

Grade Level:	5th
Class Title:	Science
Subject:	Science
Class Description:	<p>This class will encourage the student’s natural curiosity to become a better questioner, observer, and thinker. The Student will develop the ability to use simple tools and to solve problems in creative ways.</p> <p>This course will introduce the student to the fundamentals of the following Science topics:</p> <p>Physical Science</p> <ul style="list-style-type: none"> • Students are able to describe that matter is made of particles too small to be seen through the development of a model. • Students develop an understanding of the idea that regardless of the type of change that matter undergoes, the total weight of matter is conserved. • Students determine whether the mixing of two or more substances results in new substances. <p>Life Science</p> <ul style="list-style-type: none"> • Using models, students can describe the movement of matter among plants, animals, and decomposers, and the environment and that energy in animals’ food was once energy from the sun. • <p>Earth and Space</p> <p>Students are expected to develop an understanding of patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.</p> <p>This class will work toward one or more state standards. This will be a year-long class, spanning the 2022-2023 school year.</p> <p>The estimated instructional hours for this class are ____per week. State Cedars Code: 03239 This remote class is overseen by the certificated teacher/consultant.</p>
	Learning Materials:
Learning Goals/ Performance Objectives:	<ol style="list-style-type: none"> 1. Observe and describe using senses 2. Compare and Contrast important points and key details-CCS 3. Ask questions about key details in text-CCS 4. Use information from illustrations or text to demonstrate understanding of key details in a text-CCS 5. Recall information-CCS 6. Sort and Classify 7. Explore Cause and Effect 8. Examine ideas with in topic of study 9. Find examples in nature 10. Summarize topics 11. Identify main idea-CCS 12. Describe connections between scientific ideas or concepts 13. Recognize ideas and vocabulary with in topic of study 14. Measure and order by weight, capacity, height, length, and temperature

15. Integrate information from two texts on the same topic-CCS

A team of certificated teachers who are highly qualified in this subject matter has reviewed this WSLP. This is just a sample of learning goals. Other learning goals are available to view by going to OSPI's website. <https://www.k12.wa.us/student-success/learning-standards-instructional-materials>

Learning Activities:

- The student will read for 50 minutes for information on a topic each week
- The student will participate in conducting one experiment each week
- The student will present orally once each month
- The student will complete a research project each month
- The student will complete ____pages per week/month in Science workbook
- The student will compare and contrast two objects (using a Venn diagram) each month
- The student will draw or label a diagram each month
- The student will keep a list of vocabulary words for the topic of study each month

**Progress Criteria/
Methods of Evaluation:**

The student will keep a portfolio of weekly work samples and any written assessments to present to consultant at face-to-face meetings each month. Monthly assessments will be completed by the consultant/certified teacher. Monthly Progress will be marked satisfactory or unsatisfactory based on the professional judgment of the certified teacher using parent input, work samples, and monthly assessments.