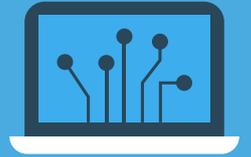


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SCIENCE



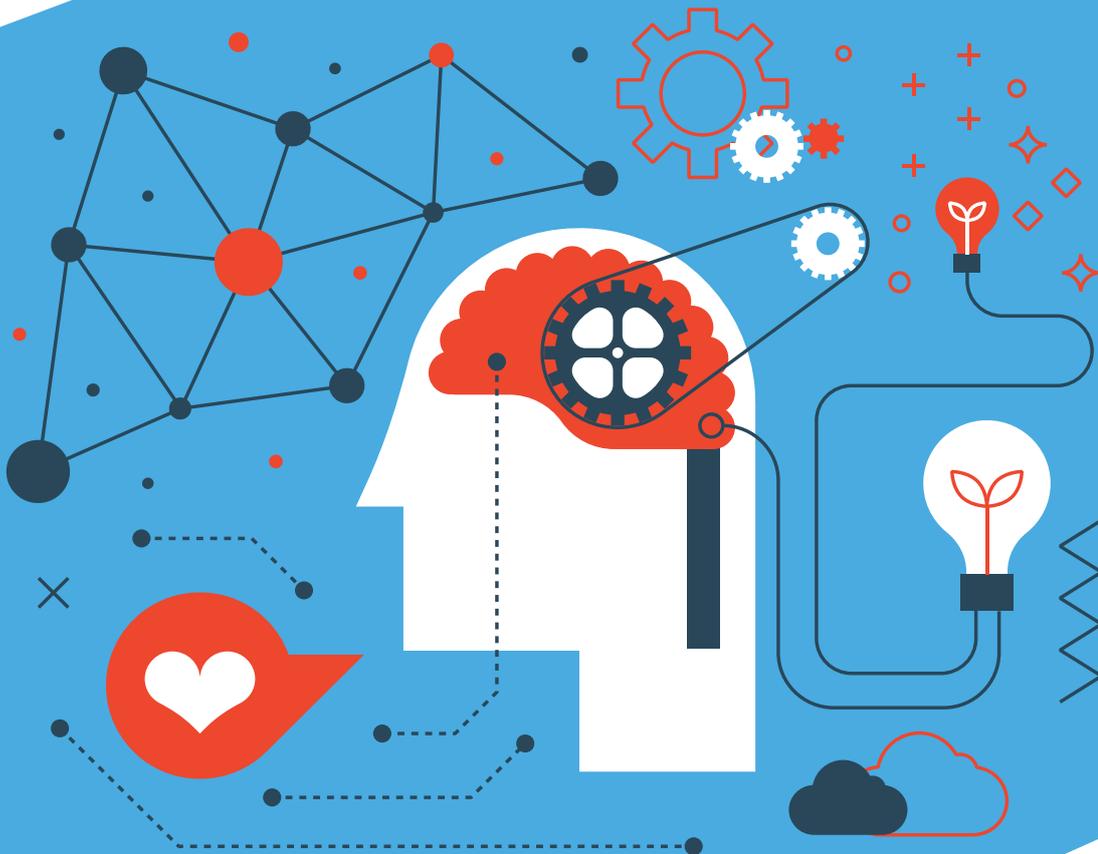
TECHNOLOGY



ENGINEERING



MATHEMATICS



# WHY? STEM

The ultimate STEM International Study Program  
STEM + MOTIVATION + LEADERSHIP

**“Science, technology, engineering and mathematics are increasingly important for growing and sustaining New Zealand’s economic competitiveness. They underpin the development of new technologies and new, high-value products, and can lead to a wide range of interesting careers. Job opportunities based on STEM subjects are increasing, and this is expected to continue.”**

Steven Joyce  
New Zealand Tertiary Education, Skills and Employment Minister

**“Science, technology, engineering and mathematics, referred to as STEM, are central to our future, because of their role in securing Australia’s competitiveness in a rapidly changing world.”**

Prof. Ian Chubb  
Chief Scientist of Australia

**“STEM workers drive our nation’s innovation and competitiveness by generating new ideas, new companies and new industries. U.S. businesses frequently voice concerns over the supply and availability of STEM workers. Over the past 10 years, growth in STEM jobs was three times as fast as growth in non-STEM jobs. STEM workers are also less likely to experience joblessness than their non-STEM counterparts.”**

U.S. Department of Commerce Economics and Statistics Administration

**“30 percent of current jobs in the UK might be replaced by automation in the next 15 years. That number is 21 percent in Japan, 35 percent in Germany and a whopping 42 percent in the United States. The losses will come...largely around jobs that involve a lot of routine, repeatable tasks.”**

Andrew McAfee and Erik Brynjolfsson  
The MIT Initiative on the Digital Economy (US)

**“75% of the fastest growing occupations will require STEM related skills”**

Luke Sayer  
PwC Chief Executive

## Women in STEM in New Zealand

Women in the STEM Professions  
Census 2013 New Zealand

