

**PS Chemistry Regents**  
**Course Code: S541 and S541L**  
**Mrs. Angelo**  
**2021-2022**

**Course Description:**

**PHYSICAL SETTING - CHEMISTRY**

Code: S541 Full Year (10, 11) (1 Credit) (rank weight 1.00)

Prerequisite: Average of 75 or Better in a Regents Science Course. Successful Completion of Geometry and Concurrently Enrolled in Algebra 2 and Trigonometry. Students enrolled in 2N need permission from the district coordinator.

**TEXTBOOK:** Buthelezi, Thandi. New York Chemistry: Matter and Change. Columbus, OH: Glencoe/McGraw-Hill, 2009.

Regents Chemistry is an introductory course, which covers the fundamental topics of chemistry. Some of the topics included are: chemical bonding, acids and bases, the gas laws, stoichiometry, and electrochemistry. A more comprehensive list of topics to be covered is attached and can also be found in the WCSD course handbook. The objectives of this course are to have students attain an understanding of chemical principles and to demonstrate competence in solving chemical problems.

**The Goals of this Course:**

1. To learn about chemical principles and apply them to real world problems.
2. To develop and improve laboratory skills and techniques.
3. To develop and enhance general problem-solving skills.
4. To prepare to pass the NYS Regents Exam in Chemistry.

**Grading:** All tests, quizzes, homework and labs are assigned a certain number of points. Each student's grade is calculated by dividing the number of points earned by the number of points possible. The percentage of points (weight factors) for each quarter breaks down to approximately:

Tests - 55%

Quizzes - 20%

Labs - 15%

Homework/Classwork - 10%

The final average will be an average of all four marking periods and the NYS Regents exam grade. The NYS Regents exam in Chemistry counts as a 5th quarter grade.

1. **Tests** – Major unit exams will be announced in advance. They are usually given at the completion of each major unit or chapter in the textbook. A list of test objectives will be provided for each unit to be used as a study guide.
2. **Quizzes** – Quizzes may be based on homework, class work and lab work. Quizzes may or may not be announced in advance.
3. **Labs** – Each student must submit a written lab report for each laboratory exercise done in class. These reports will be graded. The specific format and grading rubric for all reports will be provided.

4. **Homework** – Homework will be assigned regularly and will be checked the next day at the beginning of class. If an assignment is to be graded, it will be collected at the beginning of class on the day it is due. **Late homework will be heavily penalized and will not be accepted after it has been reviewed in class.**
5. **Class work** – Class work may or may not be collected and graded. Graded class work will be included in the 10% homework average. Since quizzes and tests are based on class discussion, lab work, and notes taken in class, all assessments may reflect the work done in class as well as at home.

**All due dates for tests, labs, and assignments will be announced and posted on Google Classroom.**

**Late Work: Late work will receive a maximum grade of 65%**

**Materials/Requirements:**

- 3 Ring Binder- preferably just for chemistry
  - Loose leaf paper
  - Pocket folder
  - Chemistry Reference Tables - will be issued to you. Do not lose this!
  - Scientific Calculator brought to class everyday (non-programmable/graphing)
  - Pens (blue or black) & Pencils
1. Each student should have a separate notebook for chemistry, a three ring binder with plenty of looseleaf paper. It is also recommended that each student have a **scientific calculator** which should be brought to class each day.
  2. Students are expected to come to class physically and mentally prepared to work. **This includes arriving on time with notebooks, hw, pens, pencils, calculators and reference tables.**
  3. Each student is required to prepare a written lab report for each laboratory exercise. The requirements for lab reports are described in a separate handout.  
**\*\*It should be noted that any student who does not complete the required number of lab hours will be barred from taking the Regents exam in June.\*\***
  4. **It is recommended that students spend time daily studying chemistry.** This may include reviewing notes, solving problems, or reading the text. Remember, it's easier to keep up than to catch up!
  5. **ATTENDANCE - In order to be successful in Regents Chemistry, students must attend class regularly.** Students are responsible to obtain and complete all work missed during their absences. This includes **labs**, which **can only be made up after school on the assigned day.** All missed work should be made up with the same number of days as was the absence period (ie. if a student is **legally absent** for two days, any missed work needs to be completed within two days of the student's return). Any work not made up may result in a zero for that work.  
If a student is absent one day before a test, he or she is expected to take the test on the scheduled day, as tests are announced in advance. If a student is absent on the day of a test, he or she will be **allowed to make up the test on the day of their return only if documentation of a legal absence is provided. Any graded assessment missed due to an unlawful absence or tardy will result in a grade of 0 for that quiz or test.**

