



Science Learning Matrix
Curriculum Level 6
Learning Area Whakataukī:

*Mā te whakaaro nui e hanga te whare; Big Ideas create the house;
mā te mātauranga e whakaū. knowledge maintains it.*

Big Ideas			
Science knowledge is contested and refined over time	Science uses different inquiry approaches to develop understanding	Science uses subject-specific literacy to communicate knowledge	Science-based information can be used in decision making and action
Significant Learning			
At Curriculum Level 6, ākonga will...			
<ul style="list-style-type: none">engage with the iterative process of science investigation through innovation, problem solving, inquiry, collaboration, and evaluationrecognise how different approaches can be used in science investigationsconsider mātauranga Māori alongside science in contexts that relate to Aotearoa New Zealandconsider Pacific knowledges alongside science in contexts that relate to the Pacificconsider how different perspectives can be used when making decisions on socio-scientific issuesidentify interrelationships between science practices, technological advances, mātauranga Māori, and the practical advancement of science knowledgerecognise that scientific ideas are developed through critical and creative thinking, regulated by evidencerecognise that science ideas are communicated using a range of methods with discipline-specific practicesconsider how the values and needs of a society can influence the focus of scientific endeavoursuse science understanding to critique claims or predictions made in communicated information.			