CURRICULUM ALIGNMENT – Attack of the 50 Foot Mutant: Radiation in Popular Culture

Saskatchewan

Grade	Course Name and Number	Unit/Module	Specific Outcome
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.
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 A: Natural Radioactivity	**Learning Outcome 14:** Recognize that radioactivity cannot be detected by human senses.
12	Physics 30	Core Unit IV: Nuclear Physics A: Natural Radioactivity	**Learning Outcome 15:** Suggest some important implications arising from the fact that radioactivity cannot be detected by human senses.
12	Physics 30	Core Unit IV: Nuclear Physics A: Natural Radioactivity	**Learning Outcome 4:** Realize that radioactivity is found in both natural and artificial sources.
12	Physics 30	Core Unit IV: Nuclear Physics A: Natural Radioactivity	**Learning Outcome 5:** Recognize that people are constantly being exposed to radiation from a variety of sources.
12	Physics 30	Core Unit IV: Nuclear Physics A: Natural Radioactivity	**Learning Outcome 8:** State the number of different types of radiation found in nature.
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.
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.