

Ms. Holley's Physical Science Syllabus Spring 2021

Welcome to Physical Science!

First and foremost, I am here for the students and am willing to do anything it takes to ensure success in the class. If you come to class everyday ready to work, and complete all the assigned tasks (classwork, homework, labs, projects) it will be impossible for you to not learn and do well.

Listed below you will find information needed to make this semester successful.

Course Description:

Physical Science is the introduction to chemistry and physics, explaining the concepts and principles of matter and energy. Students will develop basic lab skills through the scientific method and problem solving. This course meets the high school graduation requirement for physical science.

Chemistry Topics: (3rd quarter) Matter, Atomic Structure, Compounds, Bonding, Reactions, Solutions, Acids and Bases, Nuclear Energy

Physics Topics: (4th quarter) Motion, Force, Momentum, Work, Power, Energy, Electricity, Magnetism, Heat Energy, Waves, the Electromagnetic Spectrum

Requirements:

Students need a bound composition book to construct knowledge as they are learning each day. Pages are to be numbered in a specific way as recorded in Canvas. In addition, students need a device with internet connection, pencil/pen, colored pencils, highlighter, glue stick scissors, metric ruler/meterstick, and a calculator (*does NOT have to be a graphing calculator*).

2 packets (can be downloaded from Canvas my website, or you may pick them up from school) have information for the notebook and to help you plan for and do the labs without being tied to a device.

Assignments:

Major Assignments (Labs and Assessments) 60% Minor Assignments (Classwork, Activities) 40%

CANVAS is the learning platform for this course. While everything that will be graded is found there, students need to be in class every day to understand the work and to learn the material.

Labs and Activities *A large portion of your grade will be determined by activities and labs. Interacting with science content is the best way to learn it and the most enjoyable. There is a screen-free lab for each unit. Students need a safety partner (parent or parent designee) to work with to discuss your observations out loud. The projects and simulations do not require a safety partner but will be more enjoyable if students talk to classmates while doing them. To help you plan for labs and activities, packet 2 can be printed and written on as needed.*

Quizzes and Assessments will be given during each unit. This is an opportunity to see if you understand the course content in a traditional format.

Classwork is an important part of the learning process, so please take a few minutes **every night** to ask your student about their work. Please look at their Lab Notebook, especially the DAILY RECORD at the front, and help them keep up with assignments. Completing assignments EARLY when possible is always welcome!

Any work that I have assigned for class time that is not completed in class is homework. To ensure academic success, all assignments must be submitted on-time. Grades will be updated frequently. A ONE will be earned for assignments not turned in or completed. Because material builds this week on what was learned last week, Module assignments will not be graded after one week. Unit Assessments deadlines cannot be extended. Please keep up!

Grading: Everything we do in this class supports your learning Physical Science. You will be responsible for keeping up with the work and studying it to show mastery. Everything is graded. You can check your grades on Canvas and Powerschool. Powerschool is the official grade.

A = 100-90 B = 80-89 C = 70-79 D = 60-69 F = Below 60

Help is available during WEST SUCCESS. Students who do not have an A or B in the course are expected to attend. Everyone is welcome, we get more done when we know others are there.

Lab Notebooks show the work you did each day. You should have a page (numbered on the front, top, right) for each day of the quarter. Doodling, drawing, and journaling beside "regular work" is encouraged! Be active and be engaged!

Classroom Expectations:

- Be sure to log in to your class every day according to the schedule.
- Show respect in the virtual classroom.
- Be deliberate in following directions.
- Turn in assignments on time.
- Follow all school rules. Dress appropriately for being in school.
- Be flexible because this is new and we are all in this together.

Attendance:

- Students should attempt to be in class every day following Johnston County Board Policy concerning absences. Attendance will be taken through evidence of being in class such as assignments, polls, chat messages. Please do not inform me later in the day that you were in class if you did not provide evidence during the entire class period.
- We all learn more when we know others are there working, too. I will not give permission to leave class early because you are done with an assignment.
- It is the student's responsibility to complete all assignments. Utilize online platform resources

For in-person science classes, a lab partner sits beside you. In hybrid and virtual classes, you can have many partners. Think about your learning style and what will work best for you. I am here to help, but I am not the best lab partner... because I am your teacher, but mainly because I am not learning the material new. Reach out to at least one person in the class you would like to bounce ideas off of as you both learn. It will make the class better and more enjoyable!

We are going to have a great semester and I look forward to working with all of you!

Sincerely,

Mrs. Holley

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