

IA. Flipped Classroom- We have flipped the classroom. Lectures at home & homework in the classroom! The students will be required to listen to my lectures on line by watching the assigned screencast (all of which can be found on my website, mrescience.com) while the traditional “homework” will actually be done in the classroom ... This will allow more “fun” time – group work, lab time, one-on-one time w/ me being able to spend more time w/ students having trouble... etc. etc. etc.!

IB. Major Course Objectives:

Physical Science is a challenging but not too difficult course designed to expose the Junior High School Student to a new field of endeavor. Students will be exposed to the fundamental theories, principles and laboratory practices of basic Junior High Physical Science using the NGSS framework. Within the Next Generation Science Standards (NGSS), there are three distinct and equally important dimensions to learning science (Science & Engineering Practices, crosscutting concepts & Disciplinary core ideas). These dimensions are combined to form each standard—or performance expectation—and each dimension works with the other two to help students build a cohesive understanding of science over time.

II. Student Conduct in Class

The students are expected and required to abide by the following:

1. No eating permitted inside the classroom or STEM Lab. Within the classroom, snack bar purchases must be done between classes, during break or at lunch & must be finished before class begins.
2. Students will be in their seats ready to begin without being tardy.
3. Students will come to class with a charged Chromebook & prepared to work. You will have all supplies, homework and lab materials at each class meeting.
4. Students will remain seated, refrain from talking excessively or disrupting the class in any way, and will respect and be polite to everyone while in this classroom.
5. Students are expected to actively participate in both lab and lectures. Raise your hand and be acknowledged before responding
6. Charged Chromebooks will be brought to each class. Unauthorized websites will not be visited. Cell phones are not permitted and are required to remain in your homeroom put away.
7. Students will obey all other school rules

III. Homework Policy:

Homework is an important part of this class. The current assignment sheet will be used to determine work to be completed along with the due date. Late homework will follow school policy; incomplete work will receive a reduced grade. Students are expected to read their unit assignment sheet, or contact a friend to receive homework assignments if they miss class. *Current unit will always be found in your Google Classroom AND on the website: MrScience.com*

IV. Tests and Quizzes:

Lecture Exams and Laboratory Practical Exams will be given. Quizzes will be given, usually weekly CHI bible verse quizzes and Greek & Latin Roots quizzes. Surprise or pop quizzes will NOT be given. Students will be given plenty of advanced notice of all exams. Lecture exams will be a combination of multiple choice, matching, fill-in, diagrams and short answer.

V. Make-up Policy:

Work missed during EXCUSED absences can be made up without penalty according to school policy. Assignments are usually due the following class meeting unless otherwise noted. Work missed during unexcused absences, tardies and or truancies will not be accepted.

VI. Grading Policy:

Grades are based on exams, practicals, quizzes, homework and classroom/lab participation. Extra Credit is not given. Your letter grade will be calculated based upon the following weighed percent's: **Exams 35%, Labs & Homework 60% and Classroom participation 5%.** **From these percents:** 90% - 100+ = A, 80%-89%= B, 70%-79%= C, 60%-69%= D, 59% and below = F.

VII. Honor Code:

Character, Honor, and Integrity are my three words to live by. Cheating, stealing and dishonesty will not be tolerated in this classroom. Severe consequences will befall any choosing this direction.

VII. Lab Responsibilities:

Safety is the primary concern during all Labs. Horseplay will not be tolerated. Lab assignments, required drawings and write-ups are due as described in the current assignment sheet.

IX. Science Binder:

It is recommended that each student keep and maintain a three-ring Science Binder. It's OK to share a binder w/ another class. The clear plastic cover of the binder can hold the current assignment sheet.

X. Assignment Sheets

Current unit assignment sheets are always found in your Google Classroom & on the website: **MrScience.com**. At the beginning of each unit, an assignment sheet will be given to each student. This paper will list all reading required, all work that will be due and the days that the work will be turned in or graded, it will also list lecture exams, lab practical exams. Students and parents should review this sheet often and **BUDGET THEIR TIME ACCORDINGLY!**

Classroom Procedures

Opening Prayer

We are extremely fortunate to be attending a Christian School. Each class will begin with a short prayer to help us focus on the GOODNESS of GOD and the POWER of PRAYER.

