

CURRICULUM ALIGNMENT – Flying the Radioactive Skies

Alberta

Grade	Course Name and Number	Unit	Specific Outcome
11	Science 24	Unit C: Disease Defence and Human Health (Social and Environmental Emphasis)	Specific Outcome 1.1: Describe, in general terms, how human diseases may arise from an interaction of variables, including poor nutrition, stress, pathogens and environmental contamination.
11	Science 24	Unit C: Disease Defence and Human Health (Social and Environmental Emphasis)	Specific Outcome 4.6: Investigate the effect of mutagens and radiation on genes and chromosomes and the implications for inheritance of genetic disorders.
12	Physics 30	Unit D: Atomic Physics	Specific Outcome 30–D3.1k: Describe the nature and properties, including the biological effects, of alpha, beta and gamma radiation.
12	Physics 30	Unit D: Atomic Physics	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.