

# Chemistry

Parkway South High

8/16/2017

Unit I (Chapters 4 & 5)

## *College Preparatory Chemistry*

As a student you will be studying all of the material that is common for a high school chemistry course including but not exclusively atoms, bonding, reactions, stoichiometry, gas laws, thermochemistry, solutions, acid-base, etc. The primary textbook used is Chemistry by Glencoe. It is critical that each student be fully engaged in activities and complete all assignments online, reading, completion, etc. A student will need to link new concepts to past ideas and work to develop a “big picture” for the relationships taught in chemistry throughout the school year. Every unit of study builds on the past and sets a stage for future concepts.

## Grades (Weighted)

Daily Homework	15%
Laboratory work and projects	35%
Tests and Quizzes	35%
Final Exam	15%

Grades are earned by completing the assigned work and demonstrating knowledge and skill on assessments. The points earned divided by the points possible will determine the letter grade assigned at the end of terms and semesters.

The traditional high school grading scale as posted in Infinite Campus will be used for this course. All assignments will be weighted (see detail above).

*You are encouraged to take responsibility for your learning and communicate immediately if there are concerns about any topic, formula, skill, or the pace of this course. You are expected to be in class every day on time with the necessary materials and be an active engaged learner.*

## *Unit I History and Structure of the Atom*



### Essential Questions:

1. How can the structure of an atom and/or ion be described?
2. How has the atomic model developed over time?

### What will each student do to develop answers to these questions?

Pre-Assessment, Daily Homework including: reading, bullet notes, practice problems, worksheets, etc., Formative Assessments, Demonstrations, Videos, Virtual and Bench Laboratory Experiments, Review Guide, and Summative Assessment.

**Daily Homework:** Points earned by attempting or demonstrating knowledge and skills on quizzes.\*\*\*

**Laboratory Work and Projects:** Points earned by meeting the described expectations (lab report format or rubric on projects).

**Tests and Quizzes:** Points earned by demonstrating the requested skills, knowledge, and understanding.

\*\*\* Retakes on a unit summative test are available to all students, but the student must have all of the homework or additional

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Hello I am Mrs. Susan Scott and things you should know about me include: I am a life-long learner, I learn by reading, listening, watching, and experiencing just like you. I have taught for over thirty years and have been at Parkway South High for the last fifteen years. I have an undergraduate degree from the University of Missouri-Columbia, a graduate degree from Webster University, and I earned National Board Certification in 2014. My teaching philosophy is that all students can learn when there is safe, honest, and open communication. It begins with clear expectations, excellent attendance, active engagement in learning from bell to bell, and asking questions (this is for teacher and students). I want every student to be successful and learn each day in my class, which requires a partnership of respect and responsibility between the teacher, students, and parent(s). It is important to have an open line of communication that facilitates the best learning environment for each person in the class so below you will find my contact information.

e-mail: [sscott@parkwayschools.net](mailto:sscott@parkwayschools.net)

work phone: 314-415-5782

messages through online resources

Prep Periods: 1<sup>st</sup> Block (Red Day) and 8<sup>th</sup> Block (Blue Day)

I currently teach: General Chemistry, Concepts of Chemistry, and Advanced Placement (AP) Chemistry. Students should use my webpage to keep up on assignments and activities for the course. Academic Lab time (4<sup>th</sup> Block Blue Day) and after school would be times when students could come for extra help or practice.

*We do not know that much about each other, but  
we do know that each one of us has a past, a  
current life, and dreams and goals for the future so  
in this classroom let's be nice and refuse to  
make victims just to be funny.*