

Science Showcase winners announced

The annual Senior School Science Showcase once again highlighted the ingenuity and resourcefulness of Meriden girls. Over 120 students from Years 8, 9 and 10 exhibited their research projects. The Showcase was judged by five guest judges who spoke to the girls about their pathways to their own STEM careers.

This year's guest judges included:

- **Emily Hurley** – Cardiac stem cell researcher at the Victor Chang Cardiac Research Institute.
- **Belinda Zhang** – PhD student at the University of Sydney and a STEM professional from the CSIRO who will be working with Meriden students in STEM areas.
- **Poppy Benn** – Meriden Old Girl who is studying genetics at the University of Sydney.
- **Alice Motion** – Associate professor at the University of Sydney who is completing research focused on open science and science communication.

Congratulations to the following winners of each category.

Year 8 Investigations:

- **First Place** – Miriam Shin
Miriam investigated which concentration of borax in water would be most successful in capturing carbon dioxide from the air.
- **Second Place** – Amelia Von
- **Highly Commended** – Samantha Luong and Veronica Xie

Year 9 Investigations:

- **First Place** – Clara Yam
Clara investigated the effect of magnetic fields on the healthiness and responsiveness of shrimp.
- **Second Place** – Naomi Riaz
- **Highly Commended** – Kaitlyn Blair and Abigail Sidhom

Year 10 Investigations:

- **First Place** – Stephanie Mikhail
Stephanie tested distinct different baby bottles to ascertain the most effective materials for maintaining the warmth of milk.
- **Second Place** – Meredith Xu and Sophie Yi
- **Highly Commended** – Siena Di Maria, Rachael Hall and Annabelle Joyce

Inventions:

- First Place – Krithi Dhiwaharan
Krithi invented a sensor that attaches to a car seat and detects if a child is left unattended inside a vehicle subjected to extreme temperatures. This invention holds the potential to save lives by preventing such situations.
- Second Place – Emily Yang and Lena Zhu
- Highly Commended – Sophie Gan, Aaliyah Hinh and Esther Hsu

Mrs Claire Marsh

Assistant Head of Science



Krithi Dhiwaharan with her invention



