



SCIENCE TALENT SEARCH

63

Bursary Book 2014

Food For Our Future:
Science feeding the world



Science Victoria
Science Teachers' Association of Victoria Inc.



About the Science Talent Search

The first Science Talent Search was conducted and sponsored by the Science Teachers' Association of Victoria, in 1952. The then Secretary, Mr Hugh McKnight, invited students from all secondary schools to submit a 1000 word report titled 'My Science Project'.

A special judging panel of prominent Scientists interviewed the entrants and awarded 17 bursaries, totalling £380.00 (\$760.00). There were two major bursaries of £100.00 (\$200.00) and £60.00 (\$120.00) respectively. Five intermediate bursaries of £25.00 (\$50.00) each with ten other awards, seven worth £10.00 (\$20.00) and three worth £5.00 (\$10.00).

Over the past 63 years, the Science Talent Search has undergone much change. Currently, there are ten Sections in which students can enter: Computer Programs, Games, Science Photography, Posters and Scientific Wall Charts, Working Models, Inventions, Experimental Research, Creative Writing, Video Productions and Class Experimental Research Project for primary students.

The Search is open to all students enrolled in Foundation through to Year 12 in both Government and non-Government Schools.

The Science Talent Search has three broad aims:

1. To stimulate an ongoing interest in the serious study of Sciences by:
 - a) encouraging independent self-motivated project work amongst students of science;
 - b) giving students the opportunity to communicate their achievements to a wider audience;
 - c) according recognition of effort and achievement for their scientific enterprise.
2. To promote the direct involvement of the students in the process of science and its communication.
3. To give the public at large an opportunity to see the quality of work being achieved in Science, by both primary and post primary students.

Some interesting statistics about Science Talent Search

	2009	2010	2011	2012	2013	2014
Total number of entries	2185	2114	1892	1925	1990	2012
Total number of students entered	3197	2929	2644	2667	2874	3002
Total number of class entries	16	14	11	11	15	17
Total number of bursaries awarded	573	592	554	649	584	603
Total sponsorship for bursary awards	\$43,166	\$29,184	\$30,672	\$32,512	\$32,519	\$35,602
Number of schools entered	150	142	143	144	149	158

Distribution of Student Awards by Division

	2009	2010	2011	2012	2013	2014
Lower Primary (P-3)	213	204	186	215	182	182
Primary (4-6)	456	423	392	362	407	370
Junior (7-8)	448	476	461	500	525	485
Intermediate (9-10)	133	186	162	152	136	191
Open (11-12)	8	6	10	11	17	20
Totals	1,258	1,295	1,211	1240	1267	1248

Awards included in this summary are Major, Minor and Merit. Merit Awards are not a Financial Bursary.

A more comprehensive report of this year's Science Talent Search will be published in *Lab Talk* and *Let's Find Out* - the journals of the Science Teachers' Association of Victoria Inc. If you are interested in entering next year's Science Talent Search, ask your Science Teacher for a copy of the 2015 STS Handbook (available Term 1, 2015) or go to our website: www.sciencevictoria.com.au/sts/

STS Exhibition & Presentation Day Program

- The Agora Theatre and the Agora Cinema are located in the Agora Complex
- Eastern Lecture Theatre is located in the vicinity of the Agora Complex
- The Odeon is in Union Hall
- Signs will indicate directions to Ceremony Venues and information will also be given at the Opening Ceremony.

Monday 27 October 2014

8.30am to 10.00am ONLY Registration in the foyer of Union Hall

9.30am Exhibition open to invited guests, press and public in the Union Hall

10.00am – 10.30am Official Opening of the Exhibition and Presentation of School Awards

Union Hall

Pro Vice-Chancellor Professor Graham Schaffer

School of Science, Health and Engineering, La Trobe University

11.15am – 12.15pm Presentation of Lower Primary and Primary Awards (Foundation to Year 6)

Agora Cinema

Sections: Picture Story Books Creative Writing, Video Productions (DVD)

Presenter: Dr Christine Redman, The University of Melbourne

Agora Theatre

Sections: Experimental Research, Inventions, Models, Science Photography

Presenter: Dr Sheena McGowan, Monash University

Eastern Lecture Theatre

Section: Class Experimental Research Projects

Presenter: Ms Joanne Ernest, La Trobe University

The Odeon

Sections: Games, Computer Programs, Posters - Scientific Wallcharts

Presenter: Ms Alicia Greenhill, La Trobe University

12.30pm – 1.30pm Presentation of Junior, Intermediate and Open Awards (Years 7 to 12)

