



Tomorrow's Skills

Pathways to the Future
How shift is happening
The fragmented future of work

Preparing Learners Now
Learning to adapt
Hard facts and soft skills



Day 1 Programme Education Leaders Forum Tuesday 23th August



Education Leaders Forum
is a SmartNet Event
www.smartnet.co.nz

8.15am Waipuna Conference Centre (open all day)

Registration, networking and coffee

8.45am Plenary

Starter

8.55am Plenary

Mihi whakatau

9.00am Plenary

Tomorrow's Skills-The Big Picture

Weaving together the threads of lifelong skills development, employment and self-employment opportunities and sustainable economic growth through collaboration, creativity, innovation and productivity....[More](#)

[Hon Steven Joyce](#) Minister, Tertiary Education, Skills and Employment

9.30am Plenary

Pathways to the Future

*How Shift is happening

Keynote: Windows on Tomorrow

In today's digital world we are witnessing the evolution of an incredibly turbulent new age. Educators at all levels must continually adapt to these changing conditions and blend the best of current practice with new approaches that address changing realities. Ian Jukes keynote presentation will challenge your assumptions about the world we live in and the future we're heading for by examining the significance of several global exponential trends....[More](#)

[Ian Jukes](#) Founder and Executive Director, InfoSavvy Group

10.20am Plenary

Preparing Learners Now

How best can education leaders engage their learning communities in responding to the global and local trends impacting on education?

In order for learners to thrive in disruptive times they need to be creative, collaborative and courageous. The NZ Curriculum espouses these needs perfectly – it's the mindframes of education leaders and educators that need to change.

Cheryl will describe what must become part of the fabric of every learning organisation in order to remain relevant. She will explore the implications for education and beyond, sharing the story of Haeata Community Campus, a Year 1-13 school being established in Christchurch....[More](#)

[Dr Cheryl Doig](#) Leadership Futurist, Think Beyond

11.00am Networking Break

11.30 am Plenary

*The Fragmented future of work

Transformed Work: Creating a future ready workforce

The key to navigating the future is developing flexible, resilient and high performing individuals and teams that are innovative and productive. This overview and short workshop provides practical resources to help education and business leaders navigate challenge of the future of work by creating a future-fit workforce....[More](#)

[Siobhán Hanley](#) Director Potential, Work Wellbeing

[Nina Sochon](#) CEO, Transformed Teams

Joint authors of [Transformed Work](#).

12.30pm Networking Lunch Break

1.30pm Plenary

*Learning to adapt

Vocational Pathways—An overview of school-tertiary and school-industry partnerships

Flexible models of school-tertiary and school-industry partnerships are providing better pathways for young people and more choice. The Ministry of Education is promoting alternative programmes and partnerships via the Youth Guarantee scheme to better meet the needs of senior students and the employment sector. These use key data to track and tailor programmes for specific people who are at risk of achievement failure. Communities of Schools are also collaborating and forming links with the wider community, including the world of work, to enhance the relevance of their learning experiences[More](#)

[Trevor McIntyre](#) Advisor, Youth Guarantee, Ministry of Education

1.45pm Plenary

Case studies of facilitating successful transitions from school to further education, training and/or employment

One of our tasks as educators and employers is to prepare young people, not just for our own workforce now, but for the workforce of the future, where the structure of work will be very different. What are we all doing to better prepare our young people for the challenges and opportunities of the future, and for jobs that don't exist yet and that we can't even imagine?

*What are the hard and soft skills that young people need to be armed with? *What is the specific skill/transferable skill mix? *What are some of innovative partnerships and programmes that are meeting the needs of both the young people and employers? *What involvement are employers having with the design of the senior school curriculum, to ensure the skills students have are the ones employers need? *What more needs to happen?[More](#)

[Huia Hanlen](#) Secondary-Tertiary Lead Advisor, Auckland, Ministry of Education

[Jenny Baber](#) Secondary-Tertiary Lead Advisor, Waikato, Ministry of Education

[Mark Hellyer](#), Owner, Pacific Coast Technical Institute

Day 1 Programme continued...

Tuesday 23rd August



2.45pm Plenary

Positive Education for Adaptability and Resilience

Dr Lucy Hone shares her experiences in designing and implementing evidence-based wellbeing and character education programmes in different school contexts, in alignment with the theories and practice of Positive Education. Having trained with Martin Seligman at the University of Pennsylvania (recognised as the founder of Positive Psychology and Positive Education), Lucy is currently working with several Christchurch schools.

Sharing empirical and practical insights, she will focus on why understanding and promoting wellbeing is so important within schools, and guide us through best-practice for embarking on this journey. As adolescents prepare to enter the adult world the skills of resilience (cognitive, emotional and behavioural flexibility) will be among the most important lessons they can learn at school, giving them the necessary tools to cope with the challenges and changes in the years ahead [...More](#)

[Dr Lucy Hone](#) Consultant, The 100 Percent Project
Author of [What Abi Taught Us](#)

4.00pm Concurrent Workshops

Workshop 1

Reinventing Learning for the Always On Generation – Strategies and Apps

How do we address both the short-term goals of preparing students for achievement year by year as well as addressing the long term goals of preparing them for life? How do we address the need for our students to learn both the traditional content as well as the essentials for modern learning simultaneously? The first thing we need to understand is that the traditional emphasis on literacy, while absolutely important, is no longer enough. To meet the needs and demands of the 21st Century we need to shift our thinking and our teaching beyond our current focus on just 20th Century literacies to equipping students with the essentials of modern learning and doing.

