

SmartWaikato's



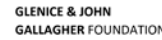
Secondary School Employer Partnerships

CELEBRATING 5 YEARS OF SSEP IMPACT IN 2021



Smart Waikato's Secondary School Employer Partnerships (SSEP) is an award-winning initiative raising student aspirations, resulting in higher achievement, retention and better transitions.

ACKNOWLEDGING OUR CURRENT AND FOUNDATION SUPPORTERS



SSEP are 3-year formal relationships between secondary schools and local employers who link into school faculties at Year 9 & 10, supporting contextualised learning in the classroom. SSEP provides a "real world" application of the curriculum and exposes students to a wide range of career opportunities inside and outside of the classroom. SSEP is a framework adapted to fit each schools kaupapa, curriculum and local industries. Companies work across a whole cohort of students at secondary school.

SSEP to date



10,000 STUDENTS Ākonga



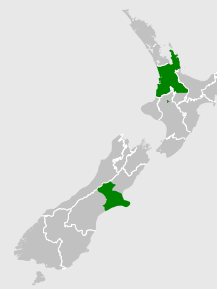
42 WAIKATO SECONDARY SCHOOLS Kura



250 TEACHERS Kaiako



250 EMPLOYERS Kaituku mahi



2016 LAUNCHED IN WAIKATO

2021 ... AND NOW IN CANTERBURY!



ECONOMIC DEVELOPMENT NZ 2018 Excellence Awards

Best Practice in Collaboration (business, iwi, community)



ECONOMIC DEVELOPMENT NEW ZEALAND



Students are significantly less likely to become NEET (not in education, employment or training) if they experience four or more contacts with employers before they leave school.

(Education and Employers Taskforce, 2012).

Join the SSEP movement today!

For more information visit www.smartwaikato.co.nz

Watch SSEP videos and Case Studies. Search Smart Waikato Trust on YouTube

IMPACT OF SSEP

Schools are describing SSEP as creating transformational changes in the way that students are learning.



Huntly College students and teachers at Mercury's Hamilton Head Office

“

SSEP has exposed students to opportunities they might not otherwise have seen. More importantly, it has given them the confidence to see themselves in an industry setting. They now have different career ambitions and have been exposed to careers they never knew existed. We are meeting with local employers this week to help us develop our term two learning modules. SSEP enables teachers to deliver curriculum in the context of local industry and expose the students to real career opportunities.

“ **Sharon Moller, Deputy Principal, Huntly College**

“

From a board perspective we're all very much in favour of SSEP. **The students are coming back enthusiastic about learning because they can see its relevance.** SSEP also fits in with the school's strategy of getting our kids ready for life outside the school gate. This is more how we would like to see things from an educational perspective.

“ **Karl Thornton, Cambridge High School Board of Trustees Chairman**

Fonterra truck driver showing students from Cambridge High School science behind milk collection on visit to Owl Farm



In 2017 546 SSEP students responded to a survey assessing the impact of the programme. Independently analysed by a senior statistician from Hamilton City Council using the ordered logit model. **Key findings:**

SSEP showed significant impact on students intention to stay in school, attitudes towards subjects, and qualification expectations.

Intention to stay in school longer

enhanced by **30%**

Interest in the subject involved in SSEP

enhanced by **50%**

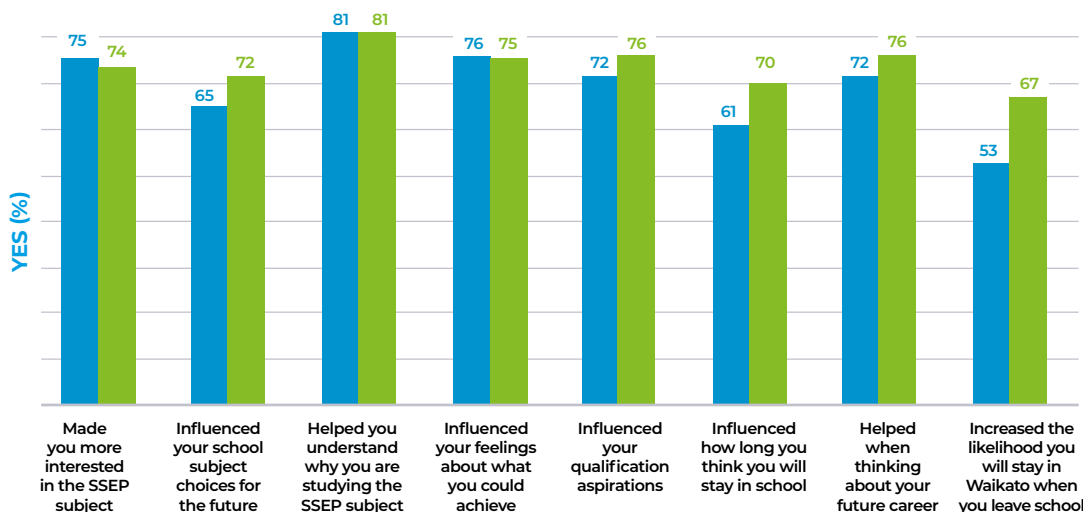
Qualification aspirations

increased by **30%**

SSEP student survey results 2016 - 2020

Percentage of Year 9 and 10 students that answered 'YES' to:

Has the experience of having business people in your school and going out into to their workplace...



