

Course Title	Learning Leaders	Course Code	Driving Question	Description of Learning	NZ Curriculum Disciplines	Course costs	Stationery Requirements
Architecture of the Future	<a href="#">Wm and Je</a>	11AOF	What is the future of Architecture?	Learners will be engaged in the physical and environmental issues considered by Architects to solve problems associated with public and private spaces by analysing historical and contemporary architecture in order to design architecture of the future using multimedia digital technology. Contexts will include historical and contemporary architecture and urban design and learners will consider how they personally relate to public and private spaces, how architecture influences their lives. Learners will also consider healthy living buildings, architecture for the disabled or infirm, cultural and indigenous architecture, environmental and sustainable, socially conscious design.	Digital Technologies, English, Mathematics	Nil	A4 tracing paper pad, 2H and 2B pencils, Artline 210 medium 0.6 black & blue felt pens, scale ruler, pencil sharpener, A4 envelope folder, approx \$20 printing credit
Designing the write stuff!	<a href="#">Sg and Mc</a>	11DWS	Can I build my material wealth through materials technology?	Learners will be engaged in thinking creatively about a product where they will analyse research data to design and create a product in the workshop with the intention of selling it as a small business venture. Contexts could/will include small household items or based on a storage theme. This course will highlight the Whanau lifelong values of competence in making, repairing or repurposing things and develop the confidence to be able to create and design and build the end product.	English, Workshop Technology and Generic Technology	\$20 per trimester for workshop materials and consumables	A3 clear folder
Evolocity: Electric Vehicles – Transport of the Future	<a href="#">Mm and Su</a>	11EVT	How can I make a sustainable difference to the traffic woes in Auckland?	Learners will be engaged in creating a portfolio of work to design and construct a prototype of an electric vehicle enabling them to become a creative thinker and problem solver. Contexts could include knowledge of design, environment and human interactions, scientific enquiry looking at issues such as traffic congestion, global warming, sustainability, renewable energy, carbon emissions, looking for local solutions to global problems.	Technology, Design and Visual Communication, Education for Sustainability	\$20 per trimester for workshop materials and consumables	1B5, A4 Clear folder 20 pages, HB pencils, erasers, coloured pencils, \$10 printing credit
Finding my Voice	<a href="#">Ms and Ro</a>	11FMV	How can the lessons of the past prepare us and empower us for a better future?	Learners will be engaged in researching, analysing, thinking, creating and presenting their learning and understanding about a particular social issue to an audience. Contexts could include apartheid, racism, parihaka, obesity, sugar tax, and school food. This course will highlight the Whanau lifelong values of connections to their forbears, character to stand up for what they believe to be right and just, competence to put their ideas into action and confidence to follow through to the end.	English, Social Studies, Mathematics and Food Technology	\$25 for foods, \$25 for trip to Othello (Trimester 1 only)	1B5, 20-page clearfile for foods
Growing great People	<a href="#">Ml and Sport 3</a>	11GGP	How can I use my passion for culture and sport to help me succeed in other areas of life?	Learners will be engaged in thinking creatively and critically about how they can use passion for their culture and sport to help them succeed in other areas of their life. Learners will be using the statistical enquiry cycle to make comparisons between groups in a population e.g. Polyfest groups or sports teams. Learners will explore and describe factors that influence their own participation in a physical activity and demonstrate strategies to improve performance. Contexts could include being actively involved in carrying out practices, using number strategies and measurement to collect data, using data representations to analyse and make judgement statements with the aid of graphs and other statistical tools. This course will highlight all the Whanau life long values of Whakapapa, Ahuatanga, Maatau and Tu Maia.	Mathematics, English, Health and Physical Education	Nil	1B5
Learning through Play	<a href="#">Mh and Hk</a>	11LTP	How can AC learners encourage and develop the learning of young children from local childhood centres?	Learners will be engaged in thinking creatively, solving problems through analysing, designing, developing prototypes and producing a final outcome that meets the needs of the chosen user. Contexts will include methods related to perimeter, area, metric units, scale drawings, constructions, nets and 3- dimensional objects, understanding of the world around us; social, ethical and cultural issues. Contexts also include understanding properties and characteristics of materials, effective processes, and working in a safe environment. This course will highlight the Whanau lifelong values of confidence through experience in practical tasks, using tools and machinery and therefore will become more competent to design, draw, construct, analyse and reflect. Learners will also become competent using relevant maths tools to support their process of design. Connection is a value that will be developed through interactions with fellow learners and members of the community.	Technology and Mathematics	\$15 per trimester for workshop materials and consumables	Scientific calculator, 1J8 quad book, compasses, coloured pencils, eraser
Picture this: our past, our future	<a href="#">Hn and Ti</a>	11PPF	Where do we come from and who can we become?	Learners will be engaged in creating artworks out of responses they have had to historical events and NZ poems and stories. Contexts will include the analysis of historical events alongside poems and stories by New Zealand writers. The course will involve taking the ideas you develop from looking at these things and turning them into artworks. The course will end with a big exhibition where all of the work produced in the course is displayed. This course will highlight the whanau lifelong value of connection.	English, History, Visual Art	\$25 for Art pack, \$20 Art fee for specialist Art materials	1B5, \$10 for Folio board required for external assessment

