



SASTA

OLIPHANT

SCIENCE AWARDS

2022 Presentation Ceremony

Friday 21 October

Thank you to our 2022 Platinum Sponsors



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Department for Education



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South
Australian
Science
Teachers
Association

The South Australian Science Teachers Association would like to thank the sponsors of the Oliphant Science Awards

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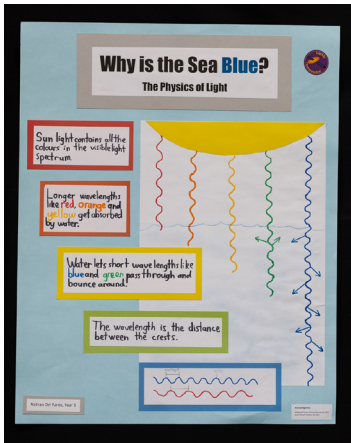
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Wine Australia

Congratulations to the 2022 winners and participants

Our sector acknowledges the passionate educators empowering young people to pursue their interests in scientific inquiry.

Innovation and sustainability in our industry is underpinned by science and research-informed knowledge.

Our support highlights the importance and practical application of science, technology, engineering and mathematics across agriculture, viticulture, food chemistry and wine science – oenology, inspiring the next generation of science professionals.

Visit www.yourcareer.gov.au/careers/2342/chemist-and-food-and-wine-scientist



A message from the SASTA President

The Oliphant Science Awards are conducted annually by the South Australian Science Teachers Association (SASTA) and were named in recognition of the contribution made to Science by SA scientist Sir Mark Oliphant. The Awards provide students with an opportunity to extend their scientific literacy, by showing interest in and understanding of the world around them, engaging in discussions about science, and being able to make informed choices about the environment and their own health and wellbeing.



Since the start of the Awards in 1981, participation has grown and students from all over South Australia now enter the competition. The wide range of interests and abilities of these students is catered for by the many categories and age groupings offered. Student participation is further encouraged because group entries are allowed in many categories.

The Oliphant Science Awards is one of the many activities organised each year by the South Australian Science Teachers Association to assist science education in schools and in our community. SASTA develops and maintains close links with education authorities, businesses, industry and the tertiary education sector. Working closely with such organisations allows us to develop resources, publications, programs and professional learning opportunities like workshops and conferences for SA teachers.

The support and sponsorship that SASTA receives from our partners also enables us to recognise and celebrate the excellent work of students in these Awards. With many prizes in each age group and category, this Ceremony is a testament to the huge effort made by students, often in close collaboration with their teachers. At the end of the ceremony, you will see the perpetual trophy that Sir Mark designed and crafted. The winning student holds this for one year, then the trophy is exchanged for an engraved medal at the following year's Ceremony.

SASTA's strength lies in our members, and in the many highly committed educators who volunteer their time out of school hours to ensure that we continue to serve the needs of all teachers of science. Our members are drawn from all education sectors, teaching all year levels across the state. We are also fortunate to have a group of excellent staff who form a permanent secretariat to ensure the continuing smooth functioning of all aspects of our business. Because of such strong support from our members and staff, SASTA has the capacity and expertise to be closely involved in developing ideas about how best to ensure that all students become enthusiastic learners of science.

At SASTA we are proud of our contribution to supporting learning for teachers and their students. We will continue our commitment to fostering an awareness and appreciation of the roles that science, technology and innovation play in our daily lives and in the future environmental and economic strength of the country.

Dina Phan, SASTA President

Sir Mark Oliphant

1901–2000

The South Australian Science Teachers Association has been privileged to have had Sir Mark Oliphant as our Patron for the SASTA Oliphant Science Awards since their inception in 1981.

Like many of the recipients of these awards, Sir Mark was born in South Australia and received his primary and secondary education in state schools here. An outstanding student, Sir Mark investigated a number of career pathways and eventually settled on the pursuit of science at the University of Adelaide. Sir Mark showed a love of tinkering and invention from an early age, and it was in the science laboratories in Adelaide that he started to make his own scientific apparatus. He was to become one of the leaders in the design and construction of revolutionary apparatus, including particle accelerators used to investigate the structure and interactions of the nuclei of atoms.

In 1927 a scholarship took Sir Mark to the famous Cavendish Laboratories in Cambridge, UK where he worked with Lord Rutherford, who was a pioneer in atomic physics.

Together with other great scientists including Fermi, Lawrence and Oppenheimer, Sir Mark created the brave new world of nuclear physics. His expertise in this area was to lead Sir Mark to the Manhattan Project in America and to his participation in the development of the first atomic bomb.

Sir Mark was always a champion of the peaceful uses of atomic energy, and in 1937 accepted his first professorship as head of the Physics Department at Birmingham University where he was to continue to push the boundaries of knowledge of nuclear physics. In this year he was elected as a 'Fellow of the Royal Society'.

In 1955 Sir Mark's reputation as scientist, research director and administrator were well established in the scientific community. This, together with his declared interest in establishing world class educational research facilities in Australia, led Sir Mark back to Australia at the request of the Government. In this year he founded the Research School of Physical Sciences at the newly established Australian National University in Canberra.

In the years after retirement from academic life, Sir Mark became a household name in South Australia where he gave distinguished service as our State Governor from 1971 to 1976.

A clear demonstration of his ongoing support of science and science education was provided to the science community in our state when Sir Mark agreed, in 1981, to lend his name as patron of the SASTA Oliphant Science Awards.

Sir Mark's legacy will live on in many ways, not least through the thousands of students and teachers who participate in these awards annually.

Of special significance is that Sir Mark, through his love of tinkering and invention, made the perpetual Oliphant Trophy himself.



Past Oliphant Trophy Winners

1981	David Tilley , Mount Gambier High School
1982	Andrew McDowell , Oakbank Area School
1983	Stella Miller , Oakbank Area School
1984	Vernon Wells , Marryatville High School
1985	Eleanor Rainsford , St Peter's Collegiate Girls' School
1986	David Messenger and Darren Kelly , Glenunga High School
1987	Darin Lovett and Edward Dunstone , Prince Alfred College
1988	Frank Trimboli and Nikolaos Vogiatzis , Underdale High School
1989	Simon Ratcliffe , Henley High School
1990	Kingsley Storer , Prince Alfred College
1991	John Sanderson , Pulteney Grammar School
1992	William Greenrod and Michael Ashley , Pulteney Grammar School
1993	Mark Hodson and James Jolly , Modbury High School
1994	Mark Hodson , Modbury High School
1995	Kyra Reznikov , Annesley College
1996	Jamie Messner , Prince Alfred College
1997	Erik Procko , Marryatville High School
1998	Erik Procko , Marryatville High School
1999	Paul Philips, Lydia Rofe and Kristina Miller , Marryatville High School
2000	Andrew Royal , Faith Lutheran Secondary School
2001	Alexander Cichowski , Brighton Secondary School
2002	Samuel Teck Ern Wong , The Norwood Morialta High School
2003	Samuel Teck Ern Wong , The Norwood Morialta High School
2004	Alyssa Fitzpatrick , Loreto College
2005	Konrad Pilch , St Peter's College
2006	Finn Stokes , Australian Science and Mathematics School
2007	Finn Stokes , Australian Science and Mathematics School



2019 Oliphant Trophy winner Phoebe Wood with Monica Oliphant



2018 Oliphant Trophy winner Sabrina Lin with Monica Oliphant

Past Oliphant Trophy Winners cont.

