

8 – 12 SPONSOR PRIZES

Australasian Radiation Protection Society

Awarded to the most outstanding entry with a radiation protection or health physics theme.

9-10 Jady Sullivan – Gleeson College
Essay: Beyond X-rays for looking inside

The Tall Poppy Campaign

Awarded to the best primary and secondary entries with investigation and/or research.

9-10 Georgina Belder – St Peter's Collegiate Girls' School
Experiment: Solar Cells

Australian Society of Biochemistry & Molecular Biology

Awarded to the best student project with a biochemistry or molecular biology theme.

9-10 Maithili Mishra – St Peter's Collegiate Girls' School
Experiment: Investigating the Anti-bacterial Properties of Turmeric Powder

Australian Institute of Physics

Awarded to the best student project with a physics theme.

9-10 Stephen Samarzia – Marryatville High School
Models & Inventions: Solid State Tesla Coil Model

South Australian Consortium for Information Technology & Telecommunications

Awarded to the best entry using technology.

9-10 Carri Welsby – Annesley College
Photography: The Earth Moves

Carron Calculators – Texas Instruments

To encourage participation, reward highly commended entries and acknowledge judges contribution.

John Glistak and Robyn Pillans

CSIRO Education/CREST Award

Award for consistently high achievement and participation in the Experiments and Models & Inventions categories.

Best CREST School **Walford Anglican School For Girls**
Best Non-CREST School **Glenunga International High School**

VEA

Award for high achievement in categories with a visual media focus.

Wilderness School

Australian Institute of Energy Prizes 8-12

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

- 8** **Zoe Stuckings** – Wilderness School
Poster: Living with Solar Energy
- 9-10** **Georgina Belder** – St Peter's Collegiate Girls' School
Experiment: Solar Cells

Flinders University Science Prize 8-12

Awarded to the most outstanding research-based entry in science.

- 8** **Cassie Bowie** and **Lilian Fellner** – Glenunga International High School
Experiment: Ink On Skin

Flinders University – School of the Environment Prize 8-12

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

- 8** **Madeleine Lilburn** – Loreto College
Models & Inventions: A Sulphur Dioxide Pumping System

Nature Foundation SA Prizes 8-12

Awarded to the most outstanding primary and secondary entries with a nature conservation theme.

- 8** **Martina Newlands** – Glenunga International High School
Photography: Conservation in Action
- 11-12** **Victoria Perry** – Urrbrae Agricultural High School
Photography: Symbiosis

University of South Australia Prize 8-12

Awarded to the most outstanding entry from a country school.

- 9-10** **Kathryn Gilbert, Jessamy Hall** and **Dawei Lin** – Eastern Fleurieu R-12 School
Game: Build A Body

DSTO Secondary Schools Prize

8-10

First Glenunga International High School
Second St Peter's Collegiate Girls' School

11-12

First Annesley College
Second Urrbrae Agricultural High School

The Advertiser School Encouragement Award

Awarded to the best first time secondary school with high achievement and participation across a range of categories.

Emmaus Christian College

University of Adelaide – Engineering, Computer & Mathematical Sciences

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

8 **Lachlan Smith** – Emmaus Christian College
Photography: Aerodynamics

University of Adelaide – Faculty of Sciences

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

8 **Saumya Chanana** – St Peter's Collegiate Girls' School
Essay: Beyond X-rays for looking inside

DECS Young Scientist Awards 8-12

First **Jadyn Sullivan** – Gleeson College
First **Nina Mao** – Glenunga International High School

Second **Steven Regidor-Yanez** – Pembroke School
Second **Kelsey Lamont** – Mary Mackillop College

Third **Lachlan Smith** – Emmaus Christian College
Third **Madeleine Lilburn** – Loreto College



Government of South Australia

Department of Education and
Children's Services

8-12 SASTA OLIPHANT SCIENCE CATEGORY AWARD WINNERS

Computer Applications

8		
1st Prize	Felix Tobin	Atoms
2nd Prize	Oliver Cooper	Elements
HC	Riley Beck	Robot Remote Controlled

9 - 10

1st Prize	Steven Regidor-Yanez	Inheritance Calc
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Crystal Investigations

8		
1st Prize	Stephanie King & Brianna Maxwell	Crystal Investigations
2nd Prize	Nikki Asikas, Rachel Key & John Asikas	Crystal Investigations
3rd Prize	Josh Sandman & Felix Rattray	Crystal Investigations

11 - 12

1st Prize	Andee Martin	Crystal Investigations
2nd Prize	Lauren Manser	Crystal Investigations
3rd Prize	Jessica Garland	Crystal Investigations

Essays

8		
1st Prize	Madeleine Lilburn	Ancient DNA
2nd Prize	Saumya Chanana	Beyond X-rays for looking inside
3rd Prize	Neha Bishnoi	The quest to understand matter
HC	Rachel Black	Ancient DNA
HC	Georgia Ruehlemann	Do sports need Science?
HC	Julia Potezny	Do sports need Science?
HC	Kyle Fan	Do sports need Science?
HC	Bixiang Cheng	Do sports need Science?
HC	Lucinda Duxbury	Fluids - why are they special?
HC	Becky Munday	The quest to understand matter
HC	Fiona Luu	The quest to understand matter
HC	Madison O'Brien	The quest to understand matter
HC	Brendan Le Poidevan	The quest to understand matter
HC	Amy Davies	Beyond X-rays for looking inside

9 - 10

1st Prize	Nina Mao	Vitamins and human health
2nd Prize	Jadyn Sullivan	Beyond X-rays for looking inside
3rd Prize	Johanna Kemplay-Hill	Do sports need Science?

