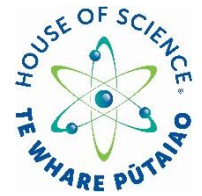


Partnering with House of Science



The problem

- Science is not directly funded in New Zealand primary schools which means many of our schools are not well equipped to provide resources for children to learn basic science principles.
- 80% of future jobs are forecast to require maths and science skills but both enrolments and achievements for maths and science are in decline.
REF: STEM alliance Aotearoa

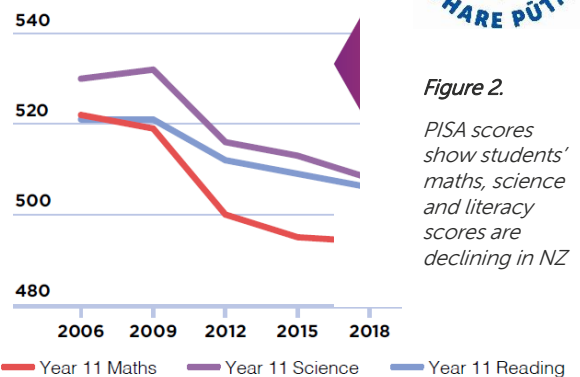


Figure 2. PISA scores show students' maths, science and literacy scores are declining in NZ

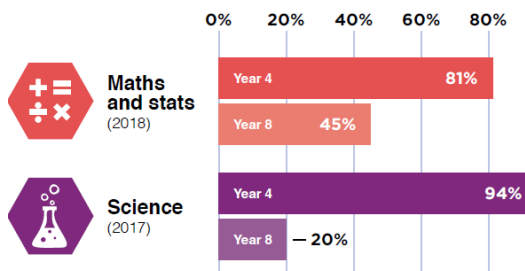


Figure 1. NMSSA findings show a significant drop in students achieving at or above curriculum expectation in YR8

- Less than 30% of NZ primary schools have an effective science teaching programme in place, due to low teacher confidence and lack of quality science resources.
- The science career pipeline must be populated from a young age because 'you can't be what you can't see' and research shows students have decided by age 10 what career they will not pursue when leaving school.

The solution

House of Science was founded to address this challenge by developing high quality, bi-lingual science resources for primary and intermediate schools. We now work with 550 schools across Aotearoa and are looking to reach 100% of schools. Resource kits and professional development help unpack science concepts for teachers. This empowers them to deliver great science experiences for our kids and build their scientific literacy.

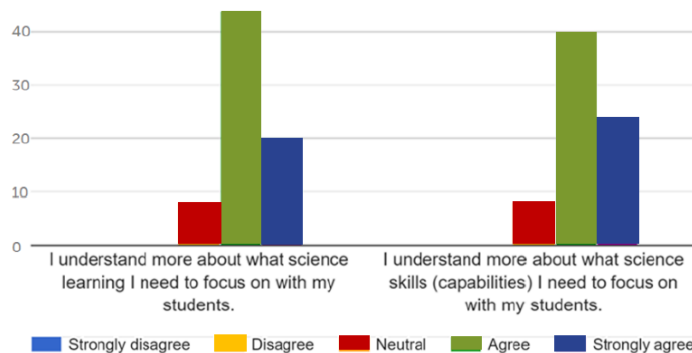


Figure 3. Napier Kāhui Ako teacher responses after 1 year of House of Science support

Teacher Feedback



"House of Science has provided resources, experiences, opportunities and professional learning for our tamariki and kaiako."

"The kits have been a rich source of learning and inspiration for myself and the children."

House of Science supporters

- ✓ Help Kiwi kids become more scientifically literate citizens, confidently engaging with science related issues. This will result in significant economic and social benefits in the long term.
- ✓ Help contribute to a more science-focused and innovative future workforce by developing kids' competency in vital STEM areas. (Science, Technology, Engineering & Maths).

How will you partner with House of Science?

There are many strategic partnership opportunities available. The House of Science team would love to listen to your ideas, share more details with you and customise a partnership programme specifically to meet your organisational goals. Please contact us at chris.duggan@houseofscience.nz or 0508 HOU SCI (0508 468 724) and we will arrange to catch up with you to discuss options and next steps to suit your needs.

<https://houseofscience.nz>