

# Overview

## REGENTS EARTH SCIENCE

Earth Science is the study of all the different systems and parts that make up the Earth and Solar System. Topics that we will cover include mapping; astronomy; seasons & energy; meteorology; water cycle & climate; weathering, erosion & deposition; minerals & rocks; Earth's interior & plate movement; and geologic history, correlation & radioactive dating. We will work through all this information through the course of the school year to prepare for the NYS Earth Science regents exam in June.

## TO BE SUCCESSFUL IN THIS CLASS

- Regularly attend class and lab
- Complete student workbooks
- Complete assignments thoroughly and on time
- Complete 1200 minutes of lab reports
- Keep up with review and studying

## REGENTS EARTH SCIENCE LAB

Lab is a separate class during which you need to complete **1200 minutes** of labs to be eligible to take the NYS Earth Science regents exam. It is imperative you are present for your scheduled lab time. **Earth science lab concepts and skills will be tested in class.**

# essential learnings

- ✓ The Earth and celestial phenomena can be described by principles of relative motion and perspective.
- ✓ Students explain complex phenomena, such as tides, variations in day length, solar insolation, apparent motion of the planets, and annual traverse of the constellations
- ✓ Students describe current theories about the origin of the universe and solar system
- ✓ Many of the phenomena that we observe on Earth involve interactions among components of air, water, and land.
- ✓ Students use the concepts of density and heat energy to explain observations of weather patterns, seasonal changes, and the movements of the Earth's plates
- ✓ Students explain how incoming solar radiations, ocean currents, and land masses affect weather and climate
- ✓ Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.
- ✓ Students explain the properties of materials in terms of the arrangement and properties of the atoms that compose them

# WELCOME TO

# earth science



*mrs miller*

ROOM # 313

AMMILLER@BUFFALOSCHOOLS.ORG

REMIND 101 APP

(716) 816-4300

# expectations

be prepared  
be on time  
stay engaged



**Beginning of class** → Take a seat, get all necessary supplies, submit any homework assignments, complete the do-now/daily blast, and wait for further instruction.

**During class** → Be an active participant in your learning. Listen, collaborate, and ask questions.

**End of class** → Stay in your seat until dismissal by the teacher.

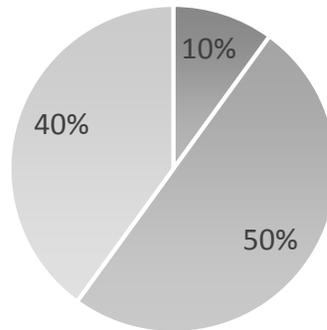
# required materials

- ✓ Writing utensil
- ✓ Folder
- ✓ Current workbook
- ✓ E.S.R.T.
- ✓ Fully charged Laptop
- ✓ A positive attitude



# grades

This course follows the BPS gradebook setup of 10% Daily Blast, 50% Classwork and 40% Assessments and Projects.



■ Daily Blast

■ Classwork

■ Assessments and Projects

**Daily Blast:** 1-3 regents questions; timed and graded; no makes up for late or absence.

**Classwork:** Student workbook completion and any other in class assignments.

**Assessments and Projects:** Quizzes, tests, performance tasks and projects.



# technology

We will be utilizing various resources such as Schoology, Castle Learning, and Google to access the Internet for research and review material. **It is expected that you are on task when you use these resources.**

**Cell phones** are only to be used when asked. We will be following a stoplight system for cell phones in class.

**Red**-Away and silenced  
**Yellow**- Teacher approved work  
**Green**- Free to use



# absent students

**Students** are responsible for finding out and completing any missed assignments.

In order to receive credit for work you must stay with an Earth Science teacher during office hours or complete a partner interview form.

**IT IS YOUR RESPONSIBILITY TO RESCHEDULE MISSED ASSESSMENT!**

Office hours will be posted outside of teachers doors.