Experiments

8		
1st Prize	Lilian Fellner & Cassie Bowie	Ink On Skin
2nd Prize	Nehal Jain, Hero Cook & Benedick Djumadi	Elodea's Photosynthesis Rate in Polluted Water
3rd Prize	Linnea Tattersall	Green Grass

9 - 10

1st Prize	Georgina Belder	Solar Cells
2nd Prize	Ella Fairweather, Katarina Sladojevic & Chloe Perks	Yeast In Pizza Dough
3rd Prize	Maithili Mishra	Investigating the Anti-bacterial Properties of Turmeric Powder
HC	Christine Gayen & Louisa Robins	Footprints In The Sand

11 - 12

1st Prize	Kelsey Lamont	Optimum Temperature for Catalase in Plants Grown at Different Temperatures
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Games

8		
1st Prize	Edith Caruso	Yuck!
2nd Prize	Genevieve Brooks	The Amazing Science Adventure
3rd Prize	Claudia Kette & Rosie Barnett	The Great Tree of Knowledge
HC	Samantha Bedford	Memory Elements

9 - 10

1st Prize	Thomas Bradshaw	Desperation
2nd Prize	Paige Mahlburg	Science Takes Control
3rd Prize	Yitayih Gobbett	What Do You Know?

Models & Inventions

8		
1st Prize	Nicholas Blieschke	Teaching Electromagnetic Device
2nd Prize	Victoria Neale	Dog Food & Water Dispenser
3rd Prize	Jasmin Manetta, Lucy Aylward & Ellen Callisto	Smokers Lung vs. Healthy Lung
HC	Oliver Lountain & Ben D'Andrea	Catapult Physics
HC	Madeleine Lilburn	A Sulphur Dioxide Pumping System
HC	Laura Falconer & Alana Livesey	Reed Switch Motor

Models & Inventions

9 - 10

1st Prize	Lachlan Campbell	Solar Power
2nd Prize	Stephen Samarzia	Solid State Tesla Coil Model
3rd Prize	Oliver Mountain & John Swan	Swell Power Station
HC	Tameika Broderick & McKeeley Pfitzner	Human Eye
HC	Madeleine Anderson & Ashleigh Spear	Plant & Animal Cells

Multimedia

8

1st Prize	Amelia Gare, Abbey Weymouth & Zoe Steinhardt	Lemon Powered Clock
2nd Prize	Akilaash Yogaraj & James Davies	Muscles
3rd Prize	Payten Castle & Riley Kenley	Volcano
HC	Ann-Marie Lakatos, Tylah Platt & Tina Stazic	Can we live on the Moon?

9 - 10

1st Prize	Scott Kessner & James Baron	Plate Tectonics
2nd Prize	Schonn Pierre Hirst & Mitchell Ludbey	Blood Properties
3rd Prize	Chelsea Macauley, Alicia Pyper & Laura Swift	The Human Body; Systems and Organs
HC	Braydon Thorpe	Explosive Reactions
HC	Matthew Goh, Cameron Richards & Peter Robertson	Plasma vs. Gas

Photography

8

1st Prize	Lachlan Smith	Aerodynamics
2nd Prize	Shannon Watts	Successive change
3rd Prize	Lucinda Duxbury & Genevieve Brooks	Symbiosis
HC	Jarred McEvoy & Steven Heatley	Successive change
HC	Tom Paech	Symbiosis
HC	Holly Winter & Elena Wen	The Earth Moves
HC	Martina Newlands	Conservation in action

Photography

8		
HC	Lauren Fletcher & Marie Li	Aerodynamics
HC	Anna-Maria Gelasakis	The Earth Moves
HC	Marielle Intveld & Jacqueline Ling	Aerodynamics
HC	Alisha Shastri	The Earth Moves
HC	Teresa Nguyen	Different places, different soils
HC	Nicole Keldoulis & Alex Skuse-Fildes	Symbiosis

9 - 10

1st Prize	Carri Welsby	The Earth Moves
2nd Prize	Sara Roder	Different places, different soils
3rd Prize	Emma Kavanagh	Successive change
HC	Allison Gill	The Earth Moves
HC	Elena Asikas	Aerodynamics

11 - 12

1st Prize	Ali Roush	Symbiosis
2nd Prize	Victoria Perry	Symbiosis
3rd Prize	Scott Stevens	Different places, different soils

Poster

8		
1st Prize	Emily Lewis	Scientist's Work
2nd Prize	Zoe Stuckings	Living with Solar Energy
3rd Prize	Marek Wojcik	Scientist's Work
HC	Gogo Janthet	Living with Solar Energy
HC	Jordan Murphy	The Science of Safety in Modern Vehicles
HC	Alexandra Longinidis	The Science of Safety in Modern Vehicles
HC	India Nette	The Electromagnetic Spectrum
HC	Bridget Neill	Living with Solar Energy
HC	Pravini Mallawarachchi	The Electromagnetic Spectrum
HC	Jasmine Siaw	Living with Solar Energy
HC	Kira Wysoke	Living with Solar Energy

9 - 10

1st Prize	Tegan Rayner	The Electromagnetic Spectrum Poster
2nd Prize	Georgina Johnston	The Science of Safety in Modern Vehicles
3rd Prize	Claire Peake	The Electromagnetic Spectrum
HC	Tom Anear	Scientist's Work
HC	Asifa Kasmiri	Living with Solar Energy