2008	Michael Huxley , St John's Grammar School
2009	Benjamin Harrison , Urrbrae Agricultural High School
2010	Michael Huxley , St John's Grammar School
2011	Nina Mao , Glenunga International High School
2012	Will Russell , St John's Grammar School
2013	Madeleine Lilburn , Loreto College
2014	Sarah Damin, Isabelle Greco & Bridget Smart , Wilderness School
2015	Kee-An Seet , Glenunga International High School
2016	Alexandra Stephenson , Adelaide Hills Home School Group
2017	Amber Washington , Norwood Morialta High School
2018	Sabrina Lin , Glenunga International High School
2019	Phoebe Wood , Upper Sturt Primary School
2020	Raihanah Pranggono , Glenunga International High School
2021	Eugene Lee , Pedare Christian College



2017 Oliphant Trophy winner
Amber Washington



2021 Oliphant Trophy winner
Eugene Lee



2020 Oliphant Trophy winner
Raihanah Pranggono

Master of Ceremony for the evening

Dr Julie-Anne Popple

Dr Julie-Anne Popple is a science communicator and qualified teacher who is passionate about sharing a love of all things STEM. She grew up chasing bugs which led to her studying glow-worms and locusts as an entomologist. Working in science education led her to discover a love of teaching and outreach. Julie-Anne is the SA State Outreach Officer working on the Tall Poppy Campaign for the Australian Institute of Policy and Science. She is also a space communicator at the Australian Space Discovery Centre. She hopes to inspire others to pursue STEM careers.

A message from the Convenors



The Oliphant Science Awards are conducted annually by the South Australian Science Teachers Association, and are named in honour of the late Sir Mark Oliphant, our former Patron, and in his time an outstanding supporter and promoter of our student science competition.

The Oliphant Science Awards commenced in 1981, with Sir Mark personally hand crafting the trophies for the best male and female entrants. Since then student participation has continued to grow, and very many students throughout South Australia now participate. The wide range of interests and abilities of these students is catered for by the many categories and age groupings that we offer.

Sir Mark personally designed and crafted the titanium metal perpetual trophy that the annual winning student holds for one year. The trophy is then exchanged for an engraved medal at the following year's Presentation Ceremony.

The Oliphant Science Awards recognise outstanding student work with prizes in each age group and each category. There are many prizes made available through the generosity of our Sponsors, who are an integral part of the success of our Awards. We acknowledge this support through their attendance at and participation in the Presentation Ceremony. Without our sponsors we could not offer such a successful student science competition.

An essential component of the Oliphant Science Awards is the judging. SASTA acknowledges and thanks the large group of dedicated teachers and supporters of science education who have volunteered to judge the thousands of entries that students prepared for this year's competition. This contribution to SASTA and to science education is greatly appreciated.

The Oliphant Science Awards have once again been a great success thanks to the participation of thousands of students. We know that this participation happens with the encouragement and support given by very many parents and teachers, and we thank you all for this support, coming as it does at a time when student engagement in Science has never been more critical. We also thank and acknowledge the hard work of the SASTA OSA Committee members and volunteers who make this project possible. And finally, we thank the SASTA Office staff for their dedicated commitment to the success of the Oliphant Science Awards. This is the largest project that our association undertakes annually.

Each of the eight Australian state and territory Science Teacher Associations offers student science competitions. At SASTA we are proud that in recent years, our Oliphant Science Awards has been the largest of these state competitions, a success built on the contributions of the many people listed above.

Whatever your role is, we thank you for your contribution to this wonderful project.

Peter Turnbull and Gerald Little, Oliphant Science Awards Convenors, 2022



**The Department for Education
is proud to sponsor the
Oliphant Science Awards**

www.education.sa.gov.au



Government of South Australia
Department for Education

Oliphant Trophy Winner 2022

For outstanding science content.

Presented by Ms Monica Oliphant.

11-12 Isaiah Ajaero, Concordia College

Science Writing: Chimeric antigen receptor T-lymphocytes (CAR T-lymphocytes): The application of immuno-engineering in the treatment of haematological malignancies

Oliphant Medal

Presented by Ms Monica Oliphant to the 2021 Oliphant Trophy Winner

7-8 Eugene Lee, Pedare Christian College

Models & Inventions: The Power in Bacteria: The Microbial Fuel Cells

Platinum Sponsor Prizes

Rowe Scientific Emerging Talent Award

Awarded to the two best Primary and two best Secondary entries from regional or low SES schools.

5-6 Natasha Florance, Kangaroo Island Community Education

Games: Scholar Bees

5-6 Ashleigh Fourie, Southern Vales Christian College

Models & Inventions: Transforming Energies

7-8 Zoe Wright, Kildare College

Photography: Through the Glass

11-12 Kalaivani Mahalingam, Our Lady of the Sacred Heart College

Posters: Light As We See It



Department for Education Young Scientist Awards

Awarded to the overall top performing students in Primary and Secondary competitions.

Department for Education Young Scientist Awards R-4

1st Chloe Zuo & Hanyue Li, Grange Primary School

2nd Oaki Bellison, Belair Primary School

3rd Ellie Girgolas, Loreto College

4th Alexander Jain, East Torrens Primary School



**Government
of South Australia**

Department for Education Young Scientist Awards 5-8

1st Chengyuan Yu, Linden Park Primary School

2nd Thomas Palmer, Pedare Christian College

3rd Chloe Yaan Yuit Yew, Norwood International High School

4th Jackson Burford, St John's Grammar School

Department for Education

Department for Education Young Scientist Awards 9-12

1st Shakira Tremaine & Brayden Wilson, Kangaroo Island Community Education

2nd Linh Huynh, Glenunga International High School

3rd Kahlea Sweet, Mary MacKillop College

4th Omar Haider, Pedare Christian College

Department for Education Young Scientist Awards - Special Schools

Ryder Seymour, Errington Special Education Centre

Faith Aravelo, Errington Special Education Centre

Jason Calandro, Errington Special Education Centre

Jack Burford, Errington Special Education Centre



Australian Government

Defence

Congratulations
to all entrants in the

Oliphant Science Awards



Defence Science and Technology Group (DSTG), a major sponsor of the Oliphant Science Awards, offers a rewarding career with the chance to work with many of Australia's leading scientists and engineers with access to some of the most advanced technology and facilities currently available.

