

Course Syllabus - Physical Science

Instructor	Mrs. Anna Cook accook@mercer.k12.pa.ua
Course Description	Physical science is a course designed to focus on the study of naturally occurring, non-living systems. As we progress through the year, we will continually build upon the knowledge we gained in earlier chapters and units. We will learn in depth about different natural phenomena we experience daily within our solar system.
Prerequisites	Biology
Credits	1 credit
Location	Room 210
Instructor Planning	Period 1
Textbook	Glencoe - Physical Science (ISBN:978-0-07-894583-0)
Google Classroom	Pd 4 - 4rzaia3
Materials	Students will need the following for class each day: - A 1½ inch Three ring binder with a Spiral notebook or loose leaf paper -Chromebook -Writing utensil(s) *Failure to be prepared for class can result in no credit and/or detention
Homework Policy	Homework assigned will be used to extend and deepen in class learning. The assignments are to be completed and turned in on the day noted at time of assignment. Late homework will be accepted with a penalty of 10% per day.
Grading Policy	Each test, quiz and lab assignment will receive a point value. Grades are based on points earned compared to points possible. **Extra credit may be earned for completion of specific assignments at the discretion of the instructor. Extra credit opportunities will be offered to the full class NOT individual students Per the Mercer area Student handbook, "Scholastic grades are based upon test results, homework, projects, participation, etc. as determined by the individual classroom teacher. The basic guideline for daily grades in all classes is as follows: A + = 96.50 to 100 B = 82.50 to 86.49 C- = 69.50 to 72.49 A = 92.50 to 96.49 B - = 79.50 to 82.49 D + = 66.50 to 69.49 A - = 89.50 to 92.49 C + = 76.50 to 79.49 D = 62.50 to 66.49 B + = 86.50 to 89.49 C = 72.50 to 76.49 D - = 59.50 to 62.49 F = 0 to 59.49"

Academic Integrity	Per the Mercer Area Student handbook, "Students caught cheating; plagiarizing; copying homework, tests, or quizzes; removing testing materials from a classroom without permission; or using a paper from the Internet will be given a zero (0) on that assignment and will receive a consequence (after-school detention, Saturday detention, and/or suspension) based upon the level of the infraction. In addition, their name will be reported to the office and filed in the event of future violations. Repeated violation could result in removal from class, a non-passing grade, and/or a discipline hearing."
Make- Up Work	Per the Mercer Area student handbook, "Students are required to make up all missed work within a maximum of one (1) school week (5 days) after returning from any absence. This includes students on a pre-approved trip of more than one (1) day. Teachers may require student's makeup work within a like number of days for any absence (i.e., two days absent – two days to complete the missed work). If a student is absent on the day of a scheduled assessment they will be required to complete that assessment on the day he/she returns to school unless other arrangements are made with the teacher."
Late to class	Per the Mercer Area student handbook, "Students reporting late to class must secure a pass from the previous teacher if they were legitimately detained. Without such a pass, the student will be liable for after-school detention. The office will not issue passes for readmission to class except for special instances: school discipline, conference, and after-school detention."
Laboratory Regulations	See attached 'Science Classroom Student Safety Contract'. All students must complete two copies of the student safety contract. One copy will be submitted and retained by the instructor and the second is to be retained by the student.
Cell Phone Usage	Per the Mercer Area student handbook, "The middle-high school has an acceptable use policy for electronic devices. Normal cellular phone use and the use of other similar devices (Tablets, Smartwatches, iPods, E-Readers/Kindles, CD players, headphones, etc.) are prohibited in school from 7:45 a.m. - 3:15 p.m. Cell phone use is permitted during a student's scheduled lunch period only in the cafeteria (11:05 a.m. – 11:40 a.m. for students in grades 10-12 and 11:52 a.m. – 12:27 p.m. for students in grade 7-9)."

Course Outline		
Unit	Material Covered	Notes
1	Nature of Science	
2	Intro to Physical Science	
3	Force and Motion	
4	Energy Work and Simple Machines	
5	Electricity and Magnetism	
6	Electromagnetic Spectrum	
7	Sound and Light	
8	Matter	
9	Intro to Chemistry	
10	Chemical Bonds and Equations	
11	Solution, Acids and Bases	
12	Thermal Energy	
13	Application of Physical Science	

We have read, understand and agree to the listings of the course syllabus as written in this document.

Student Name: _____ Signature: _____

Parent/Guardian Name: _____ Signature: _____

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Detach and Return THIS PAGE ONLY to Mrs. Cook By Friday September 1st, 2023

We have read, understand and agree to the listings of the course syllabus as written in this document.

Student Name: _____ Signature: _____

Parent/Guardian Name: _____ Signature: _____

Parent/Guardian Telephone number: _____

Parent/Guardian Email address: _____