

RUTHERFORD'S DEN EDUCATION PROGRAMMES – SECONDARY

Curriculum Strand	Programme	Year Level	Duration	Themes	Info
Science – Physical world	Radioactivity, from the old to the new	Years 12 & 13	75 mins	Physical World, Nature of Science. NCEA Level 2 Progression of structure of atom, radioactive decay, half-life, gold foil experiment.	At Rutherford's Den. Relates directly to achievement standard, compares and contrasts different models of the atom and how they evolved over time, including interactive research on Rutherford's Gold foil experiment.
Science – Material world	Atoms Matter	Years 9 & 10	90 mins	Material World, Nature of Science.	Small, interactive group activities on atomic structure, Nature of Science, atoms, molecules and compounds, and the periodic table. <i>Teachers will be asked to help facilitate a table.</i>