DSTG is based at Edinburgh in South Australia and can offer careers in computer science, information technology, electrical or electronic engineering, mathematics, behavioural or cognitive science and psychology.

DSTG is part of Defence. We deliver expert, impartial advice and innovative solutions for Defence and national security.

DSTG supports every aspect of Australia's national defence capability: if a soldier eats it, wears it, thinks it or uses it, there's every chance that DSTG has done the research behind it.

For more information on DSTG and ways you can get involved, visit www.dst.defence.gov.au/careers



Platinum Sponsor Prizes

Defence Science & Technology's Secondary School Prizes

Awarded to the schools with the two highest aggregate score in all categories for years 7-10 and 11-12.

7-10

1st Glenunga International High School

2nd Walford Anglican School for Girls

11-12

1st Kangaroo Island Community Education

1st Glenunga International High School



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Gold Sponsor Prizes



Award for consistently high achievement and participation in the Scientific Inquiry and Models and Inventions categories.

CSIRO Education/CREST Primary Prize

Grange Primary School

CSIRO Education/CREST Secondary Prize

Walford Anglican School for Girls

Wine Australia

Wine Australia Prizes R-12

For the most outstanding entry highlighting food chemistry

- | | |
|------|--|
| R-2 | Ginevra Betti, Annesley Junior School
Scientific Inquiry: "Gas" What's in the trash? |
| 3-4 | Maryam Cedra Sawad & Sharanya Reddy, Wilderness School
Models & Inventions: Climate change mitigation and adaptation |
| 7-8 | Chloe Yaan Yuit Yew, Norwood International High School
Scientific Inquiry: How does Ph affect the rate of reaction of catalase breaking down from hydrogen peroxide |
| 9-10 | Yingge (Maggie) Lin, Emmaus Christian College
Scientific Inquiry: What makes some tea more acidic than others? |
| 9-10 | Emily Weir, Walford Anglican School for Girls
Scientific Inquiry: The effect of soil salinity on the growth of plants |

Models & Inventions Category Sponsor Prizes



**AUSTRALIAN
INSTITUTE OF
ENERGY**

SOUTH AUSTRALIA

Australian Institute of Energy Prizes R-12

Awarded to the best entry at each year level with a sustainable generation and uses of energy theme.

- | | |
|-------|--|
| R-2 | Samuel Kozman, St Andrew's School
Programming, Apps & Robotics: Smart Dog Feeder |
| 3-4 | Oliver Grubb, Pembroke School
Models & Inventions: Footpath Electricity Generator |
| 5-6 | Annabelle Tan & Alexandra Tan, St Andrew's School
Scientific Inquiry: Does Heat Affect A Phone's Battery Power? |
| 7-8 | Thomas Palmer, Pedare Christian College
Programming, Apps & Robotics: Tokamak Simulator |
| 9-10 | Linh Huynh, Glenunga International High School
Multimedia: The Future Us |
| 11-12 | Jasinta Morriss, Mitcham Girls High School
Science Writing: Sustainable Housing Design |

Photography Category Sponsor Prizes



South Australian Museum Photography Prizes R-12

For the best Photography entry of natural fauna, flora or natural land formations and must have been taken in the ANZANG bioregion.

- R-2 Lara Nassery, Wilderness School
Photography: The Environments Journey of Renewal
- 7-8 Kevin Gao & Daniel Teng, Glenunga International High School
Photography: A Living Fossil: Fungi
- 9-10 Coco Chittleborough, Brighton Secondary School
Photography: Australian Sea Lions in their Natural Habitat

Science Writing Category Sponsor Prize



Clean Air Society of Australia & New Zealand Prize 9-12

Awarded to the best student entry from Science Writing or Scientific Inquiry that addresses Air Quality: Emissions and Monitoring.

- 9-10 Amena Rafeeq, Our Lady of the Sacred Heart College
Science Writing: Air Quality

AUSTRALIAN GEOGRAPHIC NATURE — PHOTOGRAPHER OF THE YEAR —

AUSTRALIA NEW ZEALAND ANTARCTICA NEW GUINEA

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Matty Smith, *Head On* (detail).



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Scientific Inquiry Category Sponsor Prizes



University of
South Australia

University of South Australia – Sustainable Future Prizes R–12

Awarded to the most inspiring entry highlighting the value of Information Technology, Engineering and Environmental Science to a Sustainable Future.

- 3-4 Maryam Cedra Sawad & Sharanya Reddy, Wilderness School
Models & Inventions: Climate change mitigation and adaptation
- 7-8 Saheli Dissanayake, Seymour College
Programming, Apps & Robotics: Plant Disease Leaf Detection Using Machine Learning

Silver Sponsor Prizes



Catholic Education SA Primary School Prizes

Awarded to the best two primary schools with high achievement and participation across a wide range of categories.

- 1st Walkerville Primary School
- 2nd Grange Primary School



Flinders University Environment Prize 7–12

Awarded to the most inspiring entry covering an environmental issue in South Australia.

- 7-8 Ajayraj Singh Shekhawat, Glenunga International High School
Science Writing: Developing a Greener Future

Flinders University Science Prize 7–12

Awarded to the outstanding research-based entry in science.

- 7-8 Chloe Yaan Yuit Yew, Norwood International High School
Models & Inventions: The Effect of High Heels on the Foot

Flinders STEM Academy Regional Student Prizes R–12

For the most outstanding entry from a student in a regional area.

- 5-6 Tom Nettle & Cooper Klingbiel, Cobdogla Primary School
Scientific Inquiry: Carp Catchers
- 11-12 Shakira Tremaine & Brayden Wilson,
Kangaroo Island Community Education
Multimedia: The Feasibility of Biochar and its Application in a Greener Future



THE UNIVERSITY
of ADELAIDE

The University of Adelaide, Faculty of Science, Engineering and Technology: Engineering, Mathematical and Computer Sciences Prize 7-12

Awarded to the most outstanding entry with an engineering, computing or mathematical science theme.

- 7-8 Reuben Purcell, Pembroke School
Programming, Apps & Robotics: Tone Reader

The University of Adelaide, Faculty of Science, Engineering and Technology: Sciences Prize 7-12

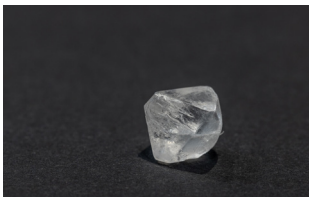
Awarded to the most outstanding entry highlighting the benefits of scientific research to the community.