These are mental processes that can be learned, practiced, developed as thinking skills and then applied as unconscious habits of mind.

[Ian Jukes](#) Founder and Executive Director, InfoSavvy Group

Workshop 2

New Possibilities: Christchurch as a Learning City

This interactive workshop will explore the global trends of collaboration and agency, using post-quake Christchurch as a demonstration hub of opportunities, successes and lessons learnt.

It will draw on:

- *interviews from 35 diverse leaders who have led collaboration in post-earthquake Christchurch
- *the emergent work of the Grow Waitaha initiative, an alliance supporting the transformation of education
- *the Singularity Summit NZ and Find Your Billion experience

[Dr Cheryl Doig](#) Leadership Futurist, Think Beyond

5.30-6.30pm Networking, drinks, nibbles

6.30pm—End of day 1



Tomorrow's Skills

Pathways to the Future

How shift is happening
The fragmented future of work

Preparing Learners Now

Learning to adapt
Hard facts and soft skills



Day 2 Programme
Education Leaders Forum
Wednesday 24th August



Education Leaders Forum
is a SmartNet Event
www.smartnet.co.nz

8.15am Waipuna Conference Centre (open all day)

Registration, networking and coffee

8.45am Plenary

Starter

9.00am Plenary

Laying the foundations for tomorrow's skills from early childhood on

The World Economic Forum Future of Jobs Report 2015 points out that, workplace technical skills will need to be supplemented with strong social and collaboration skills. Developing the appropriate mix of social and cognitive skills needs to happen at all stages of the Early Childhood, Primary and Secondary learning journey to enhance lifelong learner achievement...[More](#)

[Karl le Quesne](#) Associate Deputy Secretary (Early Learning and Student Achievement), Ministry of Education

9.30am Plenary

DIY Gaming: Developing soft skills as well as technical skills

Workshops for pre-teens in computer coding and game making develop technical skills as well as the soft skills employers are looking for: creativity, team work, time management etc.

The transferable skills developed by such activities in modern learning environments will eventually flow over into modern earning environments and enhance work satisfaction and productivity....[More](#)

[Dan Milward](#) Director, Gamefruit

10.15am Plenary

Project Based Learning- STEM in Industry

Case Study One: EVelocity

Year 9-13 students participate in exciting electric vehicle building projects, with the help of industry mentors...[More](#)

Case Study 2: Mission to Mars

Delivered in three courses – Ecobots Yr 9-10 , Aerodynamix Yr 11-12 and Mission to Mars Yr 9-10, students design and build robots, planes and rockets and habitats to simulate living on mars...[More](#)

Case study 3: ShadowTech for Girls

This initiative gives girls more insight into opportunities in ICT and Engineering both in the immediate and medium term future...[More](#)

[Miranda Satterthwaite](#) STEM Co-ordinator,
Ara Institute of Canterbury

11.00am **Networking Break**

11.30am Plenary

Pathways to a Skilled Future -Managing transitions from education to employment

The Industry Training and Apprenticeships sector in New Zealand has been working with the government to establish vocational pathways for students. These are designed to help students navigate the journey between education and employment by making clearer links between educational choices and the world of work...[More](#)

[Josh Williams](#) CE, Industry Training Federation

12.00pm Plenary

Flexibility of funding models

To enable more successful transitions between formal education, further education and training and employment, the funding system needs to be flexible.

A synopsis of what TEC is doing to ensure flexibility of funding models for a range of innovative programmes which better meet the needs of both school leavers and employers...[More](#)

[Tim Fowler](#) CEO, Tertiary Education Commission

12.30pm Plenary

Transferable skills and local adaptability to global changes

Another perspective on how employers and educators can best work together to support learners to develop the transferable skills they need to succeed as future employees in a rapidly transforming work environment?

TBC

1.00pm **Networking Lunch Break**



23 & 24 AUGUST
AUCKLAND

Day 2 Programme continued...

Wednesday 24th August



2.00pm Plenary

Implementation Tools: Student attitude and engagement in New Zealand Schools

The Student Attitude and Engagement Survey (SAES) is designed to investigate student attitudes and school wide trends that have an impact on student achievement and engagement. The comprehensive online feedback can inform the evidence-based decision making process, help with target setting and strategic planning, explain the trends in achievement data....[More](#)

[Dr John Boereboom](#) Director NZCER Psychometric Assessor CEM (NZ) – Centre for Evaluation & Monitoring, UC

2.30pm Plenary

Digital transformation-a global business perspective on strategies, systems and resources for finding and keeping talented people.

TBC

3.30pm Plenary

Open Forum

4.00pm Forum Concludes

For more information contact Lyall Lukey, ELF16 Convener, E-mail: lyall@smartnet.co.nz 021 310 808

Registration queries: Sue Mardon, Administration Manager, E-mail: admin@smartnet.co.nz 027 491 1283

Thank you to our Major Sponsor



MINISTRY OF EDUCATION
TE TĀHUHU O TE MĀTAURANGA
AOTEAROA NEW ZEALAND

Quick Links

ELF16 Overview:

<http://www.smartnet.co.nz/elf-2016/>

Contributors:

<http://www.smartnet.co.nz/elf-2016/contributors/>

Programme:

<http://www.smartnet.co.nz/elf-2016/programme/>

Registration:

<http://www.smartnet.co.nz/elf-2016/registration-form/>