

Kia ora!

Halfway through the year and lots of changes and uncertainties on the horizon. However, the water cycle is still cycling, kids are still curious, and we all want to grow great learners! It is our hope that you can look to NZAPSE for support and ideas in teaching primary science.

This newsletter has ideas on how to integrate maths and science, some Olympic ideas, as well as the winners of PSW competition.

A special thanks and farewell to Sandy Jackson. Sandy was a founding member of NZAPSE back in 2010. She played a key role in establishing our annual Primary Science Week. From 2018, she served as President of NZAPSE until very recently, providing strong leadership for the association. We extend our gratitude to Sandy for her immense contributions to science education in New Zealand.

Enjoy the retirement up north, Sandy!



Olympics and Science activities



Here are a variety of links to activities relating to science and the Olympic Games. Be sure to use the science capabilities while having fun with any of these!

- Gather and Interpret Data: Measure distances, record times, and discuss results.
- Critique Evidence: Analyse which designs worked best and why. (recheck results too!)
- Interpreting Representations: Build models (e.g., egg containers) and understand systems (e.g., forces acting on a javelin).
- Engage with Science: Actively participate in experiments and discussions about scientific principles.

Sporty Science Ideas

Summer Olympics STEM Challenges

NZOC Olympic Education Programme (Resources on environmental sustainability)

Science Explorations: The Summer Olympics

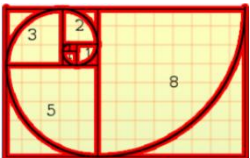

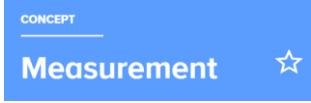
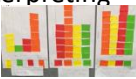


NRICH topics: Measuring and calculating with units Length/distance ([maths.org](https://www.maths.org/))

Operation Ouch – Sports and Athletes special (YouTube)

Connected Series journal article too! - [Beating the Wind](https://www.education.govt.nz/) ([education.govt.nz](https://www.education.govt.nz/))



Maths activities with Science - Connecting a 'Real Life' context with a Maths concept!

<p>Geometry – Spirals in nature (Fibonacci)</p> 	<p>Measurement – length (bird wingspan), speed (wind) temperature (climate), capacity (rain gauges), distance (migratory birds).</p> 	<p>Science Learning Hub – Measurement</p> 
<p>Statistics – investigations in nature Statistical literacy – interpreting graphs # don't forget those Connected Series journals!</p> 	<p>Creating Models – to scale</p> 	<p>PhET Colorado – awesome simulations!</p> 

2024 Primary Science Week Competition Winners

Thank you to all who entered our Primary Science Competition in collaboration with Science Alive! A huge thank you goes out to our competition sponsors this year for their generous donation of prizes – [Delta Education Supplies](#), [LearnWell](#) and [Science Alive!](#)

Congratulations to the following teachers and their ākonga who have placed in their respective categories winning some awesome resources for their school:

Year 0-6 Category:

1st Place: [Chris Dixon from Maungatapu School](#)

2nd Place: [Shelly Johnston from Hoon Hay Te Kura Koaka](#)

3rd Place: [Steph Burgess from Mangapapa School](#)

Year 7-8 Category

1st Place: [Julz Jameson from Highlands Intermediate](#)

2nd Place: [Kathryn Taylor from Bucklands Beach Intermediate School](#)

3rd Place: [Catherine Linnell from Saint Kentigern Boys School](#)

More details about these winning entries [are found here](#).

We want to thank you all once again for entering this competition – and thank you for participating in Primary Science Week for 2024. We are already looking forward to next year's events!



NZAPSE is a branch of the New Zealand Association of Science Educators (NZASE). Our role is to support science in Primary Schools and enhance the teaching and learning of science at primary level. NZAPSE runs an annual Primary Science Week, Week 3 Term 2. This newsletter is a way to keep you up to date and is published quarterly. Other ways to be updated is to keep an eye on [NZ Primary Science Teachers](#) fb page and [our website](#) (currently being updated)



NZASE

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