8,885
Total SSEP participants



2,909
Total survey responses

67% Year 10
33% Year 9

51.9% Female

47.3% Male

0.8% Gender diverse

All SSEP student survey responses 2016 - 2020 n = 2909

All Māori students 2016 - 2020 n = 544

Longitudinal Study

A longitudinal study between 2016 & 2020, tracking the 2016 pilot cohort from Fairfield College, who did SSEP Maths, compared with (2015) students who didn't.

[See results below:](#)

Since SSEP was introduced at Fairfield College, students have elected to take 'harder' maths in their senior years. There has been a:



70% increase in students selecting 'Academic' Maths at Year 12

90% increase in students taking Calculus at Year 13

Compared to the pre-SSEP cohort...

Fairfield College students' actual rate of completion:



increased by 40% for Year 12
increased by 32% for Year 13

Fairfield College students' continued selection of the SSEP subject (Maths) has:



increased by 18% in Year 12
increased by 9% in Year 13

2017 SSEP students reported that...

their **intention to stay in school was enhanced by 30%** since doing the SSEP programme



77% of teacher respondents said SSEP changed the way they planned curriculum

96% of teacher respondents said the real-life context offered by employers supported their professional development

80% of employer respondents said they would consider doing SSEP in an additional school

65% of employer respondents had had no previous contact with the school they partnered with

SSEP Case Study

Te Wharekura o Maniapoto (Te Kuiti) and Waikato Regional Council



Te Atamihi, Year 10 student/ākonga



I didn't know all the processes and everything that people do to help it (the river) be clean – it was pretty cool. If I wanted to I could be in this industry and be this kind of person, as it's helping our rivers, helping what our tupuna helped cherish and it's like a spiritual kind of thing, and I love that about this area.



Jaimee Tamaki, Teacher/Kaiako



It's been so good. I have seen huge growth in the kids. And it's given them some autonomy back as Māori in our own rohe to say 'we know what the Regional Council does for us, we've got some familiar faces in the Council', which for Māori is a huge connection. I think the context outside of school, this haerenga has had a huge impact. Because we, our kids, are isolated, we don't get out, they don't often see other non-whānau come into our kura. So having this opportunity, ngā mihi.



Meshweyla Macdonald, Waikato Regional Council



Historically the Council hasn't had very much engagement with youth. We want more young people to go into the environmental sector. Consulting with careers advisors about what the best way of doing that is, the advice received was that you need students to be able to experience what you do and then you're more likely to leave a lasting impact so that's been great!

Watch the SSEP Case Study video here:



11min

www.youtube.com/watch?v=i-bPBtGwD94&t=8s

Thank you to our Waikato SSEP participants, schools and employer partners for 2021



With thanks to our wonderful employers who have collectively invested about \$280,000 of donated time per year

With thanks to our sponsors



As at September 2021

For more information on SSEP visit www.smartwaikato.co.nz

Cambridge High School (Science)



Coromandel Area School (Science)



Fairfield College (Maths)



Hamilton Christian School (Multiple subjects)



Hamilton Girls High School (Maths)



Hamilton Junior High School (Maths and Science)



Hillcrest High School (Science)



Huntly College (Project-based learning)



Matamata College (Maths)



Melville High School (Science)



Mercury Bay Area School (Business)



Ngaruawahia High School (Science)



Ngā Taiātea Wharekura (Multiple subjects)



Onewhero Area School (Maths and Science)



Paeroa College (Maths)



Piopio College (Multiple subjects)



Putaruru College (Project-based learning)



Raglan Area School (Maths)



Rototuna Junior High School (Business)



Sacred Heart Girls College (Science and Maths)



St John's College (STEM subjects)



Tai Wānanga (Project-based learning)



Taumarunui High School (Multiple subjects)



Te Kopuku High School (Science)



Te Kuiti High School (Science and Maths)



Te Wharekura o Manaia (Multiple subjects)



Te Wharekura o Maniapoto (Multiple subjects)



Te Wharekura o Nga Purapura o Te Aroha



Thames High School (Business)



Tokoroa High School (Multiple subjects)



Waihi College (Science)



Waikato Diocesan School for Girls (Science and Technology)



Whangamata Area School (Multiple subjects)



OUTCOMES OF SSEP

SSEP results show significant positive outcomes on students, teachers and employer partners. 76% of students found SSEP influenced their feelings about what they could achieve after school.

Feedback from SSEP employers, teachers and students



Karen Hughes, science teacher,
Cambridge High School



Through SSEP our students have got a broader understanding of how what we do in class fits into their life-long pathways. We talk about creating life-long learners in education. This is not just about what we're doing in class, but how it links to the wider industry and what they can see for their own futures.