Class Time

Students will be in their assigned seats ready to work without being tardy. Students will bring all books, notebooks and supplies to each class. Once class begins, students are expected to participate, be prepared by having a binder with current unit handouts & worksheets. They should have questions ready to ask when we review the assigned screencasts.

End of Class

Students will remain seated and wait to be dismissed by the instructor. Do not anticipate and begin putting your "stuff" away before I am through lecturing, etc.!! During Lab days, Students will begin clean-up 10 minutes before the end of class. Once your lab station is clean, return to your seat and wait to be dismissed

Fire and Disaster Drills

Fire and Disaster drills are practiced often, Evacuation of the classroom may be necessary for any number of reasons. In case of emergency, students will calmly and quietly file out of the classroom in single file and meet outside in the designated area.

Laboratory Stations

Laboratory partners will be assigned by and at the discretion of the instructor. Once lab assignments have been given out, students will report to their stations w/out delay or detours. All members of the group will participate in lab dissections **sharing equally** in all work. Everyone will get equally "grimy" during labs. A student from each group will be assigned as "Supply and Equipment" person. They will be the only ones permitted to leave the station for group supplies. Clean up will begin no more than 10 minutes before the end of class. All members of the group will assist equally in the clean-up of their workstation.

Make-up Work

Make-up work will be permitted for all excused absences. Try calling a friend or checking your assignment sheet the day of your absence so work can be done that night. If this is not possible, the last few minutes of each class will be set-aside for those needing make-up assignments, etc. Typically, make-up assignments are due the following day, but this can be adjusted as needed by the instructor.

Classroom Rules

1. Be in your assigned seat and ready to begin without being tardy. Sharpen pencils before class begins.
2. No talking during class lectures, raise hand and be acknowledged before speaking out.
3. Bring your CHARGED Chromebook, all binders and supplies to each class and lab.
4. Eating is NOT permitted during class time. Exceptions are during break and lunch time.
5. At the end of class, remain seated; wait to be dismissed by the teacher.
6. Do not touch "Bony Bob" or harass, frighten, hassle, handle, annoy, infuriate, enrage or pester the critters or Mr. E.!!!
7. Cell phones will NOT be permitted in class. They must be left in your homeroom pouch. NOT your backpack or locker.
8. No backpacks inside the classroom, leave them on the hook outside.
9. Relax and enjoy your time in this class.
10. Show respect to all students and teachers, obey all other rules and regulations.

Communication

*Current unit of study is always found in your GOOGLE CLASSROOM and also on my website: **MrEscience.com**.*

Communication between the students, the parents and the teacher is the key to a successful school year. Parents can call and leave messages at the school office (949-465-1950) for me and I will be happy to return the call within 24 hours. Parents and students, both can contact me by Email (home or school) with any questions you may have. Another more immediate way to ask questions or simply talk to me about any concerns is **texting** me on my cell phone (949-246-1740). You may use this to ask homework & study questions and simply to let me know what concerns you may have. My Facebook page and Twitter account is also the way I can update friends, family, parents and students on the treatment and status of my lymphoma (cancer). It seems to be an effective way to get information out quickly (i.e. tweets, Facebook status updates etc.). Be ADVISED, I will never initiate the conversation with any of my students; I will simply respond to their homework/test questions..

Work Email address: tehrheart@mvc.school.org

Home Email address: wwjd5150@cox.net

Follow me on Twitter as: mrescience

Be a "Friend" on Facebook: Ted Ehrheart

Parent and Students must sign, mark "ok or not ok" to communicate, detach and return:

Parents, please mark one: _____ Mr. E. has my permission to "talk" w/ my student by text, phone, Email.

Or

_____ We would prefer that Mr. E. **NOT** communicate w/ my student by text, phone, etc.

I have read and understand Mr. Ehrheart's Classroom expectations

Student's Signature: _____ Parent's Signature: _____

Print student's name: _____ Grade: _____