

Classroom expectations:

- Be on time and prepared for class
- Respect yourself, others and learning
- Keep the lab clean

Items needed for class:

- Pen and/or pencil
- Notebook for notes and assignments
- Folder (for semester final)
- Textbook
- Calculator
- Chromebook



Late assignments:

- Handed in 1 day late - 25% grade reduction
- Handed in 2 days late - 50% grade reduction
- Handed in 3 days late (or more) - 75% grade reduction

Discipline:

This should not be a problem. You are here to learn and so are your classmates. If for some reason you should be removed from class, you will be given an additional assignment. Anyone caught cheating will be given a 0 on that assignment, quiz, or test.

Electronics:

You will be allowed to keep your cell phone in your bag. On test or quiz days, the phones will be placed on the counter.

Physical Science – Semester 1

1. Understands that science is a way of knowing about the natural world and evaluating reasoning in arguments.
2. Understands that science helps us investigate and explain the natural world.
3. Understands that science, technology, engineering and mathematics rely on each other to enhance knowledge and understanding.
4. Describe the parts of an atom and the arrangement of the elements on the Periodic Table.
5. Describe a chemical reaction by using words and symbols and understand that all reactions illustrate the law of conservation of mass.
6. Describe the role of valence electrons in the formation of chemical bonds.
7. Understand endothermic and exothermic reactions.

Physical Science – Semester 2

1. Understands that engineering is a way of addressing human needs by applying science concepts to develop new products, tools, processes and systems.
2. Can use engineering design as an analytical and creative process of devising a solution to meet a need or solve a specific problem.
3. Understands how science and engineering operate in the context of society.
4. Understands how an object's mass and the forces on it affect the motion of an object.
5. Identifies energy forms, calculates and explains energy transformations, and understands that energy is always conserved.
6. Describes the properties and uses of forms of electromagnetic radiation.
7. Considers benefits, costs and risks to different ways of generating and using energy.

*The teacher reserves the right to modify policies during the year to best fit the class.