

CURRICULUM ALIGNMENT – From the Outside In: Biological Effects of Radiation

Nova Scotia

Grade	Course Name and Number	Topic	Specific Outcome
9	Science 9	Reproduction (Genetics)	Specific Curriculum Outcome 305-5: Discuss factors that may lead to changes in a cell's genetic information.
9	Science 9	Reproduction (Genetics)	Specific Outcome 209-5, 210-8: Select and integrate genetics information from various sources and apply criteria for evaluating evidence and sources of information.
12	Physics 12	Radioactivity: Natural and Artificial Sources of Radiation	Specific Curriculum Outcome 213-7: Select and integrate information from various print and electronic sources or from several parts of the same source.
12	Physics 12	Radioactivity: Radioactive Decay	Specific Curriculum Outcome 329-4: Describe the products of radioactive decay and the characteristics of alpha, beta and gamma radiation.
12	Biology 12	GCO Knowledge	Specific Curriculum Outcome 315-6: Describe factors that may lead to mutations in a cell's genetic information.
12	Biology 12	GCO Knowledge	Specific Curriculum Outcome 315-8: Explain circumstances that lead to genetic diseases.
12	Biology 12	GCO Skills	Specific Curriculum Outcome 213-6: Use library and electronic research tools to collect information on a given topic.
12	Biology 12	GCO Skills	Specific Curriculum Outcome 213-7: Select and integrate information from various print and electronic sources or from several parts of the same source.
12	Biology 12	GCO Skills	Specific Curriculum Outcome 215-2: Select and use appropriate numeric, symbolic, graphical and linguistic modes of representation to communicate ideas, plans and results.