



2019 – 2020 Course Outline and Guidelines

Regents Chemistry

Peekskill High School Science Department
Mrs. Venturini

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This is a challenging college preparatory Regents level course that analyzes the structure of matter and how atoms and molecules behave and interact. It requires good study skills and a commitment to doing your homework, studying your notes, and coming to class on time and ready to learn and participate in class. Chemistry is a laboratory science. As a requirement of the course and to be eligible to take the chemistry regents, you must successfully complete 1200 minutes of laboratory study.

Chemistry Supply List

1 – 2 inch 3-ring binder with looseleaf paper

1 - 3 pens (**blue ink**)

Scientific Calculator (**non-graphing**)

1 - 3 sharpened #2 pencils (**no mechanical pencils**)

Chemistry Reference Tables

Class Expectations

- 1) Be punctual. (Be in your seat ready to work before the late bell rings.)
- 2) Be prepared. (Binder, Review Guide, pen/pencil, HW, Reference Tables and calculator on desk.)
- 3) Be respectful. (Raise hand, speak only when prompted, leave desk area neat and clean.)
- 4) Be responsible. (Make up missed work when absent, exhibit self control, make good choices.)
- 5) Be attentive. (Stay on task during class, don't miss a beat.)
- 6) **ABSOLUTELY NO EATING OR DRINKING IN THE CHEMISTRY LABORATORY.**
- 7) **ABSOLUTELY NO PLAYING AROUND IN THE CHEMISTRY LABORATORY.**
- 8) **ABSOLUTELY NO CHARGING OR USING YOUR CELL PHONE (ELECTRONIC DEVICES) IN THE CHEMISTRY LABORATORY UNLESS IT IS PART OF AN ACTIVITY.**

Grading

45% Assessments (Tests, Quizzes, Quets, TakeHome) (Always announced.)

35% Laboratory (Credit for meeting **all** Class Expectations, being safe, and completing lab work.)

10% Homework (Credit for homework completed on or before due date. Late HW will lose points.)

10% Classwork (Credit for meeting **all** Class Expectations.)

ABSENCES (planned/unplanned, due to illness, family emergency, trips, etc.): It is the student's responsibility to make arrangements to obtain and submit any missed work due to an absence.

Homework is to be submitted before a planned absence or upon the student's return to school.

Tests may be taken before a planned absence or taken two days after a student returns to school from an absence.

If the test is not taken upon the student's return to school and arrangements are not made upon a student's return to school, the test grade will be entered into the grade book as a zero (0).

Quizzes cannot be made up; a quiz may be taken before a planned absence.

Call Back Sessions will be held from 2:46 pm until 3:00 pm in room 103.

Topics taught for the Chemistry Regents Exam

- I. Math Fundamentals
- II. Atom
- III. Periodic Table
- IV. Moles and Stoichiometry
- V. Chemical Bonding
- VI. Physical Behavior of Matter
- VII. Kinetics and Equilibrium
- VIII. Organic Chemistry
- IX. Oxidation-Reduction
- X. Acids, Bases and Salts
- XI. Nuclear Chemistry
- XII. Laboratory Skills

Laboratory Requirements:

Critical to understanding science concepts is the use of scientific inquiry to develop explanations of natural phenomena. Therefore, as a prerequisite for admission to the Regents examination in the Living Environment, **students must have successfully completed 1200 minutes of laboratory** experience with satisfactory work for each laboratory investigation.

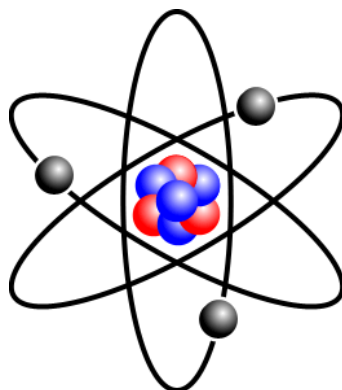
Overview of the Chemistry Regents Test

The Chemistry Regents exam is a 3-hour long test which has 3 parts:

Part A - Multiple Choice Select the one best answer for each question. Part A tests basic knowledge and comprehension of the core chemistry concepts.

Part B - Multiple Choice and Constructed Response The multiple choice questions of Part B assess your ability to analyze chemistry situations and to apply your knowledge. You must write the answer for each constructed-response question. The section tests your ability to draw and interpret graphs and perform numerical calculations.

Part C - Extended Constructed Response You must write the answers for each question in Part C. The questions test your ability to apply chemistry concepts and skills. Each question should be answered using complete sentences.



Name _____

Chemistry Regents Class Period _____

**Mrs. Venturini's Course Outline and Guidelines
Parent/Guardian Form**

Greetings,

Get ready for an exciting year! Regents Chemistry is a learning-rich and dynamic course that will engage and challenge your child. He/she will be asked to think like a scientist and grow as a learner. Some students struggle at first with chemistry because it is more difficult, abstract, and math-oriented than the Living Environment course, but don't worry! I'm always available to provide extra help and resources.

Chemistry is a laboratory science. As a requirement of the course and to be eligible to take the chemistry regents, you must successfully complete 1200 minutes of laboratory study.

Please feel free to contact me anytime with questions or concerns (email is the best way to reach me.) I promise to do my very best this year to support your child and you! I look forward to working with you.

Primary Parent/Guardian Contact:

Name: _____ Relationship to child: _____

Primary email: _____

Daytime phone: _____ Evening phone: _____

Secondary Parent/Guardian Contact:

Name: _____ Relationship to child: _____

Primary email: _____

Daytime phone: _____ Evening phone: _____

1. I have read **Mrs. Venturini's Outline and Guidelines**: Yes No

2. We have a computer and internet access in our home: Yes No

3. What are your child's strengths? _____

4. Please complete this statement: "My child struggles with..." _____

5. Please describe your child as a learner. _____

6. Is there anything else about your child that you'd like to share about your child? _____

***This is a HW assignment and is to be returned to
Mrs. Venturini on Wednesday, September 11, 2019 for credit.***

