



# Science 8

Students will develop the science-related knowledge, skills and attitudes that they need to solve problems and make decisions, and at the same time help them become lifelong learners—maintaining their sense of wonder about the world around them.

The Alberta Program of Studies tells what students are expected to learn in science courses. These expectations are called learning outcomes. The learning outcomes are organized into five units

Unit	Time Period
<b>Mix and Flow of Matter</b>	Sept - Oct
<b>Cells and Systems</b>	Nov - Dec
<b>Light and Optics</b>	Jan
<b>Mechanical Systems</b>	Feb - March
<b>Fresh and Salt Water Systems</b>	April - May
<b>Review and Final Exam</b>	June

## Learning in an Online Environment

This course is delivered to you in an online environment. You will access your class through Google Classroom. You can look forward to using resources such as interactive multimedia and the Internet for various activities. Computer simulations, multimedia, graphics, and electronic information will also be available to support your learning. Personal phones or iPods are not allowed to be used for exams as calculators or during exams. Recording video or taking pictures of others without consent are not permitted. Respectful behaviour and language transfers to anything posted in Google Classroom.

## Required Materials

Ensuring you are set-up to learn in an online environment helps lay the foundation for your success in this course. Key items include: a scientific calculator, a ruler, a student writing tablet ( Ex: Wacom Student Drawing Tablet), a headset (blocks out external noise), and a laptop (second monitor optional). A [supply list](#) is available on the SPVA website.



## Assessment

Marks will be available for students and parents to view on PowerSchool. You will need your Username and password. If you are not sure what these are, please contact our [main office](#).

The Science 8 mark consists of summative assessments (assignments, quizzes, tests, projects) taken throughout the year as well as a final exam. There will also be formative assessments - practice work to allow students to see how well they know the outcomes and prepare for the summative assessments.

Assessment Component		Individual Weightings	Students are allowed to bring in a single-sided 8 ½ x 11 study sheet for each exam.
Coursework (90%)	Assignments	40%	
	Quizzes	10%	
	Projects	10%	
	Unit Exams	30%	
Final Exam		10%	

### Additional Information and Expectations

All students and staff are expected to treat each other with respect. Please refer to the Class Expectations that were created together and agreed upon in the Google Classroom. For more information, please refer to our [website](#).