Saskatchewan

Grade	Course Name and Number	Unit/Module	Outcome/Objective
11	Social Studies 20	Unit 3 Concept: Environment	**Foundation Objective:** Know that resources are those parts of the environment considered valuable because they meet human needs.
11	Social Studies 20	Unit 3 Concept: Environment	**Foundation Objective:** Practice dialectical thinking skills: make a value claim expressing what is good, right, or worthwhile concerning a problem; and provide lines of support for taking that particular position on the issue; set out the counter argument to the issue and provide lines of support for it; and come to a dialectical conclusion.
12	Physics 30	Core Unit IV: Nuclear Physics B: Nuclear Reactors	**Learning Outcome 4:** Recognize the role that Saskatchewan and Canada play in nuclear technology.
12	Physics 30	Core Unit IV: Nuclear Physics B: Nuclear Reactors	**Learning Outcome 13:** Using a solid knowledge base of all of the previous outcomes, develop a position which either supports or rejects the use of nuclear energy for peaceful purposes.
12	Physics 30	Core Unit IV: Nuclear Physics A: Natural Radioactivity	**Common Essential Learning:** Understand the personal, moral, social and cultural aspects of physics.
12	Physics 30	Core Unit IV: Nuclear Physics A: Natural Radioactivity	**Common Essential Learning:** Develop as "strong sense" critical and creative thinkers.
10, 11, 12	Energy and Mines 10, 20, 30	Module 1: Introduction to Energy and Mines (Core)	**Foundational Objective:** To demonstrate knowledge of the diversity and significance of Saskatchewan energy and mining industries.
10, 11, 12	Energy and Mines 10, 20, 30	Module 1: Introduction to Energy and Mines (Core)	**Common Essential Learning:** To develop and practice appropriate research and analytical skills.
10, 11, 12	Energy and Mines 10, 20, 30	Module 4: Sustainability (Core)	**Foundational Objective:** To demonstrate knowledge of the diversity and economic, social and environmental significance of Saskatchewan energy and mining industries.
10, 11, 12	Energy and Mines 10, 20, 30	Module 4: Sustainability (Core)	**Learning Objective 4.2:** To collect and interpret data on the economic impact of the energy and mining industries on the local, provincial and national economies.
10, 11, 12	Energy and Mines 10, 20, 30	Module 4: Sustainability (Core)	**Learning Objective 4.4:** To explore the environmental impact, both short-term and long-term, of common methods of mineral resource exploration, extraction, transportation, processing and consumption.

10, 11, 12	Energy and Mines 10, 20, 30	Module 4: Sustainability (Core)	**Common Essential Learning:** To develop appropriate research and analytical skills to gather, examine and interpret statistical data.
10, 11, 12	Energy and Mines 10, 20, 30	Module 4: Sustainability (Core)	**Common Essential Learning:** To gather and interpret information on complex social and environmental issues, from a variety of primary and secondary sources.
10, 11, 12	Energy and Mines 10, 20, 30	Module 12: Uranium - Formation, Location and Exploration (Optional)	**Foundational Objective:** To become familiar with some of the history of Saskatchewan's resource industries.
10, 11, 12	Energy and Mines 10, 20, 30	Module 12: Uranium - Formation, Location and Exploration (Optional)	**Foundational Objective:** To assess the environmental impact of resource exploration, production, transport and processing.
10, 11, 12	Energy and Mines 10, 20, 30	Module 12: Uranium - Formation, Location and Exploration (Optional)	**Foundational Objective:** To assess the efforts made by the resource industry to protect the environment.
10, 11, 12	Energy and Mines 10, 20, 30	Module 12: Uranium - Formation, Location and Exploration (Optional)	**Learning Objective 12.3:** To outline major events in the history of uranium exploration and mining in Saskatchewan and some of the social changes that have taken place as a result of uranium mining.
10, 11, 12	Energy and Mines 10, 20, 30	Module 13: Uranium - Production and Processing (Optional)	**Learning Objective 13.2:** To identify the main technological challenges in uranium mining and describe some of the major changes in mining technology over the past 50 years.
10, 11, 12	Energy and Mines 10, 20, 30	Module 14: Uranium - Refinement, Distribution and Uses (Optional)	**Learning Objective14.5:** To explore Canada's historic role in the development and application of nuclear energy, including both commercial and military uses and our country's current research and development initiatives in the nuclear industry.
10, 11, 12	Energy and Mines 10, 20, 30	Module 14: Uranium - Refinement, Distribution and Uses (Optional)	**Common Essential Learning:** To research nuclear technology and nuclear issues using the Internet.
10, 11, 12	Energy and Mines 10, 20, 30	Module 14: Uranium - Refinement, Distribution and Uses (Optional)	**Common Essential Learning:** To use statistics and economic data in exploring aspects of the nuclear industry.
10, 11, 12	Energy and Mines 10, 20, 30	Module 14: Uranium - Refinement, Distribution and Uses (Optional)	**Common Essential Learning:** To examine and present arguments on both sides of controversial issues.