

# CURRICULUM ALIGNMENT – Food Irradiation: What’s the Scoop?

## Saskatchewan

Grade	Course Name and Number	Unit/Module	Specific Outcome
12	Physics 30	Optional Unit VIII: Atomic Physics D. Applications	<b>Learning Outcome 1:</b> Describe an application of nuclear energy (other than fusion reactors).
12	Physics 30	Optional Unit VIII: Atomic Physics D. Applications	<b>Learning Outcome 2:</b> Identify the type of fuel used in that application.
12	Physics 30	Optional Unit VIII: Atomic Physics D. Applications	<b>Learning Outcome 4:</b> Identify some of the main uses of the specific application of nuclear energy.
12	Physics 30	Optional Unit VIII: Atomic Physics D. Applications	<b>Learning Outcome 6:</b> State some of the facts that supporters of nuclear energy use to substantiate their position for the use of that application.
12	Physics 30	Optional Unit VIII: Atomic Physics D. Applications	<b>Learning Outcome 7:</b> Identify some of the concerns that critics raise regarding the use of nuclear energy for the specific application.
12	Physics 30	Optional Unit VIII: Atomic Physics D. Applications	<b>Learning Outcome 9:</b> Develop a position which either supports or rejects the use of nuclear energy for a specific application.
12	Physics 30	Optional Unit VIII: Atomic Physics D. Applications	<b>Learning Outcome 10:</b> Defend a position which either supports or rejects the use of nuclear energy for a specific application.