

2021 Internal Science Fair Winners

Vine Write Up

On the last Friday of Term 2, all of our Middle School students in Years 6 - 9 participated in Pedare's inaugural Science Fair internal judging competition for a double lesson. Science Fair provided our students with the opportunity to apply scientific processes to problems or questions that interest them. For the weeks leading up to the Science Fair, students posed questions, researched and formulated hypotheses, carried out research, analysed their findings in class. They then presented their findings to the different judges. On the day, the Middle School was a hive of activity as students and staff alike engaged with the posters which were presented for judging. The Science Fair was a fantastic opportunity for students to work on their time management, communication, risk-taking and creativity. Congratulations to all students who won a judging prize or have been selected to progress to the next round of judging at One+ on the 6th of August.

Year Level	Judges Choice Winner	Teachers Choice Winner	Students Choice Winner	Progress to One+ Competition 2nd Chance
6	Freezing Point Depression - Krishna - Mrs Zerner / Mrs Mossel Iron in Soil - Alyx, Ebony, Ruby - Mrs Zerner / Mrs Mossel	Best Bacterial Wipes - Emily, Sophie, Elly May - Mrs Zerner / Mrs Mossel	Dancing Plants - Hiphwany Chung - Miss Glapa	<ul style="list-style-type: none"> • Vegetable Battery - Dherya - Mrs Zerner / Mrs Mossel • Will it Dye or Will it Die - Matilda Smyk, Zara Lebessis, Bailee Illman - Miss Glapa • Does sugar affect the taste of cupcakes? - Mr Henriks
7	Microbial Fuel Cell - Eugene Lee - Mrs Johnson	Space Showdown - Thomas Palmer - Mrs Johnson	Rethink your drink - Keeley de vink - Mr Raymond	<ul style="list-style-type: none"> • UV light VS Bacteria - Fiona Cheng - Mrs Johnson • Hyperactive Heart Rates - Oscar, Ashton & Ned - Mr Raymond • Bacteria Arena - Mr Gale/Mrs Gerow
8	Spice Busters - Casey & Angus - Mrs Meinel Does grey water affect plants - Jesse Cockburn - Mr Willis	Paper Towelling - Kailee - Mrs Johnson Rock, Paper Strategy - Callum Robertson - Miss Ireland	Earthworms - Hertu & Tri - Mrs Johnson	<ul style="list-style-type: none"> • Bath Bomb Science - Rebecca & Hallie - Miss Ireland • Energy Analysers - Ryan Bewley & Jamin Field - Mrs Meinel • Burn Baby Burn - Rhea & Jessica -

				<p>Miss Ireland</p> <ul style="list-style-type: none"> • Forensic Fingerprint Finding - Keziah Chung & Lorcyn-Murdy Green - Mr Willis • Don't drink this - Ojaswi Ghising & Stella Nayun - Mrs Meinel • Cleaning Clothes - Halyn Oh - Mrs Johnson • Natural VS Synthetic Filters - Lanna & Aditi - Miss Ireland
9	Quality, Clarity & Growth of Alum Crystals - Omar - Mrs Bramfords Class	Macronutrients & Exercise - Caitlyn & Ranya - Mrs Bramford Class	Chelsea, India & Matilda - Flour Power - Mrs Paget's Class	<ul style="list-style-type: none"> • What produces more electricity? Lemons or Potatoes - Hanco & Gideon - Mr Jacobs • Charlene, Ruby & Lara - Taste of Colour - Mrs Bramford • What is the most effective type of meditation? - Silvana - Mrs Bramford