

EARTH SCIENCE

SYLLABUS

Welcome to Earth Science! In this document you will find important information to help you be successful in Earth Science. Please take time to read through each page.

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communication

You will have one or more of the following teachers for class and lab. Click on each teacher's name to view their class website and learn more about their background.



Earth Science Squad
Left to right:

Mrs. Agen, Mrs. Miller, Ms. Stone

Mrs. Miller	Room 313	Email: ammiller@buffaloschools.org Instagram: @sciencein313 Text/Call: 716-514-9747
Ms. Stone	Room 315	Email: sbstone@buffaloschools.org Instagram: @sciencewithstone Text/Call: 716-800-1307
Mrs. Agen	Room 317	Email: keagen@buffaloschools.org Instagram: @sciencewithagen Text/Call: 716-427-8685

co-teachers

In addition you might have one of these amazing teachers who specialize in strategies for teaching and learning for all students.

Mrs. Stanchak Room 315 Email: cstanchak@buffaloschools.org
ENL Teacher Text/Call: 716-800-1516

Mrs. Lambert Room 317 Email: allambert@buffaloschools.org
Special Education Teacher



in person class expectations

Routine for entering and beginning class

1. Enter with ALL NECESSARY SUPPLIES*
2. Sit in assigned seat, open/turn on laptop...
3. Open the daily slides**
4. Open the weekly Bell Work assignment*** and begin

*Each day you will need to bring the following:

- Laptop
- Notebook
- Pen or Pencil

**Daily Slides will be linked to the class calendar. This can be found on Schoology. Please bookmark for easier access.

***Weekly Bell Work: Four questions to be completed by the end of the day (11:59pm) on Thursdays. Will be assigned and due on Schoology.



EARTH

Rocks!

- E**nter prepared
- A**rrive on time
- R**esist temptations
- T**ry your best
- H**elp is always available

Behavior Expectations

- Remain in your assigned seat
- Wait to ask to use the restroom, pencil sharpener, get a supply, etc if directions are being given to the whole class or a lecture is in progress.
- Keep phone away and materials on your desk.
- Respect yourself, others, and the property of others (including classroom property)

remote learning expectations

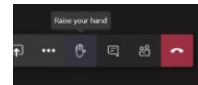
Norms for Remote Learning

1. Enter on time
2. Make sure your mic is muted
3. Open the daily slides*
4. Open the weekly Bell Work assignment** and begin
5. **Raise your hand** to ask a question or type it in the chat***

*Daily Slides will be linked to the class calendar. This can be found on Schoology. Please bookmark for easier access.

Weekly Bell Work: Four questions to be completed by the end of the day (11:59pm) on Fridays. Will be assigned and due on Schoology. This assignment will be reviewed in class on **Tuesdays.

***use the hand icon in the teams app:



Weekly Class Schedule

Period	Monday	Tuesday	Wednesday	Thursday	Friday
1 8:09-8:53	S	S	A	S	A
2 8:57-9:41	S	S	A	S	A
3 9:45-10:29	S	S	A	S	A
4 10:33-11:17	S	S	A	S	A
5E/5L	A	S	A	S	S
6E/6L	A	S	A	S	S
7 1:25-2:09	A	S	A	S	S
8 2:13-3:00	A	S	A	S	S

S Synchronous, Live Teaching

A Asynchronous, Students working Independent of teacher

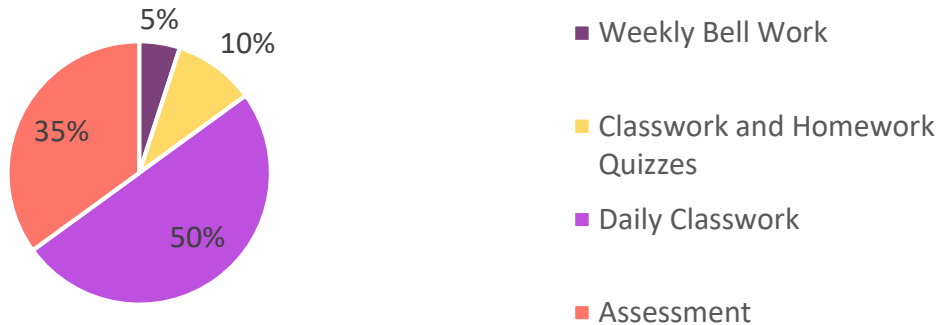
Attendance will be taken each period during synchronous instruction (blue).

