

Science Road Show Brings Hands-On Learning to Redoubt

We had an exciting opportunity to host the Science Roadshow on March 12th and 13th, serving as a trial venue for this interactive and educational experience. Over the course of two days, students were immersed in the wonders of science through live demonstrations and 60 hands-on exhibits.

The event commenced with an engaging live show on the water cycle, the carbon cycle, sources of fuel and the greenhouse effect. Students were captivated by the demonstrations, gaining a deeper understanding of how these scientific principles relate to everyday life. The exhibition featured six themed sections, each with interactive displays designed to spark curiosity and encourage exploration. Each exhibit included a context board, explaining the science behind the concept and its real-world applications. To enhance the learning experience, 12 Year 7 and 8 students took on the role of explainers, guiding their peers through the exhibits and sharing their knowledge.

The event concluded with a thrilling demonstration of balloons and Bernoulli's principle, leaving students amazed by the fascinating effects of air pressure and rocket launches with a BOOM!

These hands-on demonstrations and live shows helped deepen the students understanding of these important scientific principles, making learning both fun and engaging! Here are some key scientific concepts they learned.

- Pressure is the force applied over a given area.
- A vacuum is created when there are unbalanced pressures in a system.
- The faster a fluid (like air) moves, the lower its pressure—a principle known as Bernoulli's Principle.

Gases, like air, can compress and expand, making them somewhat elastic in nature. The Science Roadshow was a perfect complement to Science Week at Redoubt North, reinforcing key scientific ideas in a fun and interactive way. A huge thank you to the Science Roadshow team for bringing this inspiring experience to our school!

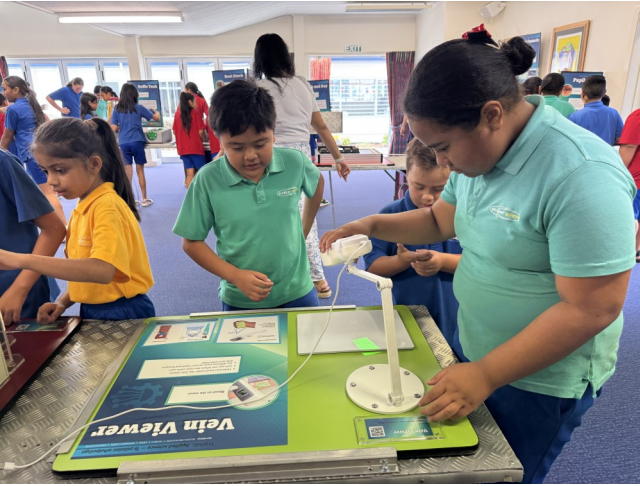
SPORTS REPORT

Throughout term 1 we have participated in a range of new activities, skills and movements during our PE sessions with Mr. Donnelly. Students have been developing skills based around collaboration, understanding of fair and safe play, stability and hand eye coordination. Our middle and senior school students have also been using traditional cultural games such as Ki o Rahi, Tapu Ae, Poi Toa, Maui Matau and Lape to develop and understand evasion and collaborative skills, while learning cultural terminology and history through games.

We would also like to congratulate all the Enterprise students who played and represented Redoubt North at the South Eastern Zone Tag tournament earlier this term. Our tamariki showed resilience, perseverance and a high level of sportsmanship to all teammates and opponents throughout the day.

ROYAL NZ BALLET—"DAZZLEHANDS"

In Week 8, we had an amazing week with the Royal New Zealand Ballet! Jordana Arnold, RNZB Dance Educator, spent the week at our school, leading exciting dance workshops with every class from Year 3 to Year 8. Students had the opportunity to learn choreography inspired by the story Dazzlehands, exploring key parts of the story through movement and music. It was fantastic to see all of our students getting involved! The workshops were filled with laughter, smiles, and pure delight as each class's dance came to life. A huge thank you to Jordana Arnold and the RNZB for bringing such a fun and inspiring experience to our school!



Jane Milner, Principal

ANZAC Commemoration

# NEWSLETTER

ANZAC COMMEMORATION

On Wednesday the 9th of April at 11am, Redoubt North School held an ANZAC commemorative assembly in the Performing Arts Theatre.

Our special guests included Dr Anae Neru Leavasa (Member of Parliament), Constable Matt Green, Vice President or Howick RSA Mr. Dean Clisby and representatives from the New Zealand Army, Private Chris Singh and the Royal New Zealand Navy, Lieutenant Benjamin Sterritt. The assembly was memorable and moving especially when the flag was lowered and the children sang "Lest We Forget".



LEADERS FOR 2025

We are thrilled to announce our 2025 Year 8 student leaders. Our prefects and head students are chosen not only for their leadership qualities, but also for their dedication, integrity, and the positive example they set for others. They are students who consistently show kindness, good manners, and take the time to acknowledge others with a smile or a friendly word, these are small actions that make a big difference. Our Head Boy is Kip Kipa, and our Head Girl is Peccy Laiseni. Our Prefects are Abel Uo, Jayden Kaveriri, Kayla Dang, Maria Mafi and our Music Prefect is Bezael Ma'u. Our Sports Leaders are Sinai Mareko, Jovarn Katipa, Pitoitua Kaisala, Moetautua Mataroa, William Huynh, Rose Hunt, Brooklyn Nicholas, Elias Laban, Amataiti Heather, Judy Wells, Raymond Cecil and Irven Aramay. Congratulations everyone!



10 APRIL 2025
ANZAC commemoration
Leaders 2025
Science Roadshow
Sports Report
RNZ Ballet
What's On?
LAST DAY OF TERM FRIDAY 11 APRIL
FIRST DAY OF TERM 2 28 APRIL
Kings Birthday Public Holiday Monday 2 June
Teacher Only Day and Matariki Public Holiday 19 & 20 June

A BIG THANK YOU!

To all our children and families for their support with our "Poppy fundraising" this week for the Howick R.S.A, we raised \$826.60