- 7-8 Cristina Parletto, Walford Anglican School for Girls
Scientific Inquiry: Flaming Hot Pyjamas

Category Prizes

Crystal Investigation

R-2			
1st	Beau Lambden	Walkerville Primary School	New Seeds, Old Seeds, New Solution, Old Solution
2nd	Emma Amelia Farouk Irwan, Rana Sahbike Isik, Ibrahim Mohammad Morshed	Australian Islamic College Adelaide	My Crystal is bigger than yours
3rd	Arthur Harley	Walkerville Primary School	Crystal Growing
HC	Celeste Fitzgerald, Elisa Fourcade Choco, Ava Dela Roza	Highgate School	Shaping Alum Crystals
3-4			
1st	Abigail Upton, Kayla Laity, Isabel Coetzee	Pilgrim School	Crystal Chemicals!
2nd	Maxim Gretchkosiy, Isaac Powell	Grange Primary School	Crystal Investigation
3rd	Adeline Wilson, Lila Nassery	Wilderness School	Crystals
HC	Aviv Choi	St Peter's College	The Crystal Galaxy
HC	Aria Diakou	Norwood Primary School	Crystal Investigation
HC	Chloe Horowitz	Mitcham Primary School	Crystallicious Crystals
HC	Megan Wolosiuk	Aldgate Primary School	Crystal Magic
5-6			
1st	Chloe Lambden	Walkerville Primary School	Summer vs Winter
2nd	Aagam Kafle	Mawson Lakes School	Crystal Investigation
3rd	Venuki Kodithuwakku	Mawson Lakes School	Can a different water source change a crystals clarity, size or appearance?
HC	Saranya Angappan	Burnside Primary School	Saranya's Crystal Investigation
HC	Nathan Ong	St Peter's College	Crystal Investigation
7-8			
1st	Aazeen Haider	Glenunga International High School	Growing in Size
2nd	Eleni Angelopoulos	Walford Anglican School for Girls	Crystal Investigation
3rd	Suhansa Hathurusinghe	Walford Anglican School for Girls	Crystal Investigation
HC	William Lau, Nithin Siddheswaran, Stanly Liu	Adelaide Botanic High School	Potassium Crystal
9-10			
1st	Omar Haider	Pedare Christian College	Crystals
2nd	Isabelle Pirakis	Brighton Secondary School	Crystal Investigation
3rd	Jiahang (Nicole) Li	Pembroke School	Crystal Growth
11-12			
HC	Sierra Bell	Pedare Christian College	Creating the best Crystals
HC	Bobby Tran, Ken Pisanuwong, Kunal Kaura	Brighton Secondary School	Crystal Investigation



Games

R-2

1st	Millicent Guerin	Vale Park Primary School	Grow
3rd	Samantha Nelson	St Aloysius College	Race through Space
HC	Maya Ryan	Loreto College	The Solar System Game

3-4

1st	Massimo Andonas	Grange Primary School	Bouncing Sums
2nd	Jana Barta, Annabel Do	East Adelaide School	Animals on the run
3rd	Alice Schammer	Hawthorndene Primary School	Lovely Lifecycle
HC	Edward Chigwidden	East Adelaide School	Race Run
HC	Shamaim Jibrán, Maryam Cedra Sawad, Fatima Muazzam	Wilderness School	4 Health

5-6

1st	Natasha Florance	Kangaroo Island Community Education	Scholar Bees
2nd	Rachel Chisholm	Wilderness School	The great physical and chemical change
2nd	Chloe Squire, Penny Ahmed	Brighton Primary School	It's a Load of Rubbish
HC	Ruby Georg	Golden Grove Lutheran Primary School	Pandemic
HC	Tobias Heidrich	Annesley Junior School	Sound the Alarm!
HC	Marcus Murdoch	St Peter's Woodlands Grammar School	Quantum Creator

7-8

1st	Lexi Mynott	St John's Grammar School	The lifecycle of glass
2nd	Olive Ali, Elri Mentz	Walford Anglican School for Girls	Manic Mushrooms
3rd	Samarbir Singh	Glenunga International High School	Name It Elementary
HC	Arnav Choudhary	Glenunga International High School	Sir Science
HC	Cameron Cowie, Connor Dolman, Daniel Pearce	Concordia College	Immune
HC	Alexander Lee, Oliver Carney	Scotch College	Mars rover





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Games

9-10

1st	Niamh Gottschutcke, Mae Al-Shammari	Walford Anglican School for Girls	Build-an-Atom
2nd	Daniel Lee, Theoh McWhinnie-Wong	Glenunga International High School	Chem Quest
3rd	Rebecca Vanstone, Ai Chen Rong, Victoria Hayman	Walford Anglican School for Girls	Crazy Corona Crown
HC	Bailey Evans, Jay Watkins, Abdul Matin Mohamad Nazif	Brighton Secondary School	Heated Hoops

11-12

HC	Stuart Vass	Pembroke School	Networks
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Models & Inventions

R-2

1st	Xavier Lo	Concordia College	Magnetic Transport System
2nd	Eloise Durand	Aldgate Primary School	LEGO Earthquake Model
3rd	Lenny Laver	Kangaroo Island Community Education	Will force overcome friction?
HC	Oscar Mullan, Senon Perera, Hollis Hanson	Rose Park Primary School	Conductivity Measurement Unit
HC	Jessica Shah	Wilderness School	Eclipse - How does it happen?



Models & Inventions

3-4

1st	Oliver Grubb	Pembroke School	Footpath Electricity Generator
2nd	Lakshya Singla	Unley Primary School	The extraordinary project
3rd	Oscar Lee, Harvey Allen	Rose Park Primary School	Magnetic Trains
HC	Reya Burns	Southern Vales Christian College	Remains of ancient glaciers
HC	Mitchell Gray	Belair Primary School	Marble run
HC	Maryam Cedra Sawad, Sharanya Reddy	Wilderness School	Climate change mitigation and adaptation

5-6

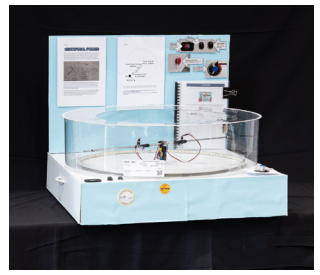
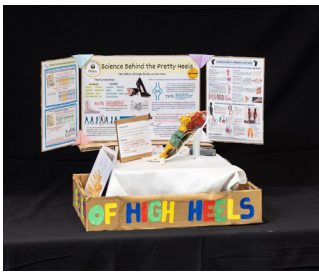
1st	Ashleigh Fourie	Southern Vales Christian College	Transforming Energies
2nd	Max Blairs	Grange Primary School	Electric Motor
3rd	Sienna Hughes, Zac Dib	Grange Primary School	Eastern Brown Snake Anatomy
3rd	Amber Trappel, Penny Trappel	Walkerville Primary School	Lifecycles
HC	Axel Bennier	Stirling East Primary School	Back to the Future Hoverboard
HC	Jahno Fourie	Southern Vales Christian College	Vertical Wind Turbine
HC	Benjamin Low	Immanuel Primary School	Periodic Table
HC	Ariana Ng	Wilderness School	Forceville
HC	Eric Shah	St Peter's College	Do you know quizbox

7-8

1st	Manal Dalwai	Mitcham Girls High School	Bacteriophage
2nd	Chloe Yaan Yuit Yew	Norwood International High School	The Effect of High Heels on the Foot
3rd	Rose McNally, Ruby Lashmar, Baxter Howard	Kangaroo Island Community Education	Bush Revegetation Bombs
HC	Maya Hanna, Anais Cudsi	St John's Grammar School	A sneak peek at evolutionary beaks
HC	Shaya Ismail	Adelaide Botanic High School	Laws of Light
HC	Ryan Kour, Rongwu Qin, Navya Shah	Glenunga International High School	Vertical Farming
HC	Hannah Tamiru, Maymuna Abdullahi, Sharifah Amna Sofia Syed Muhammad Izzat	IQRA College	Earthquake-Proof Bridge
HC	Brij Upadhyay	Glenunga International High School	Steam Engine Power



Models & Inventions is proudly sponsored by the Australian Institute of Energy



Models & Inventions

9-10

1st Steven Girgis

Prescott College Southern

Centrifugal Forces

Steven Girgis is also recipient of the Australian Institute of Physics (AIP) Prize for the most outstanding entry with a physics theme.