Agora Cinema

Sections: Inventions, Working Models, Games

Presenter: Dr Clint Steele, Swinburne University of Technology

Agora Theatre

Sections: Experimental Research, Computer Programs

Presenter: Dr Michael Emmerling, La Trobe University

Eastern Lecture Theatre

Sections: Science Photography, Video Productions (DVD)

Presenter: Ms Joanne Earnest, La Trobe University

The Odeon

Sections: Creative Writing, Posters - Scientific Wallcharts

Presenter: Professor Carl Schiesser, The University of Melbourne, Bio21 Institute

The Presentation of Awards will be completed by 1.30pm.

The above Presenters have volunteered to be part of the Science Talent Search Exhibition and Presentation Day and contribute to the success of this day. The Students, Teachers and the Science Talent Search Committee would like to acknowledge their commitment and involvement in science education.

Please note: The Presenters listed were correct at the time of publication. Changes may be necessary due to unforeseen circumstances.

Bursary book sponsored by

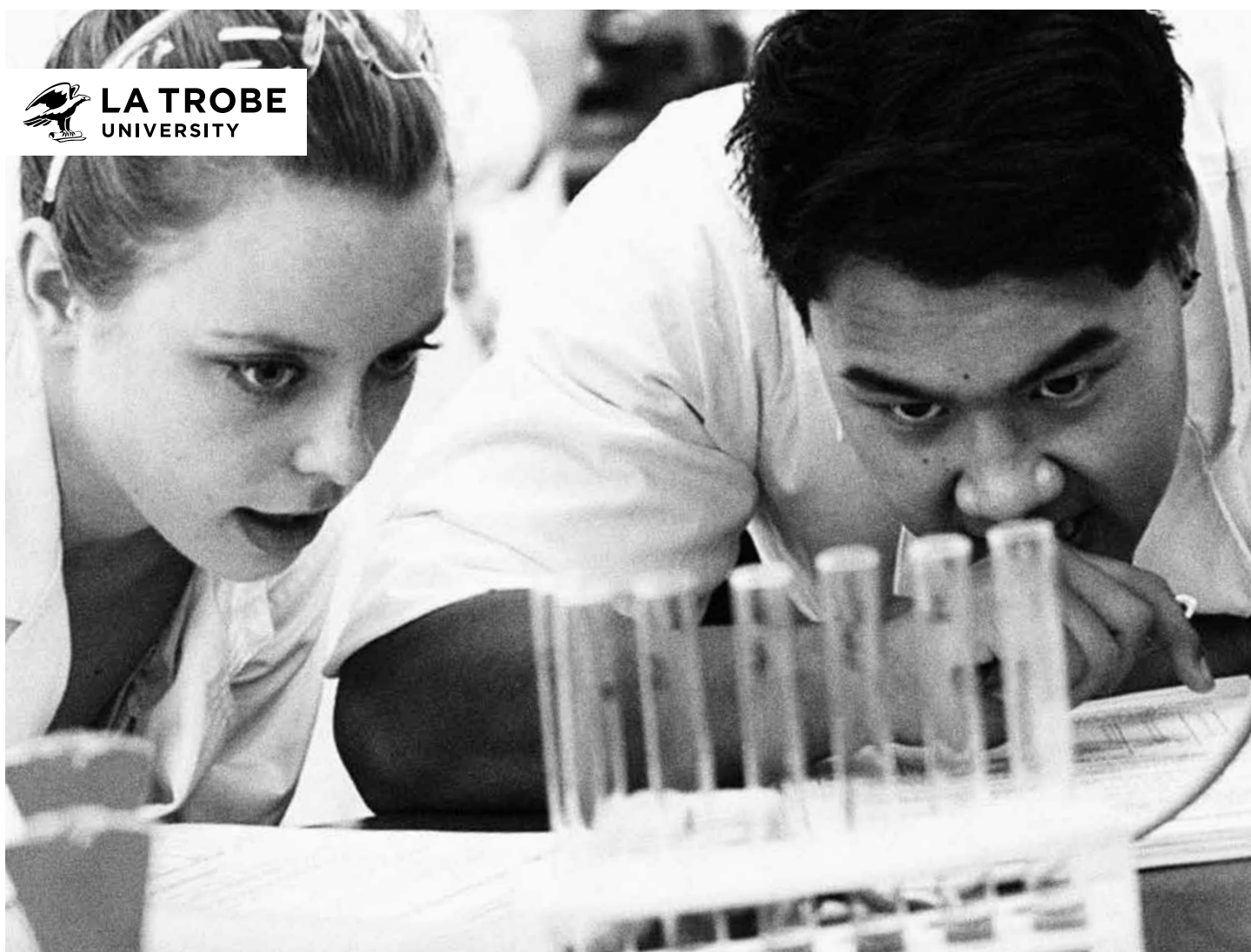
The BHP Billiton Science and Engineering Awards are a partnership between BHP Billiton, the world's largest diversified resources company, CSIRO, Australia's premier scientific research organisation and the Australian Science Teachers Association (ASTA).

