

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

Nunavut

Grade	Course Name and Number	Unit	Specific Outcome
10	Science 10	Unit A: Energy and Matter in Chemical Change (Nature of Science Emphasis)	Specific Outcome (Performing and Recording): Use library and electronic research tools to collect information on a given topic.
10	Science 10	Unit A: Energy and Matter in Chemical Change (Nature of Science Emphasis)	Skill Outcome (Communication and Teamwork): Select and use appropriate numeric, symbolic, graphical and linguistic modes of representation to communicate ideas, plans and results.
10	Science 10	Unit A: Energy and Matter in Chemical Change (Nature of Science Emphasis)	Skill Outcome (Communication and Teamwork): Communicate questions, ideas and intentions; and receive, interpret, understand, support and respond to the ideas of others.
10	Science 10	Unit A: Energy and Matter in Chemical Change (Nature of Science Emphasis)	Attitude Outcome (Scientific Inquiry): Seek and apply evidence when evaluating alternative approaches to investigations, problems and issues.
10	Science 10	Unit A: Energy and Matter in Chemical Change (Nature of Science Emphasis)	Specific Outcome 4.6: Investigate the effect of mutagens and radiation on genes and chromosomes and the implications for inheritance of genetic disorders.
10	Science 10	Unit A: Energy and Matter in Chemical Change (Nature of Science Emphasis)	Attitude Outcome (Interest in Science): Show interest in science-related questions and issues, and confidently pursue personal interests and career possibilities within science-related fields.
12	Biology 30	Unit C: Cell Division, Genetics and Molecular Biology	Specific Outcome 30–D3.4s: Work collaboratively in addressing problems and apply the skills and conventions of science in communicating information and ideas and in assessing results.
12	Biology 30	Unit C: Cell Division, Genetics and Molecular Biology	Specific Outcome 30–D2.6k: Describe the main types and sources of radioactive decay and resulting ionizing radiation; i.e. alpha (α), beta (β) and gamma (γ) decay.
12	Physics 30	Unit D: Atomic Physics	Specific Outcome (Performing and Recording): Use library and electronic research tools to collect information on a given topic.
12	Physics 30	Unit D: Atomic Physics	Skill Outcome (Communication and Teamwork): Select and use appropriate numeric, symbolic, graphical and linguistic modes of representation to communicate ideas, plans and results.
12	Science 30	Unit D: Energy and the Environment	Skill Outcome (Communication and Teamwork): Communicate questions, ideas and intentions; and receive, interpret, understand, support and respond to the ideas of others.