2nd Zara Hutchinson

Walford Anglican School for Girls

FloodJax Mitigation Duo

3rd Ellen Sampson

Walford Anglican School for Girls

Coral Protect Net

HC Shanza Ismail

Adelaide Botanic High School

Satellite Laser Communication using Mirrors

11-12

1st Regan Nelson

Prince Alfred College

"HALO" - should we put a ring on it?



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Multimedia

R-2

1st	Harvey Anderson	St Thomas Catholic School, Goodwood	Is Happiness Contagious?
2nd	Lukas Porter	Scotch College	Fruit Volcanoes
3rd	Nikunj Sinhal	St Andrew's School	COVID19 Testing
3rd	Lola Weston	Concordia College	The Science of Cake
HC	Harriette Atkinson	Virginia Primary School	Rain, Rain Go Away
HC	Declan Larkin	St Peter's College	Nesting Cycle of a Bird

3-4

1st	Siobhan Aplin, Grace Leane-Silva	St Aloysius College	EcoNews - Pollination
2nd	Alexa Staszynski	Virginia Primary School	The Rock Cycle
3rd	Caleb Manna	Norwood Primary School	The Importance of Wetland Habitats for Conservation
HC	Abigail Johansen	East Adelaide School	Glow Worms
HC	Dexter Peddie	Home Education	Exploding Pinata Experiment

5-6

1st	Anya Chawla, Ruby Billington, Alexander Smith	St Andrew's School	DNA Mutation in Giraffes - An RAA Animation
2nd	Tyler Gao	St Peter's College	Tips for Re-Using Waste
3rd	Devi Sharma	Rose Park Primary School	Geological Events and Regions, and How They Can Be Affected
HC	Elizabeth Duncan, Indy Threadgold	Walford Anglican School for Girls	Plantly.com
HC	Isaac Khoo	Highgate School	Light and Vision
HC	Callum Mwate	St Thomas Catholic School, Goodwood	The Science Behind a Lemon Battery

7-8

1st	Priyanka Thavarajah	Seymour College	Why do eggs hard boil?
2nd	Saheli Dissanayake	Seymour College	What makes food spicy?

Saheli Dissanayake is also the recipient of the Australian Society for Biochemistry and Molecular Biology Prize for the most outstanding entry with a biochemistry or molecular biology theme.

3rd	Amelie Coulter-Nile	Walford Anglican School for Girls	Depth Perception, what is it?
HC	Isabel Durant, Laura Reynolds, Amber Whelan	Concordia College	That's Photosynthesis!
HC	Casper Peeters, Ngoc Lam Nguyen, Rashmi Adiga	Glenunga International High School	The formation and uses of spider silk
HC	Tilly Schammer	Heathfield High School	The Pointy End of Science
HC	Gurjap Singh, Ella Mordowicz, Oneli Abeynayake	Adelaide High School	Going Off The Grid - 08R01

Catholic Education South Australia congratulates all of the entrants in the **Oliphant Science Awards**

We also acknowledge the contribution of the
South Australian Science Teachers Association

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Multimedia

9-10

1st	Linh Huynh	Glenunga International High School	The Future Us
2nd	Naishvi Patel, Eman Alaboody	Our Lady of the Sacred Heart College	The Evolution of the Earth
3rd	Jasmine Co	St George College	Thunderstorms
3rd	Scarlett Schmerlaib	St Peter's Collegiate Girls' School	Fresh Water vs. Salt Water
HC	Joe Arkwright, Haylee Tang, Emily Curnow	St John's Grammar School	Geology website
HC	Olivia Giotis	Walford Anglican School for Girls	The Science Behind Stretching
HC	Owen Mackinnon	St John's Grammar School	Quantum Concepts

11-12

1st	Shakira Tremaine, Brayden Wilson	Kangaroo Island Community Education	The Feasibility of Biochar and its Application in a Greener Future
2nd	Asira Suetrong	Glenunga International High School	The Wonders of Water

Photography

R-2

1st	Lara Nassery	Wilderness School	The Environments Journey of Renewal
2nd	Sophie Arnold	St Andrew's School	Through the Glass
3rd	Isabelle Wilson	Aldgate Primary School	Magical Mushrooms
HC	Lavanya Angappan	Burnside Primary School	Lavanya's Fabulous Fungi
HC	Ruby Budimir	St Thomas Catholic School, Goodwood	In Motion H ₂ GO!
HC	Elliot Grove	St Peter's Woodlands Grammar School	Playground Physics
HC	Alice Li, Edward Liu	St Andrew's School	The Environments Journey of Renewal
HC	Harper Nguyen	St Andrew's School	Fabulous Fungi
HC	Madeline St John	Belair Primary School	Animal Habitat

**Photography is proudly sponsored by the
South Australian Museum**

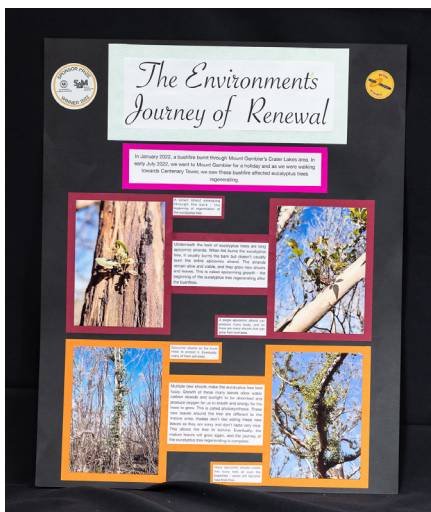
Photography

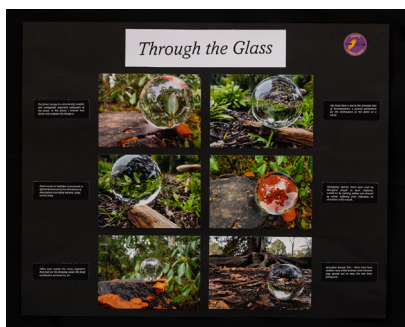
3-4

1st	Ellery Bubner	Hawthorndene Primary School	Fabulous Fungi
2nd	Lila Nassery	Wilderness School	In Motion
3rd	Aiden Davey	Walkerville Primary School	Our Impact
HC	Kimaya Anand	St Peter's Collegiate Girls' School	Through the glass - prismatic click
HC	Yvette Cassetti	Bellevue Heights Primary School	Positive human impact on our environment
HC	Aiden Davey	Walkerville Primary School	Glass as a Building Material
HC	Hamish Florance	Kangaroo Island Community Education	Shingleback Adventures
HC	Delilah Gannon	Loreto College	Animal Habitat
HC	Charlotte Julian	Coromandel Valley Primary School	Fabulous fungi
HC	Taylor Morgan	East Adelaide School	Through the glass
HC	Grace Ooi	St Andrew's School	Our Impact
HC	Eve Patten	Norwood Primary School	Fabulous Fungi

