

## P.S. 035 Manhattan High School Course Syllabus Course

Code: SES22QQS

Course Name: EARTH SCIENCE

Teacher Name: BROWN, E.

Year and Term: 2017-2018 Term 2

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Course Description: Earth Science is a very involved freshmen course for high school Science. Here, you will learn various points of Science, including; how the Earth functions; the timeline of its creation and the beginning of life forms; the formation of the lands that we now know as continents and other land masses; how the various parts of the atmosphere make up what we considered to be weather and climate; and the layers of the planet that provides its sustainability. You will also be knowledgeable to the scientific method, and how to properly conduct an experiment.

### Learning Standards:

ESS1.A – Earth and Space Sciences

ESS1.C – Earth History

ESS1.B – Matter and Its Properties

ESS2.B – Plate Tectonics

ESS2.D – Weather and Climate

ESS2. A – Earth Materials and Systems

PS1.A – Properties of Matter

LS4.A – Ancestry and Diversity

ESS3.C – Human Impacts on Earth Systems

ESS1-4 – Geologic Time Scale

### Unit Map:

Unit 1 – Scientific Method and Skills

Unit 2 – Maps and Measurements

Unit 3 – Astronomy and Isolation

Unit 4 – Dynamic Earth

Unit 5 – Rocks and Minerals

Unit 6 – Earth History

Unit 7 – Landscapes

Unit 8 – Meteorology

Unit 9 - Climate

### Course Materials:

A 3-ring binder (you will be provided this)

Separate Notebook (this as well)

Pencil/pens (you will also be given these daily, but you are more than encouraged to bring your own)

### Here is how your grade will break down during this course:

Class work (45%): Most of the work that will be done in class will go to your class work. This will include any in-class worksheets, or labs. Some class work may be asked to be completed at home, but for the most part, they will be completed during class.

Quizzes/Exams/Projects (20%): During the course of our studies, you will have a few quizzes and at least one exam or project to complete each marking period. Most quizzes will be either open-note or open-book. Any project or exam assigned to you will be given plenty of preparation time in advance. All projects assigned will have a due date, and anything turned in after that due will be marked off points for lateness.

Notebook (20%): In your separate notebook, all AIMS/Do Now work at the beginning of each lesson will be recorded inside. You will be graded for them periodically, so it is your responsibility to check with instructor if you feel you have missed any. Also, book work done in the class will go inside your notebook and be counted for this part of your grade as well.

Attendance (15%): In order to reasonably get any understanding of what goes on here, you're supposed to attend this class. (As well as all you're other classes!) I don't know how else to emphasize the importance of attending class each day. If you have a legitimate excuse, you are expected to provide it the day after your absence. Otherwise, you will be marked absent for that time you have missed.

The Expectations: Because our class moves at a pretty steady pace, a log of the assignments and work done in class will be posted on the blackboard. It is YOUR responsibility to make sure you are keeping track with your grade. If you were absent

for any work given out that you have not received, you **must** come to me in order to get it. At the high school level, the main anticipation here is that you are able to assume responsibility for how you earn your grade. I, as well as any other staff in this class, will be here to help you as best we can. We CANNOT, however, do the work for you. My one word of advice to you for this class is this: I don't give grades, you EARN them. Please keep that in mind during this course. Your work efforts will determine your level of success here.

We expect you to learn and ask questions about anything you are unsure of; this is what the learning process is all about. We also expect you to respect every student you will share the class with (and the adults, too!), as they have the same rights to get a distraction-free education as you do. As high school-level students, my biggest expectation is for you to SEIZE this opportunity to grow!

Good Luck!