The Awards are also supported by Intel Corporation, the world's largest semiconductor manufacturer.





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La Trobe University congratulates all young scientists who are participating in the 2014 Science Talent Search.

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Contents

About the Science Talent Search	inside front cover
In Appreciation	4
School Awards	4
Agora Cinema: 11.15am – 12.15pm	5
Picture Story Books (Creative Writing) – Lower Primary	5
Video Productions – Lower Primary	5
Picture Story Books (Creative Writing) – Primary	6-7
Video Productions – Primary	7
Agora Theatre: 11.15am – 12.15pm	8
Experimental Research – Lower Primary	8
Inventions – Lower Primary	8
Working Models – Lower Primary	8-9
Science Photography – Lower Primary	9
Experimental Research – Primary	9-10
Inventions – Primary	10
Working Models – Primary	11
Science Photography – Primary	12
Eastern Lecture Theatre: 11.15am – 12.15pm	13
Class Experimental Research Project – Lower Primary	13
Class Experimental Research Project – Primary	13-14
The Odeon: 11.15am – 12.15pm	15
Games – Lower Primary	15
Computer Programs – Lower Primary	15
Posters-Scientific Wallcharts – Lower Primary	15-16
Games – Primary	16-17
Computer Programs – Primary	17
Posters-Scientific Wallcharts – Primary	17-18
Agora Cinema: 12.30pm – 1.30pm	19
Inventions – Junior	19
Working Models – Junior	19-20
Games – Junior	20-21
Inventions – Intermediate	21
Working Models – Intermediate	21-22
Games – Intermediate	22
Inventions – Open	22
Working Models – Open	22
Games – Open	22
Agora Theatre: 12.30pm – 1.30pm	23
Experimental Research – Junior	23-25
Computer Programs – Junior	25-26
Experimental Research – Intermediate	26-27
Computer Programs – Intermediate	27
Experimental Research – Open	27-28
Computer Programs – Open	28
Eastern Lecture Theatre: 12.30pm – 1.30pm	29
Science Photography – Junior	29
Video Productions – Junior	30
Science Photography – Intermediate	30-31
Video Productions – Intermediate	31
Science Photography – Open	32
Video Productions – Open	32
The Odeon: 12.30pm – 1.30pm	32
Creative Writing – Junior	32-33
Posters-Scientific Wallcharts – Junior	33-35
Creative Writing – Intermediate	35-36
Posters-Scientific Wallcharts – Intermediate	36
STS Major Sponsors	37-46
Acknowledgements	47
STS Judges 2014	47-50
STS Co-ordinator Reports 2014	51-55
Map of La Trobe University	inside back cover

In Appreciation

The Science Teachers' Association of Victoria Inc and the Co-directors of the 63rd Science Talent Search are grateful to the organisations who have given generous support to this year's competition, to the STS Committee for their enthusiastic and positive approach and to Brad Richards, together with the staff of La Trobe University, for their co-operation and organisation of the Science Talent Search Exhibition and Presentation Day at La Trobe University.

We would also like to extend our appreciation to Methodist Ladies' College, Wesley College and Parade College for the use of their facilities and assistance during the judging of Posters, Photography, Videos, Research, Games, Computer Programs, Models, Inventions and Class Experimental Research Projects.

