

# 8<sup>th</sup> GRADE SCIENCE 2022 & 2023

Ms. Lewis

## What will we study?

- ✓ **Matter**-Properties, changes, classifications, and the Periodic Table of Elements.
- ✓ **Energy**- Classifications, transformations, and flow of energy.
- ✓ **Waves**-Understand how electromagnetic and mechanical waves travel.
- ✓ **Forces and Motion**- Relationship between force, motion, and Newton's Laws of Motion.
- ✓ **Electricity and Magnetism**-Force fields, conductors, insulators, and electromagnets.

## Bring everyday:

- ✓ Binder with dividers
- ✓ Notebook paper
- ✓ Pencil
- ✓ Willingness to learn

**Student Work:** Students will be expected to complete all assignments on a regular basis. All students are expected to read class material, think critically and write effectively. Students are expected to use complete sentences, proper grammar and correct spelling in every written performance.

**Materials:** Students will be required to have all required materials upon entering the class.

**Group Activities:** Students will be working in groups on a regular basis in Canvas. Groups will be given cooperative learning activities to complete. Each student will be expected to be an active member of their group and participation points will be assessed accordingly. Students will always be graded as an individual; however, groups may earn points together that will lead to a reward.

**Attendance:** If a student is absent, it is HIS/HER responsibility to get all late work from the teacher and return by the deadline agreed upon by teacher, parent, and student.

## Every Grade Counts!

**Summative** - Tests, Projects, Essays, Extended Discussions, Tests  
50%

**Formative**- Quizzes, Assignments/Classwork, Short Discussions, entrance/exit tickets, Warm-ups, Homework  
50%

## Methodology

Teachers will utilize a variety of teaching styles to deliver content to their students. This includes manipulatives, videos, group work, and problem-based learning to ensure all students are actively engaged in their own learning.

Grades will be determined by the satisfactory and timely completion of assignments. The grade of each assignment is based on the prerequisite given for each assignment. Please email the teacher if you have any questions.

Rituals and routines are in place to keep students on track, safe and an exemplary member of the Dolphin Dynasty.

## Grading information

A- 100-90      B- 80-89  
C- 75-79      D- 70-74  
F-69 or below

**A grade lower than 60% will receive a phone call, email, letter home, or a remind notification (as time allows/at teacher's discretion). A low grade will need grade recovery/retest at the teacher's discretion.**

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**Xiaolong Qi**



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