Markus Woutersen, Dairy Farmer



It's really exciting to have got to the stage through SSEP that we've now employed one of the students [after school]. For me it's so rewarding to teach someone from scratch and in the future, I'd be keen-as to take someone on again.



Dylan, Year 12 student,
Cambridge High School



The job here is everything that I wanted – outdoors, interactive, not sitting behind a desk all day. Hopefully I'll go to Lincoln University and start to do dairy work here and there and get my own farm when I'm old enough.



David Hallet, Company-X



One of the issues we face is the underrepresentation of women in technology. So we were keen to partner with a girls' school so we could hope to influence and inspire girls into the industry.



Anita Chan, Hamilton Girls High
School maths teacher



It's exciting when I get questions from students about how what they are learning in class can be used in workplaces of the employers we have visited. In my teaching I can now draw on the experiences we had in our visits with the employers.

For example when we did our 'number' achievement standard I could draw on the examples and worksheets from PWC to illustrate the use of percentages, ratios, etc in a real life situation, making the maths 'real' for the students.

Watch our Primary Industries Case Study video here:



12min

www.youtube.com/watch?v=nPiATeafn68

Watch our Digital Industry Case Study video here:



15min

www.youtube.com/watch?v=q2a4S5xcuMo



Nikaia, Hamilton Girls High School
Year 10 maths student



Before SSEP, I've only just known about the main jobs and how they work. Having Company-X come into our class has allowed me to think of doing things with computers and seeing how fun it can actually be.

Watch more SSEP videos and
Case Studies on  YouTube

Search **Smart Waikato Trust**



SSEP TRANSITIONS

SSEP provides a platform for employers to build stronger relationships with schools. This results in more offers of work experience and employment opportunities for students.



Preliminary Findings from 40 SSEP employers 2018 - 2020 work opportunities for youth

As at 19 February 2021

		Opportunities		
		2018	2019	2020
Work Experience		53	48	49
Jobs	Seasonal	115	112	129
	Part time	12	14	11
	Full time	15	53	71
	Internships	5	13	12
	Cadetships	12	4	1
	Apprenticeships	26	26	32
Total preliminary findings		238	270	305



From 40 SSEP employers...



813 total work opportunities for youth for the 2018 - 2020 period



Of the total work opportunities for youth for the 2018 - 2020 period, **650** were paid opportunities

SSEP RESOURCE CENTRE



The SSEP Resource Centre houses SSEP examples, templates, videos, facilitation support services, information for new participants, and more. It is exclusively available to all registered SSEP schools and employer partners and helps build capability to ensure the initiative is sustainable well into the future.

The SSEP Resource Centre is located on the SmartNZ website and includes:

- Induction and promotional material for teachers, students and employers new to SSEP
- Teacher and employer tips for getting the most out of SSEP
- Ideas and examples of SSEP activities
- Virtual SSEP videos and workplace visits to support classroom and distance learning
- Planning tips and templates (Education outside the classroom (EOTC), Health & Safety, lesson plan examples, 'how to' guides and more!)
- Careers and survey links
- SSEP Network forum to connect and share ideas with other SSEP schools and employer partners



To go to the SSEP Resource Centre
www.smartnz.nz

For more information on SSEP visit
www.smartwaikato.co.nz

BENEFITS OF LICENSING SMART WAIKATO'S SSEP INITIATIVE

SSEP creates a framework where schools and employers have a clear understanding and commitment to work together contextualising classroom work into the real world. This helps to develop relationships from senior school and beyond, setting up career pathways in local employment. Ultimately, employers know how to engage, and educators know where connections need to take place.

- A proven programme that allows industry to showcase career pathways, increases student engagement, educator industry knowledge and employer awareness of young people.
- 5 years of research to support the programme, validated by external source
- Extensive facilitator training and regular coaching by certified trainer accompanies the licence
- Tailored to local industry employment opportunities and individual school learning objectives
- Extensive resources available to assist facilitators, teachers and employers
- Independent analysis and evaluation of individual school programmes at year-end
- Raise student aspirations, especially Māori and ensure they choose/retain important subjects in senior school that align with chosen pathways
- More successful transitions from school into jobs/training in local industry

The National Education and Learning Priorities (NELP) sets out the Government's priorities for education, ensuring the success and wellbeing of all learners. SSEP directly supports the NELP objective to "collaborate with industries and employers to ensure learners/akōnga have the skills, knowledge and pathways to succeed at work."

Contact your nearest Waikato SSEP Facilitator to get involved



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Te Wharekura o Maniapoto students testing water clarity

5 YEARS OF SSEP IMPACT WHAT'S NEXT?



Supporting career pathways and Hauora in schools

We have landed on a regional priority project, co-creating Hauora/ careers programme that spans 9 to 13 and includes SSEP, extending into the senior school as **STEP (Secondary-Tertiary-Employer Partnerships)**. This will be an all-of-region collaborative project that will draw on input from a range of teachers, school Principals, young people, employers, career professionals, health professionals, cultural experts, environmental experts, tertiary educators, entrepreneurs, social service providers and more.

Join us for the next phase
of the SSEP journey!



Contact Mary Jensen
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