In particular we also thank Anne-Marie Williams (Methodist Ladies' College), Grant Eyles (Wesley College) and Edison Shamoail (Parade College) for their work and support co-ordinating operations at the judging venues.

Finally a special thanks to all the teachers who volunteered to judge the many projects received. The judges are listed at the back of this Bursary Book.

The STS Committee

The STS Co-directors extend their thanks and appreciation to the STS Committee members who worked diligently throughout the year to ensure the competition ran smoothly. Committee members are listed on page 47.

STAV Business Centre

The STS Committee would like to express its appreciation to the STAV Business Centre for their cooperation, understanding and assistance with the organisation of STS throughout the year. They have all given time willingly and have maintained their support for STS.

A very special thank you

David Trotter has once again worked tirelessly on the STS databases. David's expertise, persistence and unwavering support for STS is greatly appreciated.

STS Awards

STS School Awards

Solway Primary School

Sponsored by The BHP Billiton Science and Engineering Awards, managed by CSIRO

Scotch College Junior

Sponsored by The BHP Billiton Science and Engineering Awards, managed by CSIRO

Box Hill High School

Sponsored by The BHP Billiton Science and Engineering Awards, managed by CSIRO

Methodist Ladies' College - Senior

Sponsored by The BHP Billiton Science and Engineering Awards, managed by CSIRO

The Hugh McKnight Encouragement Awards

Serpell Primary School

Sponsored by The BHP Billiton Science and Engineering Awards, managed by CSIRO

Camberwell Grammar School - Primary

Sponsored by The BHP Billiton Science and Engineering Awards, managed by CSIRO

Cheltenham Secondary College

Sponsored by The BHP Billiton Science and Engineering Awards, managed by CSIRO

Mentone Grammar School - Middle School

Sponsored by The BHP Billiton Science and Engineering Awards, managed by CSIRO

Agora Cinema: 11.15am – 12.15pm

Picture Story Books (Creative Writing) - Lower Primary

Major Bursary - \$35

Name	School	Project Title	Sponsor
Tara Boyce	Solway Primary School	Freddy the fussy fly's food adventure	Australian Society for Biochemistry & Molecular Biology
Liam Wakefield	Glendal Primary School	You eat what?!	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Charlie Brownell	Scotch College (Junior)	You eat what?!	Australian Skeptics
Hugo McNamara	Firbank Grammar School - Sandringham House	You eat what?! Insects are food	The Royal Society of Victoria Inc
Stamos Kalogerakis	Doncaster Gardens Primary School	The search for hunter boy	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Aryanna Thakkar	Essendon North Primary School	Everyone is a farmer	Vaisala Pty Ltd
Masato Mizumoto	Essendon North Primary School	You eat what?!	Quantum Victoria

Picture Story Books (Creative Writing) - Lower Primary

Minor Bursary - \$25

Name	School	Project Title	Sponsor
Mannix Vincenzino	Heathdale Christian College - Primary	Everyone is a farmer	Victoria University
Elizabeth Phan	Glendal Primary School	Eating our way to the future	Australian Skeptics
Michaela Chee & Elle Ktenas	Sacre Coeur - Primary	Everyone is a farmer - plants are very important	Biology Teachers' Network
Matthew Gibbons	Tucker Road Primary - Bentleigh	Protein helps me grow and repair	The Walter and Eliza Hall Institute of Medical Research
Anita Ella Birchall	Serpell Primary School	Everyone is a farmer	Dr Joy Bear
Owen Lam	Essendon North Primary School	Everyone is a farmer	Dr Joy Bear
Genevieve Waingold	Rosanna Golf Links Primary School	Who would believe that the humble bumble bee is disappearing?	Victorian Apiarists' Association Inc
Bonnie Wade	Glen Katherine Primary School	You eat what?!	Australian Skeptics

Video Productions - Lower Primary

Major Bursary - \$40

Name	School	Project Title	Sponsor
Anastasia Scarpaci	Firbank Grammar School - Sandringham House	Enough food in the sea?	Vaisala Pty Ltd

