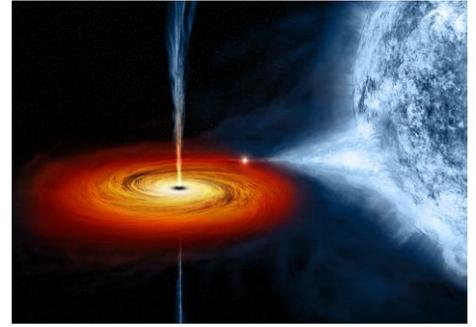


# EARTH & SPACE SCIENCE SYLLABUS



Mrs. Nadezda Mease  
Room 311  
nmease@nfschools.net  
278-5800

Remind:  
Text to number 81010  
Hybrid code: @earthhyb  
Online code: @earthonl

## Course Description

Earth science is a branch of science that incorporates knowledge of our planet, and its position in space. During the year, we will learn about meteorology, geology, astronomy, and hydrology. Student will be engaged in hands on activities relating to environmental studies as well.

**Student will be required to complete 1200 minutes of laboratory assignments with satisfactory reports to be able to take NYS Earth Science Regents exam.**

## Text

- HMH Science Dimensions: Earth & Space Science  
[https://www.hmhco.com/one/#/discover/SCI\\_NA18E\\_SCIDIM\\_EAR](https://www.hmhco.com/one/#/discover/SCI_NA18E_SCIDIM_EAR)

## Goals

1. Develop an ability to examine phenomena using scientific skills.
2. Develop an appreciation for our environment, and think of the way we can protect it.
3. Introduce students to astronomy, geology, hydrology, and meteorology topics, by lab activities, multimedia, and classroom presentations.
4. Carry out investigation by asking questions, defining problems, and analyzing data.
5. Constructing explanations about natural world and communicating them to an audience through a variety of methods.
6. Communicate data to other scientific organizations, such as GLOBE and NASA.
7. Have fun!

## Units

- I. Introduction to Earth and Space.
- II. Systems of matter and Energy.
- III. Natural Resources.
- IV. Earth in the Solar System.
- V. Space
- VI. Plate tectonics.
- VII. Earth's changing surface.
- VIII. Earth's water.
- IX. The Atmosphere
- X. Exploring Earth's history
- XI. Human activity and Earth

## Grading:

30% - Tests  
30% - Labs  
15% - Classwork/Participation  
15% - Project  
10% - Quiz

## Homework/Attendance Policy:

*Two methods of grading homework:*

1. Assignments can be collected and graded as an individual homework. Points will be rewarded for correct responses only.
2. Other homework assignments will receive credit for completion. Those assignments will receive an appropriate number of points based on legitimate attempts to answer each question. Points will be taken off for answers left blank as well as incoherent thoughts written in order to take up space. Some assignments could be all or no credit assignments – they have to be completely done to receive a credit.
3. Homework will be posted on the classroom information board.

### **Late work will receive 10% deducted for each day it is late**

- If you are absent from school, you will have the number of days absent to turn in work and complete labs.
- Early dismissals and tardy to school does not exempt you from assigned work for the day. Failure to see me may result in a 0
- If you have an **unexcused absence for the day of an exam** or for a due date of a project, you will receive a 0. This includes Unexcused Tardy. NO TEST MAKE UPS!
- Planned absences require advance notification (two days) and may require that certain work be done prior to the absence. Planned absence days will be handled with the same number of days absent.

**If a student misses CLASS** (not just school) for 2 or more consecutive days, they must make an attempt to contact me.

- If the student misses school, they may send an email or chat message on TEAMS
- If the student misses class for being tardy or an early dismissal, they must see me that day (i.e. before school, immediately afterschool, homeroom, study halls, student's lunch, etc...)

## Notes

Students will be shown a way to take notes on reading the text in your TEAMS notebook. You will be given an appropriate amount of time to complete the assignment. Points for completing note sections are an **all credit or no credit assignment.**

## Neatness

Please make sure your work is the reflection of your best effort. Work with spills, sloppiness or damage, and/or papers that are difficult for me to read will not receive full credit. All papers are required to have the proper heading **Name, Period, Date**

## Cheating/Plagiarism

Make sure all your sources are properly cited. If you are taking advantage of other peoples' work by copying or stealing it you and the person, whose work being copied will receive no credit.

## Exams

- After a completion of every unit there will be a written test. Questions will resemble NYS earth science regents questions.
- The final exam will have 2 parts: NYS Earth Science Practical and NYS Earth Science Written Regents exam. We will review for it more at the end of the year, and the schedule will be provided beforehand.

## Participation

- The effort & behavior is a part of your class grade.

## Extra Credit

- Extra credit will pop up as various assignments or questions on Exams. My advice is to take the opportunity when you can.
- If you have any ideas for an assignment, please clear it with me before turning it in.
- Any extra credit will be due 1 week before the grading period ends.

## Materials needed

- Textbooks have been selected at the appropriate reading level for the majority of students taking this course.
- Before entering the room, be sure that you have all the supplies you need for class.
  - Your laptop
  - Notebook (optional)

### **Classroom Expectations**

- Please be in class on time. 2 unexcused absences and 3 unexcused tardies will receive a referral to the discipline office and a call home. **It is the student's responsibility to seek out the teacher to schedule days to make up missing lab activities.**
- Feel free to use the restroom when I am **not** lecturing or giving directions. Remember, you have to completely fill out the hall pass, and I will sign it. You will have to give it back to me when you return. I will allow a maximum of two to be out of the room at one time.
- At the start of class, please check the board for any materials needed and get them ready before the bell.
- Please respect other people's property.
- Please place **TURN IN** your assignments on TEAMS so I know – it is ready to grade.
- Please raise your hand if you want to speak. I enjoy listening to your ideas, but only one at the time.

### **Technology**

- Please treat all equipment with respect. We will be using a variety of computer programs and some electronic measuring tools.