

# Special Prizes 2017

## Bronze Awards

### NZ Soil Science Society Award

**Olivia Bindon** Glen Eden Intermediate School Plant Filtration

### New Zealand Statistical Association Junior Award

**Max Tunnicliffe** Ponsonby Intermediate Warm and Cozy Rubbish

### New Zealand Statistical Association Senior Award

**Serena Li** St Cuthberts College In Vitro-spect..

### Clare Butcher Award for Natural History (Entomological Society of New Zealand)

**Tesscinta Weir** St Dominics Catholic College  
Why do Chameleons change colour?

### Ornithological Society Award

**Timothy Shires & Stuart Campbell**  
Saint Kentigern Boys School Purrr-edators

### Baking Industry Research Trust Award 1st

**Mia Hooton** Saint Kentigern Girls' School How Sweet Is Too Sweet?

### Baking Industry Research Trust Award 2<sup>nd</sup>

**Caitlin Kilpatrick & Antonia Trevor**  
St Dominics Catholic College What makes a cake bake?

### NZIFST Award for Food Technology 1st

**Narisa Limpapaswat** St Cuthberts College Apple vs. Oxygen

### NZIFST Award for Food Technology 2nd

**Kyla Lee & Jessica Ou** Epsom Girls Grammar School  
Time to See Levels of Vitamin C

**SAANZ Prize for Best Social Science Focus 1st =**

**Priyanka Lavan & Nina Stanimirovic**

St Dominics Catholic College

The Cross-Race Effect

**SAANZ Prize for Best Social Science Focus 1st =**

**Laura Balmer & Catherine Hall**

Baradene College of the Sacred Heart

Mind The Gap

**Stardome Observatory Prize**

**Nivedita Teary & Edward Pawson**

Auckland Normal Intermediate

Stars of the future

**Geoscience Society of New Zealand Prize**

**Pandit Trivedi**

Mount Roskill Grammar School

For the "Crater" good

**New Zealand Microbiological Society Mike Baxter Prize**

**Mysty Cooke**

St Cuthberts College

Synthetic Staph; Is turf causing skin infections?

**Department of Conservation Award**

**Conor Doherty & Cole Barfoot**

King's School

To Carp or Not To Carp



## Planet Earth and Beyond Years 9 & 10

**Benjamin Zhang & Yash Savani**

Mount Roskill Grammar School

Save The Ice

## Senior Science

**Weighing Yi & Lily Tang**

Epsom Girls Grammar School

Streamwater Savior

## Transport Auckland Council Award - A Day in the Life of Auckland Transport

**Arnav Kumar**

Mount Roskill Grammar School

The faster you stop, the bigger the mess!

**Kaythi Finn**

Saint Kentigern Girls' School

Thinking Outside The Soapbox

**Sean Starr & Jaden I'Ami**

Ponsonby Intermediate

Magnetic Levitation

## Science Awards Trust Prize

**Benjamin Poole & Sam Robertson**

Saint Kentigern Boys School

Multitasking Music and Memory

**Katie Dirks**

Saint Kentigern Girls' School

Pocket Rocket

**Chenhuan Liu & Raissa Zhang**

Epsom Girls Grammar School

Doctor Moss

**Jules Webb**

Saint Kentigern Boys School

Electricity generation from a microbial fuel cell

**Alex Jagusch**

King's School

Leak! Puddle! Flood!

## Auckland Museum Scientist for a Day

### Junior

**Jack Priddy** Saint Kentigern Boys School  
Where do Microorganisms most like to live?

**Zaafirah Ali** St Dominics Catholic College Algae Invasion

### Senior

**Amy Song** St Cuthberts College  
The effect of Nitrates on Algal Growth

**Noor Al-Shamma** St Cuthberts College Rocky Shore Biodiversity

## Gold Awards

### University of Auckland Physics Department - Award for a Project in Optoelectronics

Elle Daji & Katya De Silva

St Cuthberts College

ClimaChill: Science or Science Fiction

### University of Auckland Physics Department - Award for a Project in Medical Physics

Luka Ljubisavljevic

Saint Kentigern Boys School

Sound Tsunami

### University of Auckland Physics Department - Award for Excellence in Physical Investigations

Aidan Davis

Michael Park School

Designing and Testing a hydrofoil surfboard

### University of Auckland Physics Department - Award for Excellence in Physical Investigations

Jonathan Chan

Auckland Grammar School

Leidenfrost Stars

### University of Auckland Junior Scientist

Nour Abughazala

Epsom Girls Grammar School

The Black Healer

Shahd Alisawi

Epsom Girls Grammar School

The Black Healer

Yilin Zhao

St Cuthberts College

Calcium content of milk products

### Photon Factory Award for Technology - Years 7 - 8

Ryan Wong

Glen Eden Intermediate School

The Fatty Catty Feeder

Ethan Chester

Hebron Christian College

You Tube Timer

Andy Pitts

Remuera Intermediate School

Alpacka - Ski Backpack

## **Dodd-Walls Centre Prize for best exhibits involving optics**

**Rebecca Hounsell**                      Diocesan School for Girls                      Rangefinder

**Nivedita Teary & Edward Pawson**  
Auckland Normal Intermediate                      Stars of the future

## **Dodd-Walls Centre Prize for excellence in a Junior Project**

**Kate Brewster**                      Ponsonby Intermediate                      I Suck

**Daniel Nuku**                      St. Peter's College  
How Flammable is Your Carpet?

**Promise Akindeju**                      Epsom Girls Grammar School                      Device vs Paper

**Arnav Kumar**                      Mt Roskill Grammar School  
The faster you stop the bigger the mess!

## **University of Auckland - Dean of Science Creativity Prize**

### **For... resourcefulness in sourcing natural products**

**Faith Tupuhi & Brylee Smith**  
Auckland Normal Intermediate                      Our Natural Product

### **For ... the unusual use of micro-organisms**

**Chelsea Sampson**                      Hobsonville Point Secondary School                      Grow Your Own Fabric

### **For ... an original concept design**

**Rei Fung**                      Hebron Christian College                      Blind Gamer?

# Platinum Awards

## NIWA Auckland Prize - Best Exhibit in Atmospheric & Water Science

**Archie Lamont-Bowden**

St. Peter's College

Effect of Altitude/Land Elevation on Rainfall Levels

## NIWA Premier Platinum Award - Runner Up to Premier Award

**Weighing Yi & Lily Tang**

Epsom Girls Grammar School

Streamwater Savior

## NIWA Premier Platinum Award - Best Overall Exhibit in the Fair

**Jonathan Chan**

Auckland Grammar School

Leidenfrost Stars