5-6

1st	Isla Church	Brighton Primary School	Refraction - Through the glass
2nd	Joshua Clothier	Immanuel Primary School	In motion
3rd	Oliver Jones	Kangaroo Island Community Education	Life on the Milkwood Tree
HC	Remi Bubner	St John's Grammar School	Fabulous Fungi
HC	Renee Cheang, Katie Ngo	Glenunga International High School	To Get Bent Out Of Shape
HC	Sage Goel	Prince Alfred College	Magic Beneath Us
HC	Elijah Hutchison	Southern Vales Christian College	Through the Glass - Exploring our Galaxy
HC	Amelia Lees	St Thomas Catholic School, Goodwood	Glass as a building Material
HC	Ipsha Shrestha	Immanuel Primary School	Its moving





Photography

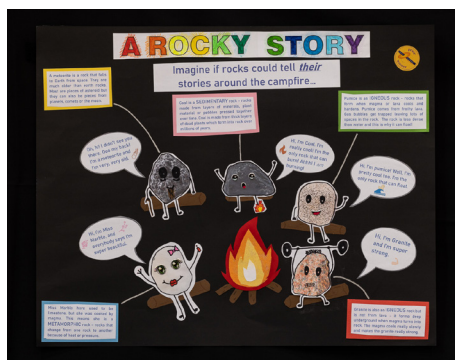
7-8			
1st	Zoe Wright	Kildare College	Through the Glass
2nd	Darcy Koh	St John's Grammar School	In motion
3rd	Caitlin Quilley, Emily Morphett, Emma Collins	Concordia College	Fabulous Fungi
3rd	Zahra Saeed	Mitcham Girls High School	Animal Habitat
HC	Hyun-Woo Cho	Norwood International High School	Through the Glass
HC	Lucinda Fogarty	Mitcham Girls High School	Fabulous Fungi
HC	Kevin Gao, Daniel Teng	Glenunga International High School	Fabulous Fungi
HC	Ella McDermott	St John's Grammar School	The environments journey of renewal
HC	Adeline Richmond, Zoe Leader	Mitcham Girls High School	Fabulous Fungi
HC	Jairaj Shekhawat	Glenunga International High School	Sport in Motion
9-10			
1st	Riley Wright	Adelaide Botanic High School	Through the Glass
2nd	Nathan Aftab	Glenunga International High School	In Motion
3rd	Liana Walters	Brighton Secondary School	In Motion
HC	Eman Alaboody	Our Lady of the Sacred Heart College	In Motion
HC	Coco Chittleborough	Brighton Secondary School	Australian Sea Lions in their Natural Habitat
HC	Viktoriya Chizhova	Brighton Secondary School	Our Impact
HC	Latifa Darwishi, Thinushika Thanapalasundaram, Shokriya Yakubi	Our Lady of the Sacred Heart College	In Motion
HC	Omar Haider	Pedare Christian College	Wetlands Habitat
HC	Ceridwen Kellermann Williams	Glenunga International High School	Fabulous Fungi
HC	Isabelle Pirakis	Brighton Secondary School	Fabulous Fungi
11-12			
1st	Kasimir Kellermann Williams	Glenunga International High School	Glass as a Building Material
2nd	Caitlin Scales	Kildare College	Animal Habitat
3rd	Brayden Wilson	Kangaroo Island Community Education	The Water Cycle: Constantly in Motion

R-2

3-4

Ethan Du is also the recipient of the Royal Australian Chemical Institute (RACI) Prize for the most outstanding entry with a chemistry theme.

2nd	Sophia Otten	Hawthorndene Primary School	A Rocky Story
3rd	Vithyutha Sathyan	Mawson Lakes School	Atom to Me
HC	Isaac Bennett	Pilgrim School	Colossal Squid
HC	Nathan Del Fante	Hawthorndene Primary School	Why is the Sea Blue?
HC	Yuan Ding	Glen Osmond Primary School	The Story of Glass
HC	Hadi Kazmi	Magill School	Physics of Light
HC	Alice King	St Thomas Catholic School, Goodwood	Black Kites Spread Bushfires
HC	Joshua Low	Immanuel Primary School	Glass
HC	Ella Morris	Bellevue Heights Primary School	The Science of Music
HC	Bella Zhang	St Andrew's School	The Science of Music



Posters

5-6

1st	Connor Wallace	Scotch College	Circulatory Marvel
2nd	Faaiza Sunasra	Australian Islamic College	The physics of light
3rd	Robin Aspden	Walkerville Primary School	Causes of Endangerment to Native Freshwater Fish
HC	Gemma Clarke	Walkerville Primary School	Fire storms
HC	Archer Foureur	Brighton Primary School	Contemporary people of science
HC	Lexi Hettner	Cobdogla Primary School	Wild Bushfires
HC	Zoe Liu	Magill School	Natural History Illustration
HC	Ethan Morton	Emmaus Christian College	Bushfires

7-8

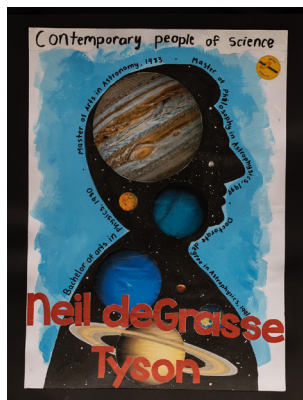
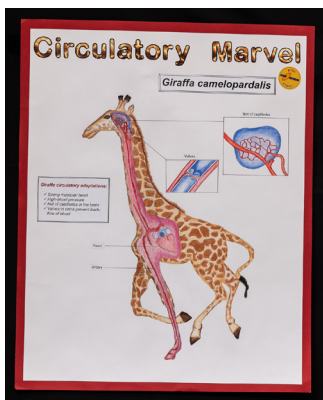
1st	Priyanka Thavarajah	Seymour College	The Science of Music
2nd	Amel Piol	St Aloysius College	Neil De Grasse Tyson
3rd	Helena Krawec	St Aloysius College	Refraction of light through a prism
HC	Luella Choimes	St John's Grammar School	Australian Megafauna Extinction
HC	Maike Enderling	Glenunga International High School	Natural History Illustration
HC	Ava Koh	St John's Grammar School	How natural selection works
HC	Nabiha Masood	Glenunga International High School	The Contributions of Women in Natural History
HC	Sarah Miller	Mitcham Girls High School	Storms
HC	Liv Tjdhof	St John's Grammar School	The science of music

