

6th Grade Chemistry Course Information
Clinton Owner
2018-2019

The official syllabus will be distributed later in the month.
The following information will help you get started in the meantime.

Contact Information:

Email: clinton.owner@basised.com

Course Homepage: www.tucsonkestrel.com

Student Hours: Tuesday, 2:55-3:55, in Chem 3

Parent Appointments: Scheduled upon request.

Course Description:

This course introduces the fundamental tools, knowledge and perspectives of a modern chemist. We will actively engage the lab to study matter, elements, compounds, atomic theory and the periodic table. Students will be challenged to understand the world at its foundational level and in doing so they will develop many skills in science and mathematics.

Materials:

Students Must have:

3 ring binder - *Contents should be removed and filed after pre-comprehensive exams.*

3 Sections in the binder labeled:

-“Assignments”

-“Notes”

-“Assessments”

Loose-leaf notebook paper

Spiral or Composition Notebook

Pencils, Colored pens

Low-odor dry erase markers

Cloth or fabric to use as eraser for slates

Splash Goggles

Texas Instrument TI-30 IIS calculator (or similar scientific calculator)

Textbook:

World of Chemistry by Zumdahl/Zumdahl/DeCoste

A copy of this textbook will be available for each student for in-class use only. A digital copy of the text can be found on the course website. Materials that are needed beyond the class time will be xeroxed.

Grading Policy:

Final grades after 5 grading periods are:

50% Average of 1-5 Grading Periods. For each grading period:

1. 70% Exams and Quizzes
2. 30% Homework, Lab, Projects, Communication Journal, Participation
 - 100% for complete, on-time work
 - 50% for complete, late work
3. Pre-Comprehensive Exams make up 50% of GP3 grade

50% Comprehensive Exams

Attendance:

Regular attendance is necessary for success in this course. When students are absent it is their responsibility to follow the homework buddy procedures described in the Parent-Student Handbook to obtain missed materials. Many assignments will be posted on our course homepage. Additionally, video lectures will be available to prevent students from falling behind as a result of absence. You can find these video lectures at the course homepage.

Topic Tree

- | | |
|-------------------------|---------------------------|
| 1. Laboratory | 4. Chemical Bonding |
| A. Safety | A. Ionic Bonding |
| B. Measurement | B. Covalent Bonding |
| 2. Properties of Matter | C. Metallic Bonding |
| A. Types of Matter | 5. Conservation of Matter |
| B. States of Matter | A. Changes of State |
| C. Measuring Properties | B. Chemical Reactions |
| D. Physical Properties | C. Types of Reactions |
| E. Chemical Properties | D. Moles |
| 3. Structure of Matter | E. Stoichiometry |
| A. Models of the Atom | |
| B. Subatomic Particles | |
| C. Periodic Table | |

Dear Parent/Guardian and Student,

After reading the syllabus please sign below. Your signature affirms that you understand the syllabus, that you are aware that THERE IS A COURSE WEBSITE and that you know how to contact me.

A good education is best achieved when students, families and teachers all work together. To do that it is necessary to maintain our respective responsibilities. Your signature below also affirms that you understand your responsibility.

Student Name (printed): _____ Group: _____

Student Signature: _____

Parent/Guardian Name (printed): _____

Parent/Guardian Signature: _____

Parent/Guardian Email: _____

Best Number to Reach Parent/Guardian: _____

Best Time to Call: _____