

Mrs. Mabery's 7th Grade Integrated Science

Manhattan Beach Middle School

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Course Description

The goal of this class is to stimulate students to develop an active interest in science. Students will incorporate scientific facts, concepts, and theories in their personal decisions. They will understand how science influences their daily lives. Students will also have a digital textbook on their iPads called *MBMS 7th Grade Integrated Science*. Students will also receive supplemental materials or handouts, which must be brought to class each day in a unit notebook. **iPads are a crucial aspect of the course and must be brought to class each day.**

Topics of Study:

- *Scientific Method
- *Matter
- *Chemical Interactions
- *Plants
- *Plate Tectonics
- *Ecosystem
- * Weathering and Erosion
- * Geoscience Processes
- *Human Dependence of Natural Resources
- *Project-based Learning and Assessment

Assessment:

A student's grade is based on the TOTAL number of points he or she has earned in each category outlined below. Class participation, attendance, and being ready for class each day also contributes to the final grade. The following is a list of ways points are earned:

1. Assignments –There will be science readings outside of class. During the reading, students should be taking handwritten notes. These can be used on CER, formative assessments.

2. Laboratory Work – Doing is the best way to learn, thus there will be numerous labs each week. **Students should not miss lab days** because a part of the grade is their presence and

participation and thus grades and learning experiences will suffer. Lab safety will be stressed at all times.

3. Individual and Group Projects – Students will be assigned various individual and group projects throughout the year. Some of these will include models, posters, and presentations. All projects are to be completed neatly and to the best of the students' ability. Project rubrics will be provided. **Projects are NOT accepted late.**

4. Formative Assessments- Students are going to be participating in a variety of formative assessments. Students will be allowed to use handwritten notes on these that are taken from the textbook and other readings.

Supplies:

The student will be required to have their iPad daily in science class. They will be informed as to when they will need art supplies as well, but most of these will be provided for them in the classroom. All students should have a set of earbuds or headphones and have them with them at all times. All other materials that are required for lab work will be provided, though **donations to the class materials are greatly appreciated.**

Assignments:

Reading reinforces the concepts that were taught in a lesson or laboratory activity. Being that all students have a different pace at which they work, some students will finish their homework in class while others may have to spend time at home. Reading is an independent practice.

Each week there will be a reading assignment. Of course, there may be assignments or projects that must be finished at home, but students will be aware of those at that time. It is very important that parents use my class webpage and PowerSchool to discuss with their child what will be covered and assessed throughout each week, as well whether or not certain goals and results were achieved.

If the student is absent, it is his or her responsibility to get the make-up work, complete it within the number of days he/she was absent and turn it into the teacher. I will not monitor a student for his/her absent make-up work. It is the student's responsibility to keep track of those assignments themselves. All assignments are posted on the class webpage calendar and eBackpack for students to access. **Please use these sites when a student is absent to see any missed class and homework.**

Here is Mrs. Mabery's 7th Grade Integrated Science webpage:

<http://maberyintegratedscience.weebly.com/>

Technology:

This year is very exciting with technology! We will be using IPAD's for various class activities. Students will be responsible for having their iPads daily, equipped with the District approved Apps and course approved Apps. (See page below.)

Communication:

Communication is a key to success in science class and email works best for me. Please do not send any emails through PowerSchool, as I cannot see your email address.

Check PowerSchool frequently. I will be posting grades at least once a week. Any questions that arise with your child's grade, please discuss with them **first** - most questions can be best answered by them.

Classroom Expectations:

1. Respect others and their property.
2. Follow directions the first time they are given.
3. Be in your seat ready to learn when the bell rings.
4. Leave when the teacher dismisses you.
5. Use only materials that only pertain to the class.
6. Do not disrupt the learning or teaching process in any way.

Syllabus Sign-off:

Please go to the link below. If you cannot open the link directly, please copy and paste this link in Google Chrome or Safari.

<https://goo.gl/kVSjKs>

Free Apps to download for 7th Grade Science

(please download at home)

iMotionHD

Prezi

iBooks

BrainPop

QR- ScanLife

Google

Google Drive

Apollo Atlas Learning

Google Earth

Should already be installed.

(Some are free and some are paid apps. If the paid apps are not on your iPad please go to the iPad Help Room to receive a voucher.)

Ebackpack

ShowMe

Creative Book Builder

Pages

Keynote

Numbers

ShowMe

iMovie

Notability