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Course: Science for Citizens 11
Teacher: Ms. Leila Dianati
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Course Length: 10 months
 (approx. 120 hours)

Course Curriculum

The curriculum for this course is organized around these Big Ideas:

<p>Scientific processes and knowledge inform our decisions and impact our daily lives.</p>	<p>Scientific knowledge can be used to develop procedures, techniques, and technologies that have implications for places of employment.</p>	<p>Scientific understanding enables humans to respond and adapt to changes locally and globally.</p>
<p><i>Students are expected to know the following:</i></p> <ul style="list-style-type: none"> • evidence-based decision making through science • personal and public health practices, including First Peoples traditional health and healing practices • impact of technologies • personal safety and awareness • workplace safety • certifications • practical applications of science in the workplace • impacts of technology in the workplace • applications of materials science • beneficial scientific innovations • natural hazards and responses • human impact on Earth's systems: <ul style="list-style-type: none"> ▪ natural resources ▪ effects of climate change • actions and decisions affecting the local and global environment, including those of First Peoples. 		

Mark Weighing

Category	Weighing
Learning Guide	30%
Projects	30%
Module Exams	40%

Resources

- Textbook not required.

Course Content

Completion of items in bold and underline will activate a student in this course

Module		Units	Formative Assessment
1 Science in Our Bodies	<ul style="list-style-type: none"> • 1 Module Project • 1 Module Exam 	1: Health and Nutrition	1 Assignment
		2: Health and Lifestyle	1 Assignment
		3: Substances, Supplements, and Your Health	
		4: Home Technologies	1 Assignment
		5: Chemicals in the Home	
2 Forensics	<ul style="list-style-type: none"> • 1 Module Project • 1 Module Exam 	6: Forensics Science	1 Assignment
		7: Crime Scene Investigator – Part 1	
		8: Crime Scene Investigator – Part 2	
		9: Estimating Time of Death	1 Assignment
		10: Examining Questioned Documents	
		11: Hair and Fibre Analysis	1 Assignment
		12: Analyzing Chemical Substances	
		13: Fingerprinting	
		14: DNA and Identity	
15: Forensics Anthropology			
3 Personal Technologies	<ul style="list-style-type: none"> • 1 Module Project • 1 Module Exam 	16: Workplace Chemicals and Safety	1 Assignment
		17: Waste Recycling and Disposal	1 Assignment
		18: Jobs in Materials Science	
4 Science in Our World	<ul style="list-style-type: none"> • 1 Module Project • 1 Module Exam 	19: Extreme Weather Events	1 Assignment
		20: Disaster Preparedness	
		21: Agricultural Practices and Processes	
		22: Energy Generation	1 Assignment
		23: Sustainability of Resources	

SCCT11

Students are expected to:

- contact the teacher by email or phone when help is needed, or questions arise
- be actively engaged and submitting work on a regular basis
- inform the teacher when they will be inactive for two or more weeks.
- be aware that if they are inactive in a course for four or more weeks they may be removed from that course
- check their email at least twice a week
- create and submit completed solutions for all activities in the unit/chapter before requesting a test.
- cite all sources properly
- answer in their own words
- check that their work and tests have been marked.
- make appointments to write tests at least 2 school days in advance.