Video Productions - Lower Primary

Minor Bursary - \$30

Name	School	Project Title	Sponsor
Emily Bennetts & Leah Curnow	Solway Primary School	Pizza - food of the future	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Kai O'Neill	Caulfield Grammar School - Malvern Campus	Growing vegetables	Australian Skeptics
Casper Tabain	Caulfield Grammar School - Malvern Campus	Happy food	The Royal Society of Victoria Inc
Sophia Mirenda-Allen & Marianna Mossonidis	Lowther Hall Anglican Grammar School	Universe	Victoria University

Agora Cinema: 11.15am – 12.15pm

Picture Story Books (Creative Writing) - Primary

Major Bursary - \$45

Name	School	Project Title	Sponsor
Emily Leaumont	Doncaster Gardens Primary School	You eat what?!	Australian Society for Biochemistry & Molecular Biology
Mason Doxey & Matthew Thomas	Rainbow Primary School	Who would have thought that....	Australian Skeptics
Trevor Leggo & Max McKenzie	Rainbow Primary School	Who would have thought that....	The Royal Society of Victoria Inc
Bronte Eckermann & Ericka Harberger-Fischer	Rainbow Primary School	Who would have thought that....	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Aleen Dhaliwal & Emily Kha	Fintona Girls School (Primary)	Wilbert the worm meets agronomy	Australian Society For Biochemistry & Molecular Biology
Maigan Hounslow & Nina Maddocks	Eltham East Primary School	The seed	Biology Teachers' Network
Olivia Wingjan	Eltham East Primary School	You eat what?!	Biology Teachers' Network
Bliss Purver	Eltham East Primary School	Who would have thought that....	Australian Skeptics
Hui Jenn Thoo	Serpell Primary School	Journey to the food-ture	The Royal Society of Victoria Inc
Celeste Gotsis	Serpell Primary School	Eating our way to the future	The Walter and Eliza Hall Institute of Medical Research
Elisha Cox	Serpell Primary School	Meatless Monday	Australian Skeptics
Ashwini Somasundram	Serpell Primary School	Who would have thought that...	The Royal Society of Victoria Inc

Picture Story Books (Creative Writing) - Primary

Minor Bursary - \$30

Name	School	Project Title	Sponsor
Flynn Mackay	Auburn South Primary School	Food attack!	Australian Skeptics
Mia Barrett	Clifton Hill Primary School	Who would have thought that....	Australian Institute of Physics - Victorian Branch
Mila Webb	Clifton Hill Primary School	You eat what?!	Australian Skeptics
Rimini Fitzgerald & Annabelle Roberts	Wesley College - St Kilda Road Primary	AB	The Walter and Eliza Hall Institute of Medical Research
Natasha Looi	Lab Rats Science Club Primary	Who would have thought that...	Minerals Council of Australia (Victorian Division)
Will Browning	Trinity Grammar School - Junior	Fabuliscious food for everyone	Yakult Australia Pty Ltd
Lucas Doxey & Xavier Oakley	Rainbow Primary School	Who would have thought that....	Quantum Victoria
Jordan Leach & Nicholas Roll	Rainbow Primary School	Who would have thought that....	The Walter and Eliza Hall Institute of Medical Research
Chelsea Lowe & Tess Robinson	Rainbow Primary School	Who would have thought that....	Australian Skeptics
Erin Preston & Pedralyn Wright	Rainbow Primary School	Who would have thought that....	The Royal Society of Victoria Inc
Sebastian Kruger & Brandon Morrison	Rainbow Primary School	Who would have thought that....	Noel Schleiger - Memorial Awards
Bailey Clark Murphy Leach	Rainbow Primary School	Who would have thought that....	Noel Schleiger - Memorial Awards
Rayna Salian	Heathdale Christian College - Primary	Everyone is a farmer	Victoria University
Sandra Lee & Hannah Smit	Fintona Girls School (Primary)	GMO comes alive	The Walter and Eliza Hall Institute of Medical Research
Lani Mc Kernan Emma Puglia	Fintona Girls School (Primary)	GMO OMG	The Walter and Eliza Hall Institute of Medical Research
Alana Dimopoulos Gabriella Mc Inerney	Fintona Girls School (Primary)	GMO The danger zone	Australian Society for Biochemistry & Molecular Biology
Zara Burk & Mia Pope	Fintona Girls School (Primary)	My Dad's an agronomist	Noel Schleiger - Memorial Awards

