

Monroe High School  
164 Alexander Street  
Rochester, New York 14607  
585-232-1530

Teacher: Natasha Bell

Voice Mail Box: 3220

Subject: Regent's Chemistry

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Classroom/ Lab: Room 322 / 324

**Course Description:**

Students will understand and apply scientific concepts, principles, and theories pertaining to the physical setting and living environment and recognize the historical development of ideas in chemistry.

**Requirements to Succeed in the course:**

- ☐ Meet or exceed the district's attendance requirements
- ☐ Study course material & complete assignments
- ☐ Pen / Pencil
- ☐ 2-inch 3 ring binder (for chemistry only)
- ☐ Loose leaf paper (at least 100 sheets)
- ☐ Scientific calculator

**Grading System:**

<u>LETTER GRADE</u>	<u>PERCENT RANGE</u>	<u>GRADE POINT AVERAGE (GPA)</u>
A+	95-100%	3.75-4.0
A	90-94%	3.50-3.74
B+	85-89%	3.25-3.49
B	80-84%	3.00-3.24
C+	75-79%	2.51-2.99
C	70-74%	2.00-2.50
D	65-69%	1.00-1.59
F	<65	<1.00

Marking period Grade

20%= Classwork

10% = Homework

20%= Completed Labwork and Lab Reports

20%= Quizzes

20%= Unit Tests / Exams

10%= Mini-Projects / Papers

Final Grade

75% = Average of the marking period grades (summary grade)

25% = final exam grade

**Homework Information:** Students must turn in assignments when they are due. Some late assignments will not be accepted, and others will only be accepted with a written legal excuse if they meet the district's guidelines and policies for the completion of make-up work.

**Title of textbook and other materials to be used:**

- Holt Chemistry: The Physical Setting (2005)
- Workbooks, CDs and websites related to textbook and Regents Chemistry curriculum
- NYSED Reference Tables for Physical Setting / Chemistry 2002 Edition

**Other Important Information:**

**Regents' Science Lab requirements**

All New York State Regents science courses have lab requirements that must be fulfilled before students are eligible for the final exam. **Students must participate in at least 1200 minutes of laboratory activities with satisfactory lab reports.** Students who do not meet the requirements cannot take the final exam, will automatically receive a grade of "F" and will not be eligible to take the course in summer school.

**Course Timeline:**

TOPICS	MAJOR UNDERSTANDINGS	NUMBER OF WEEKS
<b>FIRST SEMESTER</b>		
Inquiry Skills	Standards 1, 2, 6 and 7	Integrated
Physical Behavior of Matter	V.1 – V.24	5
Atomic Structure	I.1 – I.13	3
Nuclear Chemistry	X.1 – X.11	2
Periodic Table	II.1 – II.9	2
Bonding	IV.1 – IV.13	4
<b>SECOND SEMESTER</b>		
Moles / Stoichiometry	III.1 – III.8	3
Kinetics / Equilibrium	VI.1 – VI.10	4
Acids and Bases	IX.1 – IX.9	3
Redox and Electrochemistry	VIII.1 – VIII.10	3
Organic Chemistry	VII.1 – VII.6	3