- When your class period is synchronous (blue) you must log on to teams using the link provided in Schoology and be present for the entire period. This is when your teacher will be teaching you new material and/or showing you how to do things.
- When your class period is asynchronous (yellow) you will be expected to complete classwork and/or homework but your teacher will be available for help on teams.



grades

GRADE BREAKDOWN



Category	% of grade	Description
Weekly Bell Work	5	<ul style="list-style-type: none"> ○ Consists of 4 questions relating to the content and skills learned. 1 point per question. ○ Due each week by 11:59pm on Thursdays, no exceptions. Answers will be reviewed on Fridays, no late credit will be granted. It is expected that students will complete during the first 5 minutes of class or on your own time if incomplete or absent. ○ Will be assigned on Schoology.
Classwork & Homework Quizzes	10	<ul style="list-style-type: none"> ○ Each week you will receive homework questions on castle learning. You will have multiple chances to get the questions correct and have feedback provided automatically from the website. ○ You will take a weekly HW Quiz with questions directly from this assignment. This score will be entered in as your grade.
Assessment	35	<ul style="list-style-type: none"> ○ Any quiz, test, CFA or DBA (Common Formative Assessment or District Benchmark Assessment) that includes multiple choice and/or constructed response answers. ○ Any project graded by a rubric that measures your understanding on science content and practices
Daily Classwork	50	<ul style="list-style-type: none"> ○ Notebook grades (spot checks), LABS, and/or projects ○ Graded all or none. This means you earn 100% or you earn "RR" (Revise and Resubmit). A grade of RR counts as "No Grade" or 0/missing until the assignment is resubmitted for full credit. Work must be complete and correct to earn 100%.

lab expectations

New York State Laboratory Requirement

“All students in a Regents science course must complete the **laboratory requirement** of 1200 minutes of hands-on **laboratory** experiences, with satisfactory **laboratory** reports prior to entry into a Regents examination in science.”

What is lab?

In Earth Science, lab will consist of a series of hands-on investigations and online simulations that will help you to explore and make sense of the Earth and its processes. Lab is also a time to build background knowledge on particular topics covered in class and/or dig deeper into the vocabulary and content learned in class.

Remote Lab

- Assignments will be posted in Schoology.
- Labs will be completed both in class and during lab period. Your lab reports will be kept on file electronically.
- 1200 minutes worth of satisfactory lab reports must be completed by June.
- Your lab teacher will be online and available during your lab period 5 days a week. If you have trouble completing the lab log on and ask for help, message on Schoology, or text/email. “I didn’t know what to do” is not and acceptable excuse for labs being incomplete.

In Person Lab

- Attendance in lab is mandatory. All lab lessons and laboratories can and will be tested on the final Regents Exam in June.
- If you are absent from lab you are required to make an appointment with a lab teacher after school to make up the minutes/assignment(s) missed.



Grades for Lab

- Infinite Campus will be used to record lab minutes. The % listed for a grade is **not** a grade. Look at the point total for a snapshot of how many minutes you are earning.
- **Lab** reports that are “unsatisfactory” will receive a grade of RR (Revise and Resubmit). A grade of RR counts as “No Grade” or 0/missing until the assignment is resubmitted for full credit. Work must be **complete** and **correct** to earn 100%.

supplies...



1 spiral bound notebook

(any color any size – but be sure to get one large enough to last all year or get 2 small ones)

Pens and/or Pencils

(If you get pencils...do you have or need a pencil sharpener at home? Sometimes it's easier to just use pens...)



Laptop

Provided by BPS. Please keep it charged! If you have any computer issues call the IT help number: 816-7100

Optional (but encouraged) Supplies:

Colored Pencils



Highlighters



frequently visited websites

Below is a list of the most frequently visited websites with a brief description of each. I strongly recommend bookmarking these on your browser (hint – you can make a bookmark bar folder for science)

Schoology	Here you will find all of the information you need for each of your classes, as well as school-based information on the “I-Prep Times” group page.
Clever	This is a launch pad for many of the apps and websites that your teachers may use. It allows you to sign in once instead of trying to sign in on every single page.
Castle Learning	This site will be accessed through clever and contains Regents questions for every Regents course. Your weekly homework assignments will be done here.
Quizlet	This site contains vocabulary flashcards and practice games. It is an *excellent* tool to help you learn the vocabulary for this course.
Class Calendar Lab Calendar	This is the calendar for Earth Science class and lab. You will find links to our daily slides, as well as a list of what was done each day/week during the class. This should be bookmarked and checked frequently. It will be linked on schoology.

course description...

What is Earth Science?

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 notebooks
- 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

attendance & make-up work

Attendance is expected and mandatory on synchronous learning days while remotely learning (learning from home). Attendance will be taken on these days. When in person, attendance is mandatory and expected daily. Chronic absenteeism, even while remote, will result in a referral to the attendance teacher and administrator if a parent or guardian cannot be reached. Please reach out to your teacher if you are experiencing a situation that prevents you from attending class (note: you may not work during school hours).

Make Up Work Policy

When you miss a class for any reason it is **your responsibility to find out what you missed and make up those assignments**. You have been provided with many ways to contact your teacher. As a high school student, it is your job to follow the steps below in order to make up work:

1. Check the class calendar, linked on Schoology (please bookmark!) This will tell you what occurred each day and will contain links to slides and websites necessary.
2. Go to Schoology and check the course updates and materials. Complete any assignments from the class calendar that you have not yet completed.
3. Contact your teacher and/or visit your teacher's office hours to get more help, ask questions, and discuss your makeup work.