

McCormack 2019-2020

Physics and Chemistry

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(Email is the best way to reach me)
Phone: 801-393-3900 x 418

Office Hours: M-F 7:45-8:10 am after school
Class Website: Google Classroom

“The scientist does not study nature because it is useful; he studies it because he delights in it, and he delights in it because it is beautiful. If nature were not beautiful, it would not be worth knowing, and if nature were not worth knowing, life would not be worth living.”
-Jules-Henri Poincare

Anchor Texts and Resources:

A collection of websites, videos, and current events articles may be used. The majority of all information, rubrics, videos, slideshows, and assignments will be made available via **Google Classroom**. Classroom codes for students are as follows:

- Physics: 9gi3st
 - Chemistry: jlx7m3
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Major Course Themes: 4 Strands of Science Learning:

1) Science Conceptual Understanding	3) Nature of Science Understanding
2) Science Processes	4) Communication in Science

Student/Teacher Expectations:

1. Students are expected to challenge themselves! This course is designed to help students and teacher alike to stretch and grow. Both students and teacher are expected to work together to maintain a positive culture of learning.
 2. Students will be expected to abide by the school habits of work and habits of character. With high standards of work and character, everything else should naturally follow.
 3. **Respect!** Although stated within Habits of Scholarship, all students and parents should be aware of expectations for respect. This includes respect for *yourself*, your peers, your parents, your teacher, and your classroom.
 4. Accommodations and modifications will be made in accordance with student IEP and 504 plans.
 5. **Communication is key.** Please, please communicate with me *immediately* if there are any issues with understanding, completion of assignments, or any other problems that affect your quality of work.
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Habits of Work and Character:

I would argue that Habits of Work and Character determine success in your academic grades. Students will be held to the Habits of Work and Character outlined in the Family Handbook. Students will receive a grade reflecting their performance on the following Habits of Work and Character in my course:

Grit	Respect
Leadership/Collaboration	Integrity
Responsibility	Attitude

**Please be aware that an Unsatisfactory grade (U) in any of these 6 habits will result in a U for the course. **

U Remediation Policy:

After receiving a U Habits grade the student has the following options:

1. The student can remediate the U with the teacher/s that assigned the U by improving Habits of Character or completing service as determined by the teacher/s.
2. Clean Semester- If the following semester the student earns no U(s) then the U(s) from the previous semester are removed.

**It is highly recommended that students remediate all previously earned U Habits grades by the end of the semester directly following the one in which they received the U . Students cannot graduate with U Habits grades.*

Grades and Assessments:

Students' grades will be assigned using a targets-based grading system. The targets will fall into the following categories:

Content Targets

- Students will be assessed (through quizzes, exams, projects, etc...) on targets associated with the course content. These targets are aimed at concepts that students will be required to learn and skills that students will be required to master.
- Each target will be assessed multiple times and only the most recent score will be used to calculate a student's final grade.
- Content targets can be reassessed as many times as needed with no penalty, but a reassessment form must be completed at least two days before the planned reassessment with a correct copy of the most recent assessment attached. Students are allowed only one redo per week.

Science Notebook Targets

- Students will keep a science notebook where they will record notes, complete lab activities, attach handouts, and work through practice sets.
- These notebooks will be assessed on the following targets:
 - Organization and Neatness
 - Completion of Work
 - High Quality Work

Project Targets

- Projects will be assessed on the following targets:
 - Collaboration
 - Time Management
 - High Quality Work

Redo/Revision Policy:

- If the assignment (Science Notebook or Project) is turned in ON TIME the student will have 2 weeks to redo the assignment (as many times as they wish).
- See the table below for possible scores on re-submitted assignments.
- Re-submitted work must include the original work, the marked rubric, and the revisions.
- If an assignment is turned in *late*, Redos will not be accepted.

Grade on Assignment that is Handed in on time .	Highest grade an assignment that is redone can receive.
B to A-	Can redo to as high as A
C- to B-	Can redo to as high as A-
High F (40%) to D+	Can redo to no higher than B
Low F (<40%)	Can redo to no higher than C

Late Work Policy:

- A student will be allowed to choose 1 late assignment that ignores the late penalty each semester.
 - **Note:** This assignment cannot be redone for a higher grade.
- All work less than one week late will be automatically lowered one whole grade step.
- All late work turned in more than one week late will receive up to a C grade.
- Late work will negatively impact students' Habits of Work and Character grade under 'Responsibility'.
- If there are any concerns about deadlines, or special circumstances that may result in an assignment being turned in late, **please speak to me right away.**

Agreement Acknowledgement

Mr. Joseph McCormack (Mr. McCormack)

Please sign below to acknowledge receipt of this document and acceptance of the classroom rules and norms. Please feel free to contact me with any questions or concerns.

Student Name (Printed): _____

Class: Physics or Chemistry

Student Signature: _____

Class Period: _____

Parent/Guardian Signature: _____

Parents and/or student: Please use the space below for any questions, concerns, or information you feel will better enable me to help you have a successful school year.
