

Chemistry I Syllabus

Edward Bowen EdS

Course Outcome

Course Description:

Chemistry is the study of matter and the changes it undergoes. This course is designed to improve the student's literacy in chemistry, to prepare the student to take college chemistry, and to prepare the student for the chemistry end of course assessment required by the state.

Hyperlink to state standards:

Instruction

Topics to be covered:

The topics are designed to master the state standards. Refer to the state standards for more precise descriptions.

1. Embedded Inquiry.
2. Embedded Technology and Engineering
3. Atomic Structure
4. Matter and Energy
5. Interactions of Matter

General Pacing:

The course content will be covered in chapters 2 – 14 of the Chemistry textbook, certain concepts will be introduced as early as possible, so that the student has more time to master the concept. Early overviews will be provided to enhance mastery.

Materials needed:

Textbook, paper, pen, and calculator. Occasional home projects may be required.

Fees: None

Resources:

Textbook, Videos that support the topics by brightstorm.com

Safety Procedures: proper lab safety is required.

Assessment

Expectations: The student is expected to master the state standards that relate to chemistry.

Grading policy

Chapter Tests 25% of term grade

Nine weeks Test/EOC 25% of term grade

Homework 10% of term grade

Quizzes/Daily Grades 15% of term grade

Labs/ Projects 15% of term grade

Interactive Notebook 10% of term grade

Make Up Work Policy. The student will be allowed to take tests at least twice. The high grade will be used. If the student misses a test he will have to wait for the second opportunity to take the test.

The teacher makes the commitment to grade work quickly, so the student can master missed concepts.

General Expectations

Attendance: The county attendance policy will be in effect. The student with good attendance will be rewarded with extra grade opportunities.

Honor Code: If the student is caught cheating, or allowing someone to cheat from them, they will be given a zero for the grade that can not be dropped.

Communication Strategy:

The teacher will return calls after work. Call the office and have a note left in the teacher's mailbox. Parents are encouraged to attend parent teacher conferences.

Physics Syllabus

Edward Bowen EdS.

Course Outcome

Course Description:

Physics is a branch of science that involves the study of the physical world: energy, matter and how they are related.

Hyperlink to state standards:

Instruction

Topics to be covered:

The topics are designed to master the state standards. Refer to the state standards for more precise descriptions.

1. Embedded Inquiry.
2. Embedded Technology and Engineering
3. Embedded Mathematics
4. Mechanics
5. Thermodynamics
6. Waves
7. Optics
8. Electricity and Magnetism
9. Nuclear Physics

General Pacing:

The course content will range through the textbook; certain concepts will be introduced as early as possible, so that the student has more time to master the concept. Early overviews will be provided to enhance mastery.

Materials needed:

The student will need a textbook, paper, pen and calculator. Occasional home projects may be required.

Fees: None

Physical Science Syllabus
2016-2017 School Year

Course Description: Physical Science

Recommended pre-requisites: None

Physical Science is a laboratory science which will introduce students to the basic concepts of the Earth Sciences. Physical Science's primary emphasis will be to provide students with a composite of abbreviated concepts in order to prepare students for Physics and Chemistry. This course will consist of one semester of Physics concepts in the fall, followed by one semester of Chemistry concepts in the spring semester.

Additional Information can be found at: <http://www.tn.gov/education/ci/sci/index.shtml>

Materials Needed:

1 Notebook (Spiral Preferred)	Loose Leaf Paper
Colored Pencils	Pocketed Folder with Clips
Pens/Pencils	Highlighter

Topics Covered:

1	Energy and Motion	4	The Nature of Matter
2	Electricity and Energy Resources	5	Diversity of Matter
3	Energy on the Move	6	Interactions of Matter

Grade Calculation:

25%	Tests	25%	9 Weeks Exam
15%	Daily Work	15%	Labs / Projects
10%	Notebook	10%	Homework

General Expectations:

Classroom Rules:

1	Be Respectful
2	Be On Time
3	Be Prepared
4	Always Follow Directions

Classroom Discipline:

1	Demerit + Verbal Warning	
2	Demerit + Personal Conference	
3	Demerit + Loss of Privilege	
4	Demerit + Additional Assignment	(Referral to Guidance Office)
5	Demerit + Parental Contact	(Referral to Interventionalist)
6	Office Discipline Referral	

Student Name

Parent Name

Student E-mail

Parent E-mail

Return this Signed Form for a Homework Grade by August 12, 2016