

# I wonder how we get rangatahi excited about STEM?



**WHERE SCIENCE  
TECHNOLOGY  
ENGINEERING AND  
MATHS COME ALIVE.**

**The Wonder Project is Engineering New Zealand's not-for-profit, free programme for schools, designed to inspire young Kiwis with science, technology, engineering and maths (STEM).**

In Aotearoa, there's a huge skills shortfall in STEM. We simply don't have enough young people pursuing careers in these fields. The Wonder Project aims to change that by taking young Kiwis on a creative, dynamic and fun STEM journey.

The Wonder Project is a series of project-based hands-on programmes that knit seamlessly into the New Zealand school curriculum. They're designed to spark wonder and awe in young Kiwis from Year 5–13 and get them excited about a future STEM career.



# Get involved in the wonder!

**Engage your ākonga in the wonders of STEM by registering for one of our hands-on, project-based challenges.**

We supply everything you need to have loads of fun – ākonga learning material, a detailed challenge guide, a free challenge kit, and where possible, a volunteer industry ambassador.



## Rocket Challenge

**Level 3 | Phase 2, Year 5–6  
Term 2**

Houston, we have lift off! Ākonga blast off into STEM by designing, building and launching their own water rocket. They'll learn about Newton's laws, the engineering design process, and working as a rōpū.



## Power Challenge

**Level 4 | Phase 3, Year 7–8  
Term 2**

Power up! Ākonga design and build a wind turbine and light up a mini town. They'll discover the amazing phenomenon of electricity and renewable energy, and learn how teamwork can keep the lights on.



## Ice Cream Challenge

**Level 3 | Phase 2, Year 5–6  
Term 3**

Let's chill! Ākonga experiment with flavour, texture, and techniques, using dairy or alternative ingredients to create their own sweet treat. They'll explore states of matter, food composition and nutrition and discover the science behind ice cream innovation.



## Water Challenge

**Level 4 | Phase 3, Year 7–8  
Term 3**

Ready, set, flow! Ākonga construct and test a mini model of Aotearoa New Zealand's wai network. They'll explore the journey of wai and how STEM is used to collect, clean, connect and care for one of Earth's most precious taonga.

Help spark some STEM wonder today at **wonderproject.nz**

   @WonderProjectNZ