

CURRICULUM ALIGNMENT – Picture This: Scientists on Stamps

Saskatchewan

Grade	Course Name and Number	Unit/Module	Specific Outcome
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 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)	Common Essential Learning: To develop and practice appropriate research and analytical skills.
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 14: Uranium - Refinement, Distribution and Uses (Optional)	Learning Objective 14.5: 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.