

INSTRUCTOR
 Kristin Beeby
Kbeeby@sd22.bc.ca

RECOMMENDE PRE-REQUISITES
 N/A

CREDITS
 4

OVERVIEW

Science 9 further develops students' understanding of fundamental concepts of chemistry, biology, physics, and earth science while developing scientific inquiry, critical thinking, and problem-solving skills. The course encourages students to explore the natural world through observation, experimentation, and analysis.

Science 9 focuses on the following Big Ideas:

Big Ideas

[Cells are derived from cells.](#)

[The electron arrangement of atoms impacts their chemical nature.](#)

[Electric current is the flow of electric charge.](#)

[The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.](#)

The Big Ideas, Content, and Curricular Competencies for this course can be found here: [Science 9](#).

The course is broken down as follows:

- **Unit 2: Chemistry**
- **Unit 1: Biology**
- **Unit 3: Physics**
- **Unit 4: Earth Science**

ASSESSMENT

Students will have the opportunity to demonstrate their learning through a variety of means such as: projects, quizzes, reflections, and learning guides, as well as in-person activities with UBCO's WWEST. Student growth and progress will be shared and communicated using the Provincial Proficiency Scale.

The Provincial Proficiency Scale	EMERGING	DEVELOPING	PROFICIENT	EXTENDING
	The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning.

REGISTRATION

Please note – vLearn is a District Online School and can only serve students in the SD22 Catchment Area. Grade 8/9 students need approval from their home school administrator to take courses with vLearn. Please use your SD22 email address to register (000000@sd22.bc.ca)



[Click HERE
to register](#)