

Physical Science

2025-2026

Class Overview

Welcome to eighth-grade science! Here is a list of our major topics:

Scientific Inquiry • Matter • Periodic Table • Atoms • Bonding • Reactions • Acids & Bases • Motion, Forces & Energy • Waves • Sounds • Light • Electricity • Magnetism

Classes may consist of direct instruction, discussions, labs, projects, knowledge games, and other activities as appropriate. Additionally, much of our work will be added to our interactive notebooks, which will be checked periodically for completion. Homework may be assigned as needed.

*Physical Science is an SOL-assessed course. At the end of the year there will be an SOL to assess what the students have learned.

We'll be using Canvas as our online platform. Students can access this through their Canvas dashboard.

IMPORTANT: Please note that students will not be allowed to participate in labs until they have returned our safety contract with a parent or guardian signature!

Instructional Texts

Textbook: Elevate Science (Savvas)

We may use other online resources as needed (such as NewsELA)

Required Materials

1" binder or a 3 subject spiral notebook •
Pencil • Colored Pencils • Glue sticks •
Scissors • Highlighter

(Suggested: Earbuds/headphones)

Link to Our SOLs

<https://www.doe.virginia.gov/home/showpublisheddocument/15768/638035153395770000>

Contact Info

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Grading

Homework/Classwork: 20%

Quizzes/Labs: 30%

Tests/Projects: 50%

Class Expectations

Students are expected to demonstrate five key character traits:

- *Respect*
- *Responsibility*
- *Kindness*
- *Integrity*
- *American Citizenship*

Late/Make-Up Work

Students who are absent must complete the work they missed. It is their responsibility to collect this work. Students will be given adequate time to complete these assignments.

There are two deadlines per quarter for late assignment submission. Any assignment that is not turned in by the respective 4.5 or 9 week reporting periods will remain a 0% in the gradebook. For example, if an assignment was due week 2, it must be submitted by the 4.5 interim. *There will be no extra credit offered.*

Benchmark Dates

Fall Midterm Benchmark: 10/15/25

Spring Midterm Benchmark: 3/11/26