

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

New Brunswick

Grade	Course Name and Number	Unit	Specific Outcome
9	Science 9	Genetics	Discuss factors that may lead to changes in a cell's genetic information (305-5).
12	Biology 12	Unit 1 - Genetic Continuity	NB Prescribed Outcome 315-4, 315-7: Explain what is meant by a gene mutation and predict, in general, the effect on protein synthesis. Describe how a mutation can be a source of genetic variability.
12	Biology 12	Unit 1 - Genetic Continuity	NB Prescribed Outcome 315-6: Describe factors that can lead to mutations, including those that cause genetic diseases.
12	Biology 12	Unit 1 - Genetic Continuity	NB Prescribed Outcome 213-5: Compile and organize data, using appropriate formats and data treatments to facilitate interpretation of the data.
12	Biology 12	Unit 1 - Genetic Continuity	NB Prescribed Outcome 213-7: Select and integrate information from various print and electronic sources or from several parts of the same source.
12	Biology 12	Unit 1 - Genetic Continuity	NB Prescribed Outcome 215-2: Select and use appropriate numeric, symbolic, graphical and linguistic modes of representation to communicate ideas, plans and results.