9-10

1st	Milla Lokhorst	St Aloysius College	Lycaenidae Family
2nd	Phoebe Wood	St John's Grammar School	Doedicurus
3rd	Eman Alaboody	Our Lady of the Sacred Heart College	The Physics of Light
HC	Maysara Taha	Australian Islamic College	Skeleton Flowers

11-12

1st	Kalaivani Mahalingam	Our Lady of the Sacred Heart College	Light As We See It
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Programming, Apps & Robotics

R-2

1st	Oaki Bellison	Belair Primary School	Rubbish sorter
2nd	Arius Tingey	Bellevue Heights Primary School	The Scrub Bot
3rd	Samuel Kozman	St Andrew's School	Smart Dog Feeder
HC	Sia Hudson	Paringa Park Primary School	Sia's helpful hand
HC	Michael Wang	St Peter's College	Mr Robot

3-4

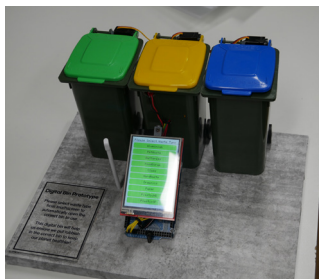
1st	Nivaan Sardana	St Peter's College	Plant Health Monitoring System
2nd	Pradyun Parikh	St Peter's Woodlands Grammar School	Envirokidz
3rd	Gracie Liang	Glen Osmond Primary School	Exploring Space
HC	Olivia Lefebvre, Cataleya Evans	Highgate School	Farm Chaos
HC	Eric Wang	St Peter's College	Ball Shooter

5-6

1st	Jackson Burford	St John's Grammar School	Armstrong Autonomous Moon Landing System
2nd	Chengyuan Yu	Linden Park Primary School	Home Aquaponics Monitor
3rd	Shelby Paulson	Largs Bay School	Wonda the Waste Advisor
HC	Ben Armstrong	Rose Park Primary School	The Amazing Robot
HC	Aryan Dhawan	Vale Park Primary School	Levers
HC	Hantao Huang	Linden Park Primary School	Programming Apps & Robotics by Hantao

7-8

1st	Thomas Palmer	Pedare Christian College	Tokamak Simulator
2nd	Rashmi Adiga, Ivy Shao	Glenunga International High School	Layers in The Earth and Sky
3rd	Oliver Hawkins	Concordia College	Scientific word roots
3rd	Reuben Purcell	Pembroke School	Tone Reader
HC	Muhammad Baber	Glenunga International High School	Secure Encryptable Texting Application
HC	Saheli Dissanayake	Seymour College	Plant Disease Leaf Detection Using Machine Learning



**Programming, Apps & Robotics is proudly
sponsored by the Defence, Science and
Technology Group**



Australian Government

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Science Writing

R-2

1st	Ellie Girgolas	Loreto College	Waste Not, Want Not
2nd	Aavyaan Anand	Immanuel Primary School	Bioluminescence
2nd	Edward Liu	St Andrew's School	Endangered Species
3rd	Sahishnu Mohghanthas	Coromandel Valley Primary School	Endangered Species Recovery - the Gouldian Finch
HC	Ella Wallace	Scotch College	First Nation Science
HC	Emma Zuo	St Andrew's School	Air Quality

3-4

1st	Alexander Jain	East Torrens Primary School	Developing a green future
2nd	Patrik Porter	Scotch College	Bioluminescence
3rd	Danni Wang	Pilgrim School	Air Quality
HC	Harris Cheong	St Andrew's School	Air Quality
HC	Ivan Leong	St Andrew's School	Air Quality
HC	Maryam Cedra Sawad	Wilderness School	How are the Technical Properties of Glass Changing the World?

5-6

1st	Chengyuan Yu	Linden Park Primary School	Reduce, Reuse, Recycle and Recover to Save Human Habitat
2nd	Flynn Wroniak	Vale Park Primary School	Bioluminescence
3rd	Apala Dhadook	Vale Park Primary School	First Nation Science
HC	Emily Pike	Immanuel Lutheran School Gawler	Endangered Species Recovery

7-8

1st	Shaya Ismail	Adelaide Botanic High School	Bioluminescence: A superior tool in COVID 19 vaccine and drug developer's toolkit
2nd	Reuben Purcell	Pembroke School	Developing a green future
3rd	Chloe Yaan Yuit Yew	Norwood International High School	Bioluminescence
HC	Alexis Clayton	St John's Grammar School	Bioluminescence
HC	Tehan Perera	Glenunga International High School	Bioluminescence

9-10

1st	Kahlea Sweet	Mary MacKillop College	First Nation Science
2nd	Piyush Kumar	Glenunga International High School	Shining a Light on Developmental Bioluminescence: From Safety Lamps to Nanobionic Green Energy
3rd	Nathan Aftab	Glenunga International High School	How are the technical properties of Glass changing the world.
HC	Eman Alaboody	Our Lady of the Sacred Heart College	Bioluminescence
HC	Amulya Madaan	Glenunga International High School	Bioluminescence
HC	Kavya Sharma	Cedar College	First Nation science
HC	Samuel Stone	Brighton Secondary School	Should Animals be used for Research?
HC	Athena Tran	Charles Campbell College	The Marine Bioluminescence Phenomenon of: Noctiluca Scintillans

**Science Writing is proudly sponsored by the
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2022

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Science Writing

11-12

1st	Isaiah Ajaero	Concordia College	Chimeric antigen receptor T-lymphocytes (CAR T-lymphocytes): The application of immuno-engineering in the treatment of haematological malignancies
<i>Isaiah Ajaero is also the recipient of the Australian Society for Biochemistry and Molecular Biology Prize for the most outstanding entry with a biochemistry or molecular biology theme.</i>			
2nd	Rune Chi Zhao	St Peter's Collegiate Girls' School	Polymeric Nanoparticle Drug Delivery Systems
3rd	Chomilka Hattotuwa	St Peter's Collegiate Girls' School	Cart T-Cell Therapy
HC	Annabel Lang	Concordia College	The Development of CRISPR Gene Therapy to Promote Fetal Haemoglobin Production as a Treatment for Sickle-Cell Disease
HC	Lyora Lee	Concordia College	How can CRISP-Cas9 technology affect the horticulture industry?





