook, pen, pencil and scientific calculator to class each day.

Students who will be absent from class due to a school function should make arrangements to get assignments before the absence. Any missed assignments because of a school function are due the day the student returns to class. Students who are absent due to illness, etc... will be given time in accordance with school policy to accomplish make-up work. Please remember, it is the **student's** responsibility to get any missed assignments or notes, and to make arrangements with me to make up any in class work. Excessive absences in this class will result in a low grade. It is very difficult to learn much of chemistry from a book. Class time is essential.

Student's grade will be assessed as follows:

Tests will be worth 100-200 pts

Quizzes will be worth 50-75 pts

Daily assignments will be worth 15-25 points

Lab assignments will be worth 15-25 point

****As you can see, the majority of your grade will be tests and quizzes. Quizzes will usually be given weekly to check for understanding.**

Please remember these few classroom procedures

1. Do not keep me from teaching.
2. Do not interfere with another students learning.
3. Any behavior that works against the best interest of the whole class or could damage equipment will not be tolerated.
4. No food or drinks are allowed in the classroom during lab.
5. Cleaning up after your self is a **MUST!!!!**
6. Cell phones may not be used in class

Supply list:

1. Notebook, paper and pencil
2. Scientific calculator (Walmart \$7 - *****may not use phone as calculator*****)
3. 1 roll of paper towels (turned in to me by 8/24)
4. 1 package of colored pencils (turned in to me by 8/24 marked with your name & hour)

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