Agora Cinema: 11.15am – 12.15pm

Picture Story Books (Creative Writing) - Primary *(continued)*

Minor Bursary - \$30

Name	School	Project Title	Sponsor
Sophie Hasker	Firbank Grammar School - Turner House	Who would have thought that...	Australian Skeptics
Elizabeth Gordon-Saker	Firbank Grammar School - Turner House	Who would have thought that... What's crawling on the menu?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Daniela Edwards	Eltham East Primary School	The last 70 days	Dr Joy Bear
Holly Vankuyk	Eltham East Primary School	Who would have thought that...	Dr Joy Bear
Anthony Gibbons	Tucker Road Primary - Bentleigh	Carbs give me fuel to go fast	STELR Project
Kirsten Wijaya	Serpell Primary School	Who would have thought that...	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Jorja Pugh	Beaconhills College - Village (Primary)	You eat what?!	The Royal Society of Victoria Inc

Video Productions - Primary

Major Bursary - \$50

Name	School	Project Title	Sponsor
Finn Keighley	Solway Primary School	Feeding the global village	Australian Skeptics
Eva Sutton & Sophie Van Bronswijk	Caulfield Grammar School - Malvern Campus	Will we still hear the buzz?	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Video Productions - Primary

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Oscar Abe	Flemington Primary School	Bamboo - the super plant	Australian Society for Biochemistry & Molecular Biology
Sarasvati Sharma Tachibana	Serpell Primary School	Acid-Base reaction	Australian Skeptics
Joseph Davies & Nathan Xu	Wesley College - Junior Campus	Aquaponics	The Royal Society of Victoria Inc
Alex Lew & Elijah Pannozzo	Camberwell Grammar School - Primary	In vitro meat - a meaty resolution	Biology Teachers' Network

Agora Theatre: 11.15am – 12.15pm

Experimental Research - Lower Primary

Major Bursary - \$40

Name	School	Project Title	Sponsor
Joshua Knight	Heathdale Christian College - Primary	Does dehydrating fruit and vegetables in a freezer or oven preserve them better?	The Walter and Eliza Hall Institute of Medical Research
Noah Fraser	Scotch College (Junior)	How much is in my juice?	Independent Primary School Heads of Australia
Sophie Alldritt	St Leonard's College (Junior School)	Which are better for you: apples old or new?	Biology Teachers' Network

Experimental Research - Lower Primary

Minor Bursary - \$30

Name	School	Project Title	Sponsor
Ethan Mar	Auburn South Primary School	How much compost is best for growing plants?	In Memory of Eileen Goodfield & Dorothy Dalton
Mikaela Boatto	Caulfield South Primary School	Growing a seed	Noel Schleiger - Memorial Awards
Christopher O'Connell	Scotch College (Junior)	Possum poo fertiliser	The Walter and Eliza Hall Institute of Medical Research
Millie Brownless & Ciara Newman	Our Holy Redeemer School	Growing broccoli	Biology Teachers' Network
Christian Kokai	St Leonard's College (Junior School)	Organic or non-organic - what is the answer?	The Walter and Eliza Hall Institute of Medical Research
Greta Retschko	Firbank Grammar School - Turner House	Quickgrow invention	Independent Primary School Heads of Australia

Inventions - Lower Primary

Major Bursary - \$40

Name	School	Project Title	Sponsor
James Butler	Camelot Rise Primary School	Pedestrian protector	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Inventions - Lower Primary

Minor Bursary - \$30

Name	School	Project Title	Sponsor
Jet Angus	Solway Primary School	Robey Mark II, the composting greenhouse robot	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Working Models - Lower Primary

Major Bursary - \$40

Name	School	Project Title	Sponsor
Kylie Cheah	Glendal Primary School	Renewable energy	Australian Institute of Energy
Jerry Jinn	Wesley College - Junior Campus	Planterbot	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Agora Theatre: 11.15am – 12.15pm

Working Models - Lower Primary

Minor Bursary - \$30

Name	School	Project Title	Sponsor
James Graham	Auburn South Primary School	Alvin's adventures	Noel Schleiger - Memorial Awards
Alex Kudige	Creekside K - 9 College	Space elevator	The University of Melbourne - School of Physics
Charlie Moulang	Brighton Primary School	A cool eco fridge project	Swinburne University of Technology
Nichola Muser	Wesley College - Junior Campus	Farming with water	Independent Primary School Heads of Australia

