

Arts Centre Education Programmes | Secondary

Curriculum Subject	Programme	Year Level	Duration	Contexts
Science	Sensational Science	Years 9 & 10	60 mins	Chemical and physical reactions – dazzling experiments that inspire. Atomic structure, Rutherford's science. Nature of Science, molecules and compounds and the periodic table. Science capabilities.
Science Physical world	Radioactivity, from the old to the new	Years 12 & 13	75 mins	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. Physical world, nature of science. <i>NCEA Level 2</i> Progression of structure of atom, radioactive decay, half-life, gold foil experiment.
Science Material world	Atoms Matter	Years 9 & 10	90 mins	Small, interactive group activities on atomic structure, Nature of science, science capabilities, atoms, molecules and compounds, and the periodic table. Material world, nature of science.

We cater for groups of up to 30 and please allow 1.5 hours for your visit. Our programmes support all of the key competencies:

- Thinking
- Using language, symbols and texts,
- Managing self
- Relating to others
- Participating and contributing

Approved and funded by:



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Te Matatiki Toi Ora