**James Madison Preparatory School**

**11th Grade Chemistry Syllabus**

**Teacher:** Dr. Quigley

**Email:**  mquigley@jamesmadisonprep.net, mquigley@madisonprep.org

**Classroom:** High School Science Room (306)

**Textbooks:** Chemistry: The Central Science 10th Ed. by Brown, LeMay and Bursten

 Glencoe Physical Science 2017 by McLaughlin, Thompson, and Zike

**Required Materials:** Textbook, notebook for lecture notes, pen (blue or black ink), pencil, and planner.

**Course Description:** In addition to meeting the Arizona State Standards for Physical Science, this courseintroduces students to concepts in chemistry with the goal of preparing students for success in a college chemistry class. Topics to be covered include the classification of matter, properties of atoms, the periodic table, chemical bonds, chemical reactions, chemical equilibrium, nuclear reactions, and the quantum mechanical view of the atom.

**Classroom Rules:**

* You must abide by the rules and regulations of James Madison Preparatory School as stated in the Family Handbook.
* The James Madison Preparatory School Code of Conduct will be enforced at all times.
* You must learn and abide by all Laboratory safety rules. Violation of rules will result in your removal from class and a Health/Safety ticket will be issued.
* No food or drink is allowed in the lab room. Water bottles are permitted.
* You must remain silent unless answering a question or making a comment. If you have a question or comment for the class, you must raise your hand and wait until you are recognized by the teacher.
* If you need to be excused from class, you must raise your hand and wait until you are recognized. Only one student is allowed out of the class at a time. If you are leaving for the restroom, sign the restroom log and take the restroom pass that is hanging next to the door.
* You are expected to pay attention throughout the entire class period and to actively take notes.
* Sleeping students will be woken. Sleeping is a disruption in the classroom.
* Disruptive behavior will not be tolerated. If disruptive behavior continues you will be removed from class and disciplinary action will be taken.
* Tardiness: You are expected to be in your seat and ready to work when class begins. If you enter the classroom after class has begun, you must have a tardy pass. You must present the tardy pass to the teacher upon entering the classroom. If you do not have a tardy pass the tardy will be marked on the attendance sheet as unexcused and you will be issued an unexcused tardy ticket.
* If you are tardy for class and it is unexcused or are removed from class for disciplinary reasons, you will receive no credit for the work that is missed, including quizzes and tests, and you will miss all in-class assignments, announcements, and lessons.
* Unless otherwise instructed by the teacher, all assignments must be turned in at the beginning of the class on the day they are due. Assignments not turned in at the beginning of the class period will be considered late and late assignments receive zero credit.
* Short Term Absences: If you are absent from class, it is your responsibility to see the teacher for makeup work and to get that makeup work turned in on time. You are given one day for each day absent to complete makeup work or take makeup exams. Any long-term absences will be dealt with in a case-by-case basis.
* Missing a class period due to illness is not an excuse for turning in a long-term assignment late. If you are going to be absent, you must have a fellow student or parent bring your assignment to school or you may email the classwork to me.
* You are expected to be respectful and courteous toward the teacher and toward your fellow classmates. Treat others as you expect to be treated.

**Daily Routine:**

* Take your seat and remove your classwork, writing utensils, and notebook from your backpack. Place the backpack on the floor or on the tree outside the door.
* In your notebook, complete the warm-up exercise that is posted on the board.
* After I clarify any questions regarding the classwork, we will grade them as a class.
* On the top of your classwork page write the number of points you earned over the maximum number of points possible.
* When I call your name, report your classwork grade to me.
* I will lecture for approximately 20 minutes over the next section or topic. Take notes while I lecture.
* Work quietly on your next assignment or assigned activity for the remainder of the class period.

**Tutorial Help:**

 Tutorial help is always available during study hall. You should get a tutoring pass from me as soon as you need help. Do Not Wait Until the Day Before the Exam!!! You may also arrange a time after school if you do not have time during study hall.

 If you have a D or less in class, you should schedule tutoring times with me.

**Grading:**

Your trimester final grade will be determined according to the criteria given below. The value of each category towards your final grade is given as a percentage.

# Daily Classwork: Weight – 10%

Daily classwork assignments will consist of a text reading, a review worksheet and/or end of chapter exercises. The classwork is due at the beginning of the next class session. Follow the attached Classwork Format for your daily classwork assignments. You will have time at the end of class to work on the classwork assignment(s).

# Weekly Quizzes: Weight – 20%

 Unless otherwise stated, the material for the quizzes will come from the textbook reading assignments and classwork assignments. The quizzes are generally not announced ahead of time.

# Chapter Tests: Weight – 20%

 At the completion of each chapter, you will take a test covering the material in the text plus any additional material presented in class, in labs, or covered in handouts.

# Final Exam: Weight – 20%

At the end of each trimester there will be a week of final exams. During this time, you will take a comprehensive final exam over all the material covered up to that point in the year.

# Laboratory Reports: Weight – 15%

 Every student is expected to participate in each laboratory activity and to write a lab report or complete a lab worksheet.

# Trimester Major Project: Weight – 15%

 The major project will consist of a research paper. Detailed instructions and a grading rubric are given no later than 30 days before their due date.

**Daily Classwork Format for Dr. Quigley’s Science Classes**

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1. Use the above heading for all handwritten assignments. Typed assignments must follow MLA format.
2. Write from margin to margin. If no margin is marked, then leave one inch of margin space on all sides of the paper.
3. Do not write on the bottom two lines of the paper.
4. Write neatly using the lines of the paper.
5. Do not scribble or doodle in the margins of a paper that you are turning in.
6. Keep your paper in a folder or binder. Do not turn in paper that is ripped, torn, or otherwise mangled.
7. You may write on the back of the paper.

**Student Name**

**Date**

**Assignment Title**