

## Science and Technology Education Programmes

Programme	Description	Nature of Technology	Innovation	Scientific Inquiry	Digital	Collaborative
<b>Primary and Secondary Programmes</b>						
Communications	Reflect on how developments in technology have shaped the way we communicate. How will we communicate in the future?	Y				
Inventions and Innovations	Discover innovative New Zealanders and products along with other world-changing inventions and innovations.	Y				
The Nature of Technology	Explore developments in technology and the impacts of different technologies on the environment and society.	Y				Y
Hangarau	Explore traditional activities and pastimes that demonstrate the technology of Aotearoa.	Y	Y			
3D Design and Printing	Create worlds, environments, and creatures or take an idea and start prototyping in 3D software. Then bring it to life in our 3D printing class.		Y		Y	Y
Life Hack	Take inspiration from Kiwi innovators and use the Design Thinking process to solve a local problem.		Y	Y		Y
Digital Game Design	Design, create and test a digital game. No coding knowledge is required.		Y	Y	Y	Y
Science in Action	From rocket science to kitchen science, learn what it takes to be a scientist while having fun along the way.		Y	Y		Y
Robocode	Dive into the world of coding and robotics by programming a robot.		Y		Y	Y
Robotic Engineering	Explore the world of robotic engineering by building a robot to complete a given task.		Y		Y	Y
Game Making and App Development	Build art, math, and coding skills while learning how to develop applications and games.		Y		Y	Y
Electronic Engineering	Explore electric circuits while making fun projects, using everything from Makey Makeys, Micro bits to Arduinos.		Y	Y	Y	Y