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Promoting Human Rights through Social Action	<a href="#">Ba and Ws</a>	11PHR	How do we tackle issues of human rights and social injustices in our community and beyond?	Learners will be engaged in thinking creatively and critically about human rights injustices and how these affect people's live and wellbeing. Learners will solve problems and take action by analysing and creating their own social action to a current social justice and human rights issue. Learners will be reflecting upon their learning and use their English tools to report on their personal involvement in a social action. Contexts will include current human rights issues rather than historic issues. Learners will need to be personally involved with the issue and reflect upon how they have had a global impact. This course will highlight all the Whanau Lifelong Values of Whakapapa, Tu Maia, Ahuatanga and Maatau.	Social Studies, English, Health	Nil	1B5
Promoting Sustainability through Media	<a href="#">Ws and Ba</a>	11PSM	How do we create a sustainable future and make sure the world hears about it?	Learners will be engaged in thinking creatively and critically about unsustainable and sustainable practices. Learners will solve problems and take action associated with sustainability by analysing and creating their own action/response to a current sustainability issue. Learners will be using their knowledge and action to create a media product. Learners will need to reflect upon their learning and use their English tools to show their personal involvement in a collaborative response/action. Contexts will include a focus on taking action in response to a sustainable issue. Learners will need to be personally involved in the issue and create a media product. This course will highlight all the Whanau lifelong values of Whakapapa, Tu Maia, Ahuatanga and Maatau.	Social Studies, Media Studies and English	\$40 for trips and to fund the sustainable actions	1B5, Coloured pencils, 32GB USB memory stick
Relations between New Zealand and the World	<a href="#">Pr and Li</a>	11RNZ	How can we learn from history and current events to shape a better future for ourselves, our whanau and wider society?	Learners will be engaged in a study of history and cultural values, as well as the way their history and values have impacted on New Zealand Society. Contexts will include World history, New Zealand history and society. This course will highlight the Whanau lifelong values of collaboration, connecting learning to other things to develop a deeper understanding. Learners will connect learning to their lives and things of personal importance.	English, Social Studies, Mathematics	\$20 per trimester for printed materials	BYOD preferred
Te Ohanga Hauora	<a href="#">Me, My and BUN</a>	11TOH	How can I use my Tikanga to make sense of Health Science through Sport and Physical Education?	Learners will be engaged in a variety of concepts across Te Ao Maori, Science, Hauora and Tikanga in a collaborative learning environment. The Te Ao Maori context aims to develop learners' identity as Maori and create multiple pathways by combining the various disciplines involved. This course will provide learners with the skills required to become successful independent learners as Maori. Contexts could include physical activity, Hauora, Kai, Te Kori Tinana, Kaitiakitanga, Sustainability, Biology and Health and Physical Education. This course will highlight Whakapapa, Tu Maia, Ahuatanga and Maatau.	Te Reo Maori, Science, Health and Physical Education	\$20 Noho at Manurewa Marae (food, koha & transport)	Nil
Think, Train, Thrive	<a href="#">Ca and As</a>	11TTT	How can I improve my physical and mental performance through psychological approaches and scientific investigation?	Learners will be engaged in questioning, critical thinking, problem solving and reflection associated with the building knowledge, making sense, analysis and design of a learning artefact associated with improving their performance. Contexts could include improving physical/mental performance to achieve a goal, understanding the different psychological theories that exist and applying them to life, scientific investigation into the forces that act upon us when we perform physical activity, how our body reacts to exercise, how we can make models to represent body systems, the effects of excess sugar, fat, drugs and lack of movement on society. This course will highlight the whanau lifelong values of connection - to learning, self, others and the world, character - strength to make positive decisions to better one's self and one's environment, confidence - to set ambitious goals and expectations to improve performance, competence - developing high levels of skill.	Psychology, Health and Physical Education, Science	Nil	1B5
To go or not to go	<a href="#">Sn and Sr</a>	11TGN	Where am I going on holiday and who is coming with me?	Learners will be planning a holiday with an allocated budget to two different countries. This will require research, problem solving and making financial decisions. They will use the statistical inquiry cycle to investigate a data set related to holiday choices. They will choose variables, create displays and report on findings. They will then design a digital presentation with graphs created from their planning to pitch the holiday choices to stakeholders and to persuade them of the value of their decisions. Contexts will include using technology to plan a digital technology information outcome, on a given budget and then preparing a presentation to persuade stakeholders into making a decision. This course will highlight the whanau lifelong values of competence and confidence in being able to present your research results to others knowing that you have researched the situation and can answer any questions that may be asked.	Accounting, Digital Technology, Mathematics	Nil	\$6.50 for Mathematics workbook, 1B5, 1J5, scientific calculator

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What is Healthy?	<u>Ms and Sport 3</u>	11WIH	What is good health? How can I make good choices for me?	Learners will be engaged in researching and investigating to create everyday healthy options to support moving New Zealand off the stage of being the third fattest country in the world. Contexts could include redesigning the school cafe menu, creating foods suitable for a specific group of people or any learning that can promote health options for New Zealanders. This course will highlight the values of competence and confidence through trialling and modifying outcomes until they meet the requirements of the stakeholders.	Technology, Health, Science	\$25 for foods	A4 clearfile for foods