Scientific Inquiry

R-2

1st	Amir Chaloob	St Peter's Woodlands Grammar School	Are My Hands Really Clean?
2nd	Kerry Pan	Wilderness School	The impact of weight on how far the paper planes will fly
3rd	Walker Mills	Hawthorndene Primary School	How Fast Can I See a Light Blink?
HC	Ginevra Betti	Annesley Junior School	"Gas" What's in the trash?
HC	Hamish Buttfield	Norwood Primary School	Can different sized basketballs change your shooting position on the court?
HC	Ian Haque	Immanuel Primary School	Effect of temperature on salt solubility
HC	Audrey Hyde	Annesley Junior School	New Home for Birds?
HC	Viaan Prakash	St Peter's College	Momentum and Friction

3-4

1st	Chloe Zuo, Hanyue Li	Grange Primary School	Keeping Garden Grass Alive with the Least Amount of Water
2nd	Hadassah Zeng	St Ignatius College	What things can be home composted easily?
3rd	Fred Bendyk, Liam Rathnaweera	St Peter's College	How Cricket Balls Spin / Swing
HC	Charlotte Atkinson	Virginia Primary School	How far will germs spread on a surface?

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Scientific Inquiry

5-6

1st	Tom Nettle, Cooper Klingbiel	Cobdogla Primary School	Carp Catchers
2nd	Chloe Lambden	Walkerville Primary School	Dog Scents
3rd	Zoe Curtis	St Peter's Collegiate Girls' School	What cleaning substance is best for cleaning
HC	Arjun Betti	Norwood Primary School	Attention "Fleas!" Are we looking after our city freshwater habitats?
HC	Avin Jain	Linden Park Primary School	Soil Erosion by Avin
HC	Tiah Michailaros	Wilderness School	Bacteria: Existing Together

7-8

1st	Cristina Parletto	Walford Anglican School for Girls	Flaming Hot Pyjamas
2nd	Chloe Yaan Yuit Yew	Norwood International High School	How does Ph affect the rate of reaction of catalase breaking down from hydrogen peroxide
3rd	Mikaela Annicchiarico, Rahini Phull	Glenunga International High School	The race between organic and non-organic: which will mould the quickest?

9-10

1st	Caleb Zybek	Emmaus Christian College	Which metals dissolve the most when introduced to 2M hydrochloric acid?
2nd	Hannah Binu	Emmaus Christian College	How effective is bleach to remove certain stains?
3rd	Madison Gurney-White	Our Lady of the Sacred Heart College	Comparison of Electrolyte Concentration Within Sports Drinks
3rd	Emily Weir	Walford Anglican School for Girls	The effect of soil salinity on the growth of plants

Emily Weir is also the recipient of the Tall Poppy Award for Scientific Inquiry for a scientific inquiry project where clear and engaging communication features.



Rowe Scientific Regional Science and Engineering Awards

Awarded to the best entries in Models & Inventions and Scientific Inquiry from students in remote, regional or low SES schools.

R-2			
1st	Lenny Laver	Kangaroo Island Community Education	Will force overcome friction?
2nd	Harriette Atkinson	Virginia Primary School	Why does it rain?
3rd	Zachary Huf	North Ingle School and Preschool	Zachary's invention
4th	Makenzie Francis, Makenzie Shalay, Hannah Slade	Kangaroo Island Community Education	Rainforest vs Urbanisation
3-4			
1st	Reya Burns	Southern Vales Christian College	Remains of ancient glaciers
2nd	Charlotte Atkinson	Virginia Primary School	How far will germs spread on a surface?
3rd	Eliza Kerr, Amelie Mangos, Evie Uzzell	Banksia Park School R-6	Frog Digestive System
4th	Lincoln Coulls, Alijah Crisa, Nate Farrugia	Clarendon Primary School	The Cyclone
5-6			
1st	Ashleigh Fourie	Southern Vales Christian College	Transforming Energies
2nd	Cooper Klingbiel, Tom Nettle	Cobdogla Primary School	Carp Catchers
3rd	Tyler Place	Clarendon Primary School	Wind Turbine
4th	Evelyn Kelly, Angus Waller	Willunga Primary School	Weather Balloons- How do they work?
7-8			
1st	Baxter Howard, Ruby Lashmar, Rose McNally	Kangaroo Island Community Education	Bush Revegetation Bombs
2nd	Maymuna Abdullahi, Sharifah Amna Sofia Syed Muhammad Izzat, Hannah Tamiru	IQRA College	Earthquake-Proof Bridge
3rd	Clara Hocking	Temple Christian College	Hallucigenia and other ancient creatures of the deep
4th	Michael Cima, Fraser Hicks, Zak Langton	Murray Bridge High School	Investigation of Plant Growth
9-10			
1st	Sienna Hill	Our Lady of the Sacred Heart College	Bioplastics - The Solution to the Current Ecological Crisis
2nd	Steven Girgis	Prescott College Southern	Centrifugal Forces
3rd	Madison Gurney-White	Our Lady of the Sacred Heart College	Comparison of Electrolyte Concentration Within Sports Drinks
4th	Aitishka Singh, Deborah Williams	Mount Carmel College	Aitishka and Deborah Vision



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Rowe Scientific Pty Ltd congratulates all nominees and award recipients. May your talent continue to build upon those who have walked before you and along side you. May your scientific journey be enjoyable, purposeful and speckled with those special 'eureka' moments and perhaps even the rare prospect of a 'Nobel' event.

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2023

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details available at:

www.oliphantscienceawards.com.au

KEY DATES 2023

19 May

Student registrations close

9 June - 30 June

Multimedia, Science Writing and
Scientific Inquiry projects and
Programming, Apps & Robotics
reports submitted online

24 July - 28 July

Models & Inventions and Crystal
Investigation reports submitted
online

29 July

Programming, Apps & Robotics
Judging Day

1 August

Poster, Photography, Models &
Inventions, Games and Crystal
Investigation project delivery

4-6 August

Open Day at Science Alive!

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2022 VIRTUAL OPEN DAY

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UPCOMING KEY DATES

[SHOW ME ALL DATES](#)

OCT 21 INVITE ONLY: Presentation Ceremony

MAY 19 2023: Project Registrations Close

AUG 05 2023: Open Day at Science Alive

2022 Virtual Open Day

Our Virtual Open Day is back for 2022 - check out the release dates below!

- 15 August - Crystal Investigation
- 16 August - Games
- 17 August - Models & Inventions
- 18 August - Multimedia
- 19 August - Photography
- 20 August - Posters
- 21 August - Programming, Apps & Robotics
- 22 August - Science Writing
- 23 August - Scientific Inquiry

[READ MORE](#)

Resources for Students

Check out the resources, links and ideas we're putting together for students developing a project for the Oliphant Science Awards.

Find out some hints & tips for developing a video for Multimedia entries or how to CRUISE through the Oliphant Science Awards while creating a game!

[READ MORE](#)

Open Days at Science Alive!

Thank you to everyone who visited us at Science Alive!

Check out the [Virtual Open Day](#) to see all of this year's winning projects.

[READ MORE](#)

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