



Course Name
2025-2026 Syllabus

Teacher: Ms. Jenny Seymour

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Plan Period: 4th Hour

Monday - Friday:

Early Release Monday:

Phone: 405-947-6272

Textbook: *N/A*

Course Description: The physical sciences are the sciences concerned with studying non-living natural objects. Physical Science as a course provides an introduction to scientific investigation through the perspective of chemistry and physics. The course focuses first on introductory chemistry with the properties of matter and the periodic table, atomic structure, compounds, and chemical reactions. The course then turns to physics, focusing on the relationship between velocity and acceleration, Newton's Laws governing forces and gravity, energy, momentum, and waves. Labs or investigations give scholars hands-on learning and practical applications for the material.

Course Objectives:

Analyze Fundamental Principles of Chemistry and Physics:

- Analyze properties of matter, atomic structure, the periodic table, chemical compounds, and reactions.
- Explain motion concepts, Newton's Laws, energy, momentum, and wave properties.

Explain the Interconnectedness of Physical Concepts and Phenomena:

- Explain relationships between forces, motion, and gravity.
- Analyze energy forms, conservation principles, and momentum.
- Describe wave behavior and their interactions with matter.

Describe Practical Applications and Develop Hands-On Scientific Skills:

- Conduct laboratory investigations applying chemistry and physics principles.
- Develop critical thinking and problem-solving through data analysis and scientific methods.
- Improve scientific communication through presenting experimental findings.

Required Materials:

- Composition Notebooks – one per class; additional notebooks may be needed later in the year..
- #2 pencils and pens - replenished during the year
- One handheld pencil sharpener with a shaving catcher
- Loose-leaf, lined paper. 500 Count to start. Students must replenish as needed.

Attendance Policy and Classroom Expectations:

- All scholars must attend class with the required materials, be on time, and participate.
- Scholars must be present 90% of class time each semester. This means scholars can not miss more than eight days a semester per class.
- Three tardies will equal one absence.
- All scholars are expected to be respectful to all individuals in the classroom at all times.
- There is to be no gum in the classroom.
- Scholars are to come to class prepared with all materials, including notebook paper, pens, and assignments.
- Any scholar absent from class has the same number of days as they are absent, plus one day to turn in missed

assignments. The scholar must find out what assignments were missed (check Google Classroom or ask the teacher as soon as possible). Failure to turn in missed work will result in a zero. Any assignment or project due on the day of absence must be turned in the following school day in attendance.

- Scholars have one week to meet with their teachers to set a date to make up a test. scholars have until the quarter ends to take a test missed due to absence. Only tests not made up will receive a grade of zero.
- All assignments must be completed by the day they are due.
- Academic Dishonesty: Plagiarism and cheating will not be allowed in this classroom! Zeros will be given for plagiarism and cheating, parents will be called, and further disciplinary actions may be taken. Plagiarism and cheating include copying another scholar's work.

Academic Meaning of a Grade:

The grades reported to parents and students will be divided into two parts. A traditional "A through F" grade will be given to reflect the percentage assigned to the academic work attempted by the scholar. It DOES NOT reflect the scholar's mastery of the content. In addition, scholars will be given a Mastery-Based Learning grade. The last grade of the year will express how well the scholar has mastered the state-required content.

For example, a scholar may be given an "A" for the traditional grade but a "2" on the Mastery-Based Grading system and would be reported as "A/2." Ideally, these grades will match up as "A/4."

- Grades should accurately reflect individual scholar achievement about course evidence outcomes related to Oklahoma Academic Standards / National Standards for the subject taught.
- A "3" on a task/assessment is considered proficient or meeting grade-level standards, while a "4" is considered advanced or meeting grade-level standards with high excellence.
- Extra credit is not applicable, but an extension or alternative assignments/assessments may be offered to show proficiency or advanced proficiency.
- Scholars are given timely feedback and reteach/relearn/reassessment opportunities are provided to promote proficiency in the standards.

Weighted Category:

Formative: 25%

Summative: 45%

Classwork: 20%

Participation: 10%

Grading Scale:

- A 90-100%
- B 80-89%
- C 70-79%
- D 60-69%
- F Less than 60%

Formative Versus Summative Scores: "Teachers record and track *formative scores* from individual assessments as indicators of students' knowledge or skill at particular moments in time. In comparison, *summative scores* are final scores based on the pattern of students' responses over time. Teachers may base each score on several common assessment forms, such as obtrusive, unobtrusive, and student-generated assessments. However, formative scores are used for tracking progress. In contrast, summative scores express students' mastery of a topic, generally at the end of a unit." -Robert Marzano

Enrichment/Remediation: Students who struggle on an assessment with one or more standards may be assigned enrichment during the school day and required to attend Saturday morning enrichment. When students have completed enrichment, they are given a reassessment to show their understanding of the standard. The grade on the reassessment will

replace the original grade.

Scholar Progress:

- Progress reports for scholars are prepared three times each year, midway through each 9-week grading period *except for the first quarter*. Parents **MUST** come onsite to pick up and sign for the progress report on the day they are issued. Parents/guardians of scholars making a “D” or “F” grade must meet with teachers then. If a parent/guardian does not attend this important meeting, their scholar will not be allowed back in class until the progress report is picked up and the meeting is attended. The conference will be scheduled according to the teacher's work schedule.
- School dismisses at 3:35 pm. Students not making adequate progress may be required to attend Saturday school and be assigned to Personalized Learning instead of an elective.