

CURRICULUM ALIGNMENT – Understanding Isotopes

Prince Edward Island

Grade	Course Name and Number	Topic	Specific Outcome
9	Science Grade 9	Physical Science: Atoms and Elements	<p>Outcome 109-13, 307-14: Use models in describing the structure and the components of atoms and molecules, and explain the importance of choosing words that are scientifically appropriate, including:</p> <ul style="list-style-type: none">• determine the number of protons and electrons in the atom of an element, given its atomic number;• determine the number of protons, electrons and neutrons, given the mass number and atomic number; and• be able to write the appropriate symbol for an isotope, given the number of protons and neutrons.