

Integrated Science Syllabus

Email: ajanssen@maxwell.k12.ca.us

Phone: 438-2291 ext 12108

Course Description:

Integrated Science encompasses physics, chemistry and earth science.

1. Energy, Motion and Forces - students will learn concepts related to motion and forces, including position, speed, velocity, acceleration and time. This will be analyzed graphically and mathematically. Newton's Laws of Motion will also be a focus of this unit.
2. Investigating Matter - Students will learn how to identify physical and chemical properties of matter. In addition, students will learn how to predict the behavior of elements using trends on the periodic table.
3. Earth's Place in the Universe - Students will learn about Earth and Space science, including the origin and evolution of the Universe and the processes that exist within it.
4. Earth Interactions - Students will learn specifically how the origin of the universe relates to how matter cycles and energy flows on Earth and throughout the universe.
5. Earth's Systems - Students will learn about the earth's system move. Including water, plate tectonics, volcanoes and how people interact with the earth's resources.

This course will enable students to become familiar with career opportunities and technological advances within various science disciplines.

Materials:

1. Chromebook
2. paper
3. A pen or pencil
4. Textbook

Class Policy:

1. Late work is not accepted! It is worth 0%!
2. Be on time.
3. Be respectful of the teacher and other students. What does that include? Always try your hardest, do not interrupt the teacher or another student, and be prepared.
4. Have all materials available

Make up work:

- When you are absent from school you have as many days as you were gone to make up your missing work. This includes lecture notes, assignments, labs, quizzes, and tests.
- Where do you get your work? Go to the google classroom to see what you have missed and then go to the Integrated Science absent binder.
- Afterward you may ask me questions at the appropriate time.

Grades:

I do not give grades: I simply record the grade that you have earned.

90-100	A	Daily work	40%
80-89	B	Quiz/Test	30%
70-79	C	Lab/Activities	30%
60-69	D		
59-0	F		

Topics:

Motion and Newton's Laws

Heat

Electricity and Magnetism

Waves

Atoms and the Periodic Table

Chemical Bonds and reactions

Plate tectonics

Rocks and Minerals

Earth's surfaces

Weather and Climate

The solar System and universe

The earth's resource and human interactions

Discipline:

If a student acts unprofessional (see class rules) to either the class or myself they will be given a verbal warning. If the student continues their behavior, they will receive a call home. Further disturbances will result in speaking with Mrs. Shadley

Please have a parent or guardian read and sign this form and turn it in by Monday August 18th.

Students name	Students signature	Date
---------------	--------------------	------

Parent/guardian name	Signature	Date
----------------------	-----------	------