

Physical Science B

Course Description:

Physical Science B is the second semester course designed to expose the student to the fundamentals of the nature of matter and the laws and theories that govern chemistry. In this course, students will spend time studying the building blocks of matter, how atoms form compounds, chemical reactions, and acid base theory.

This course meets the Idaho State Standards for Physical Science. Idaho Lab Science Requirement: This course fulfills the lab science requirement by the State of Idaho in that there are weekly opportunities to manipulate equipment, materials, specimens or develop skills in observation and analysis and discover, demonstrate, illustrate or test scientific principles or concepts. The standards covered in this course are aligned to meet grades 9-12 physical science standards. Middle school students may find this course more rigorous than a traditional middle school course. This course is a [Quality Matters](#) certified online course.

Unit Titles:

Unit 1: Introduction to Science, Matter and Composition
Unit 2: Chemical and Physical Properties and Density
Unit 3: Atomic Structure
Unit 4: The Periodic Table
Unit 5: Chemical Bonding
Unit 6: Chemical Reactions
Unit 7: Solutions, Acids and Bases
Unit 8: Nuclear Chemistry

[Course Map & Standards Alignment](#)

Suggested Prerequisites:

None

Compatibility:

This course is Chromebook compatible.

Required Textbooks and Resources:

There is no textbook required for this class. All required resources are available through the online course.

Here is a [Physical Science B lab supply list](#).

Technical Requirements for Course Activities:

A laptop or desktop computer less than 6 years old with the latest release of browser and operating system.

A high-speed internet connection.

A current email account.

Chrome, Edge, or Firefox web browser.

A headset with a microphone.

Create files with a word processor.

Save, download, and attach files to submit assignments.

Work in multiple tabs within an Internet browser.

Other technical skills will be taught within the course.

Accessibility and Assistive Technology:

Visit the [Accessibility Tools](#) for assistance and information on assistive technology available to you.

Technical Support:

The Resources tab in your class also provides information about how to access technical support and is found under the same Resources tab as the Accessibility and Assistive Technology.

Phone: 1-208-342-0207

Email Address: support@idla.k12.id.us

Office Hours: 7:00 a.m. to 6:00 p.m. (MST) Monday through Friday

Other Policies:

Visit the [Parent/Student Resources website](#) to obtain information about other policies such as fees, drop deadlines, how to enroll, how grades will be reported, and how to set up your proctored final exam.

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