

# ARTS CENTRE EDUCATION PROGRAMMES – SECONDARY

Curriculum Strand	Programme	Year Level	Duration	Themes	Info
<b>Science – Physical world</b>	Radioactivity, from the old to the new	Years 12 & 13	90 mins	Physical World, Nature of Science. NCEA Level 2 Progression of structure of atom, radioactive decay, half-life, gold foil experiment.	<b>At Rutherford's Den.</b> 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.
<b>Science – Material world</b>	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>

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