6. CELL PHONES/ELECTRONIC DEVICES – In order to avoid disruptions to academic learning, all **cell phones must be turned off and put away** (in a backpack, handbag, etc.) **during class time per the Code of Conduct**. Cell phones are not to be used or visible in the classroom. **Cell phones are only to be used for academic learning activities at the discretion of the teacher**; unauthorized cell phone usage will result in a grade of zero for that day, and parent contact followed by a written referral if the behavior continues. Students who take out their cell phone at any time during a test or a quiz will be given a grade of zero - no exceptions.

### **Class Expectations:**

- 1) Be punctual. (Be in your seat ready to work before the late bell rings.)
- 2) Be prepared. (Binder, 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 for missed work when absent, exhibit self control, and make good choices.)
- 5) Be attentive. (Stay on task during class, don't miss a beat.)
- 6) Be cooperative and mindful of following directions especially while in the lab setting, safety comes first.
- 7) Be participative. Everyone is expected to share their thoughts and questions freely in a constructive manner. Participation is an essential part of the learning process. The sharper we can articulate our thoughts the deeper our understanding.

### **Student and Parent Resources:**

1. EXTRA HELP- Be sure to ask questions when you don't understand something -- you are probably not alone! I am here to help. I will set up regular after school help hours at the beginning of the school year. Extra help times will be announced in class, and there will be a sign up sheet in Google Classroom. Remember, Mrs. A. is just an email away.
2. WEBSITE - My website can be found on the RCK Homepage under the teacher links. Here you will find other important announcements and documents.
3. GOOGLE CLASSROOM - We will be using Google Classroom as the main platform for student assignments and information. Students are expected to join the classroom within the first two days of school. The homework and assessment calendar as well as links to many helpful resources (PowerPt. lessons) will be posted here.

### **Academic Dishonesty:**

- **It is important for all students to take ownership of their own work and not someone else's.**
- Some examples include: copying from another student's work; working in a group and sharing answers for an **individual** assignment; turning in work that was completed, in part or whole, by someone other than the student (this includes individual final lab reports submitted for grading); using a "cheat sheet" for assessments, copying from a neighbor, or 'googling' answers on your phone, submitting any written assignment as your own work when it was not generated completely by yourself without approved outside, documented, resources.

### Parent/Teacher Communication:

Normally parent contact is accomplished through the usual channels, the mid-quarter progress reports and the quarterly report cards. I send progress reports home with my students approximately 3-4 times per quarter. Should you need to contact me for any reason, the most efficient way is to do so by email at: [Sylvia.Angelo@wcsdny.org](mailto:Sylvia.Angelo@wcsdny.org)

I can also be reached at school at (845) 298-5100 X 31070. Please leave a message, including a number where you may be reached, and I will contact you as soon as possible. **Success of your son/daughter is important to me.** I encourage and look forward to your involvement in his/her education. Please feel free to contact me at any time with any questions or concerns you may have.

# CHEM - IS - TRY

*Do the very best that you can. Yes, you will make mistakes but that is all part of the learning process. Let's work together and make this a fun and enjoyable experience for everyone!*

## **Students:**

***By signing this you, the student, are acknowledging that you have read, discussed together, understand and agree to abide by ALL the expectations (including the Academic Dishonesty examples) outlined in the Regents Chemistry Syllabus for the 2021-2022 school year.***

\_\_\_\_\_  
Student Name - please print

\_\_\_\_\_  
Period

\_\_\_\_\_  
Date

\_\_\_\_\_  
Student's Signature

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## **Parents:**

**By signing this you are acknowledging that you understand ALL the expectations (including the Academic Dishonesty examples) outlined in the Regents Chemistry Syllabus for the 2021-2022 school year.**

\_\_\_\_\_  
Parent/Guardian Name - please print

\_\_\_\_\_  
Parent Phone Number

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Date

**\* Parent e-mail address: [include below if you wish to receive Ketcham Chem class e-mails]**

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(please, PRINT **LEGIBLY**)