

Physical Science Syllabus

Teacher: Disha Treya

Edison Academics

Course Outline

Physical Science presents a survey of introductory physical science topics emphasizing chemistry, earth and space science, and physics. This course serves the purpose of building a good science foundation and providing desirable background to successfully begin a course in Biology, Chemistry, Physics, and Earth Science. Physical Science can be thought of as the beginning course in a College Prep Science Curriculum. This Physical Science class will consist of a number of units covering topics such as chemical equations, energy and motion, electricity, the nature of matter, and interactions of matter to name a few.

Text Book

Physical Science, Holt McDougal,

Major Topics

1. Introduction to Science
2. Matter
3. States of Matter
4. Atoms
5. The Periodic Table
6. The Structure of Matter
7. Chemical Reactions
8. Solutions
9. Acids, Bases and Salts
10. Nuclear Changes
11. Motion
12. Forces
13. Work and Energy
14. Heat and Temperature
15. Waves
16. Sound and Light
17. Electricity
18. Magnetism

Grading Policy and Breakdown

You will be responsible for:

Exams including Midterm and Final	70%
Paper/Presentation	30%

*Extra Credit : **Quizzes:*** Pop quizzes will be given at the instructor's discretion. You may expect pop quizzes on a regular basis. Because of the importance of terminology, you can expect a terminology quiz daily (with the exception of test/exam days).

Late Work Policy: If you do not have your work the period it is due at the time you walk through the door, you can bring it to me the next day for 50% credit. After that, it is a zero.

Re-do Policy:

Any student who receives a quiz or test grade lower than 70% will be given the opportunity to redo the assignment. The student must schedule a time with me within three days of the receipt of the grade in order to be eligible. If the student fails to show on the scheduled day, the original grade stays. If a student retakes an assignment, they are eligible to receive up to 50% of the credit back. A study tool and test corrections will need to be provided by the test taker on the date of the retake in order to earn back any points.

If you have a 70% or below and do not schedule a redo within three days, the original grade stays and the maximum score to be entered in the gradebook is a 70% for a redo.

If you are absent, it is your responsibility to make up the work you missed. If you are absent on the day of a quiz, you will take it on the day that you return to school.

Research Paper: You will be assigned **at least one research paper** during this term. This will require access to a computer/typewriter. You may also wish to have internet access for the purpose of gathering research information. Detailed requirements for research papers will be given at a later date. This research paper will require students to accurately document sources. Research papers will be submitted electronically to the instructor and will be electronically checked for plagiarism check.

Academic Dishonesty Policy: Students are expected to do their own work. Students who cheat on any work in class will be referred to the office, given a zero on the assignment and parents will be notified. When turning in papers, students can work together to collect data in class, but are expected to put the entire paper/ report in their own words.

I am available as a resource! There will be no extra credit offered because I believe there are plenty of opportunities offered for you to have a passing grade. If you are struggling, were absent for a prolonged period of time, or want to review, we can schedule a time where we can work one-on-one or in a small group. I am here to help you succeed!