

Canterbury's growth areas

Four industries have been identified as Christchurch's strong growth areas – Hi-Tech Services, Aerospace & Future Transport (including Manufacturing), HealthTech and Food, Fibre and Agritech. These are industries with strong global growth opportunities where Canterbury has existing strengths and capabilities.

There are fantastic support systems for these growth industries, designed to connect students, iwi, education providers, industry, and government to accelerate opportunities and growth. The focus on these industries will help future-proof the Canterbury economy to stay globally relevant.

Innovative mindsets are nurtured to create progressive and sustainable change and the industries provide world-class opportunities for work integrated learning, pathway programmes, joint ventures and increased innovation and research and development.

Education plays a major part. Canterbury has three world-class university campuses and the South Island's largest Institute of Technology, all providing future-focused pathways into our growth industries. The city is primed to support students on their study pathways and to move into rewarding careers.

Future skills in demand

A survey of some of Canterbury's largest employers showed that transferable skills, were the most in demand – even above technical skills required to do the job. The most in-demand skills are:

Transferrable Skills

- Teamwork
- Problem solving
- Communication skills
- Self-management
- Interpersonal skills
- Analytical & critical thinking

Growth Areas

High Tech Services

Aerospace & Future Transport

Food, Fibre & Agritech

Health Tech & Resilient Communities

Pathways

Computer Science, Data Analysis, IoT, Maths, Physics, Data Security, Computing, Technical Support

Applied Data Science, Mechatronics, Machine Learning, Automation, IOT, Firmware Development, Fabrication, Electronics, Additive Manufacturing

Engineering, Computer Science, Data Science, Laboratory Technologies

Health Science, Health Practice, Data Science, Nursing

Using this FutureShaper resource

The FutureShaper resources are a great way to engage your team in connecting industry with your school. By utilising the poster and having access to the ChristchurchNZ website content, you can introduce your team to the growth industries in the greater Christchurch area. Time can be taken to investigate the growth areas and identify some local businesses that work in these sectors.

As a first step to connecting curriculum with these growth industries, your team can be encouraged to fill in the worksheet to identify where they are currently interacting with the growth industries and this may encourage them to reach out to our industry partners.

For more information, hei pārongo atu anō:

christchurchnz.com/futureshaper

BECOME A FutureShaper

Whai wāhi mai ki ngā rāngai whakatipu o Waitaha e ārahi ana i te ao whānui
Engage with Canterbury's world-leading growth industries

Help Shape Our Future

High Tech Services
Ngā Ratonga Hangarau Tino Atamai

15k+ Jobs

Aerospace & Future Transport
Te Rere ā-Kōhauhau, ā-Tuarangi

\$1.7 bn to NZ economy

Food, Fibre & Agritech
Te Kai, te Kaka me te Hangarau ā-Ahuwhenua

20% NZ GDP

Health Tech & Resilient Communities
Te Hangarau Hauora me ngā Hapori Manawaroa ā-Kōhauhau

World leading health precinct

FutureShaper Canvas

School Name

Date

<p>High Tech Services</p> <p>Existing Connections</p>	<p>Relevant Learning Activities</p>	<p>Next steps</p>	<p>Aerospace & Future Transport</p> <p>Existing Connections</p>	<p>Relevant Learning Activities</p>	<p>Next steps</p>
<p>Food, Fibre & Agritech</p> <p>Existing Connections</p>	<p>Relevant Learning Activities</p>	<p>Next steps</p>	<p>Health Tech & Resilient Communities</p> <p>Existing Connections</p>	<p>Relevant Learning Activities</p>	<p>Next steps</p>