

SC203OR/ Physical Science 2 CR Syllabus

Course Title-----	Physical Science 2 CR
Course Number-----	SC203OR
Grades:-----	09-09
High School Credit Value:-----	0.5
Prerequisites:-----	A transcript or other documentation is required to show the student has previously taken the course and not earned credit.
Course Length:-----	Regular courses: 17 weeks CR: 9-17 weeks.
Course Time:-----	Regular courses: 17 week schedule: 75 - 90 minutes per school day (6-7.5 hours per week) Credit Retrieval: 75 - 90 minutes per school day (6-7.5 hours per week) until course completion.

{ Course Description }

Credit Retrieval Physical Science 2 is for students who have already taken and failed second semester physical science. The course represents a way for those students to earn the credit by meeting or exceeding minimum standards to pass each assigned lesson. Subject matter includes the motion, force, waves, astronomy and scientific inquiry.

Course Materials:

Technical requirements include the ability to download and use freeware such as Adobe Acrobat and Flash.

State Alignments

Washington State Standards guided the design of the course. Learning expectations are found within the course itself.

The following standards will be covered in this course.

1. Motion of Objects: Describe the average speed, direction of motion, and average acceleration of objects, for example, increasing, decreasing, or constant acceleration.
2. Nature of Forces: Identify various forces and their relative magnitudes, and explain everyday situations in terms of force.
3. Forces to Explain Motion: Explain the effects of unbalanced forces in changing the direction of the motion of objects.
4. Energy Source and Kinds: Understand many forms of energy as they are found in common

situations on earth and in the universe

5. Understand and apply content/academic vocabulary critical to the meaning of the text, including vocabularies relevant to different contexts, cultures, and communities.
6. Apply comprehension-monitoring strategies for informational and technical materials, complex narratives, and expositions; synthesize ideas from selections to make predictions and inferences.
7. Analyze and evaluate text for validity and accuracy.
8. Apply understanding of text and graphic features (titles, headings, table of contents, indexes, glossaries, prefaces, appendices and captions)

Course Math Standards

9. Understand how to convert units of measure within a system.
10. Apply procedures to solve equations and systems of equations.

Course Outline

Unit 1 Motion

Unit 2 Force

Unit 3 Waves

Unit 6 Scientific Inquiry

Course Work

The amount of time a student is expected to put in depends on the nature of the Written Student Learning Plan. Typically, students are expected to put in 6-8 hours per week to complete their lessons. Lessons should be turned in as soon as they are completed and not turned in in large bulk emailings. Lessons should be turned in via email in most cases and exceptions must be approved by the instructor first.

Grading

Occupational Credit:

This course may qualify for *occupational credit. Please consult your school counselor for further clarification.

*Please note that FLA901 (Sign Language) does not qualify for occupational credit.

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