Science Photography - Lower Primary

Major Bursary - \$35

Name	School	Project Title	Sponsor
Rupert Kennedy	Brighton Primary School	Chemistry in cooking	Chemistry Education Association

Science Photography - Lower Primary

Minor Bursary - \$25

Name	School	Project Title	Sponsor
Benjamin Christie	Solway Primary School	Waste not, want not	Victoria Teachers Mutual Bank

Experimental Research - Primary

Major Bursary - \$50

Name	School	Project Title	Sponsor
Aliya Gray & Oliver Horigan	Caulfield South Primary School	Do you always need soil? - growing food hydroponically	Minerals Council of Australia (Victorian Division)
Reuben Smale	Lab Rats Science Club Primary	How do different feeds affect yabby growth?	The Walter and Eliza Hall Institute of Medical Research
Seamus McIlroy	Brighton Primary School	An investigation into factors that speed up decomposition of fresh fruit and vegetables	Victoria Teachers Mutual Bank
Andrew Lim	Trinity Grammar School - Junior	Proving the Heisenberg uncertainty principle	The University of Melbourne - School of Physics
Hadyn Tang	Trinity Grammar School - Junior	Electric food	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Jeffrey Yew	Glendal Primary School	What type of rice goes mouldy first and under what conditions?	Biology Teachers' Network
Bella Crehan	Regency Park Primary School	What makes a bean climb?	Quantum Victoria
Olivia Amor & Beth Hennessy	Flemington Primary School	Water effect on plant growth	Victoria University
Vanessa Damos & Ella Koch	Carey Baptist Grammar School Donvale	Vertical farming: are you up to it?	The Royal Society of Victoria Inc
Viktoriia Mironova	Lab Rats Science Club Primary	Impact of magnetic field on plants	Australian Institute of Physics - Victorian Branch
Samuel Parmenter	Camberwell Grammar School - Primary	How long does it take for bread to go mouldy?	Independent Primary School Heads of Australia

Experimental Research - Primary

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Rylee Sack & Mayani Wise	Caulfield South Primary School	The impact manure has on food growth	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Agora Theatre: 11.15am – 12.15pm

Experimental Research - Primary *(continued)*

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Nina Boyce	Solway Primary School	Should you eat this?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Daniil Yahnov	Glendal Primary School	To determine the amount of salt mung beans can tolerate before failing to germinate	The Royal Society of Victoria Inc
Giordana Genero	St Mary's School	Does adding substances to water affect how water freezes?	Catholic Education Office (Melbourne)
Dylan Fraser	Scotch College (Junior)	Antioxidants which is the hero of your apple?	Independent Primary School Heads of Australia
Daniella Tegoni	Firbank Grammar School - Turner House	How long do hamburgers take to go mouldy?	Independent Primary School Heads of Australia
Charli Bakker	Firbank Grammar School - Turner House	Homegrown radishes	Independent Primary School Heads of Australia
Caoimhin Corcoran & Oliver Irwin	Flemington Primary School	Summer is coming	Victoria University
Louisa Lazar	Tucker Road Primary - Bentleigh	Super tasters versus non tasters	Australian Skeptics
Myah Newton & Meg Norman	Overnewton Anglican Community - Secondary	Will our changing environment affect the way foods are grown	Victoria University
Alexander Kyriakopoulos	Serpell Primary School	Do home grown tomatoes or store bought tomatoes decompose quicker?	The Royal Society of Victoria Inc
Chaquen Beliakov-Amaya	Wesley College - Junior Campus	Extracting DNA in hot water and cold water	Independent Primary School Heads of Australia
Jack Bonser	Rosanna Golf Links Primary School	Burger bacteria	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Jordana Mitzia & Lucy Richardson	Ruyton Girls' School	Dream juice	Australian Skeptics
Ashley Elford & Alice Talbot	Ruyton Girls' School	Fizzy bombs	Chemistry Education Association
Nischal Vivekananda	Camberwell Grammar School - Primary	Do seeds grow faster with chemicals or without?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Angus Oldham	Camberwell Grammar School - Primary	Extracting starch from potatoes	The Royal Society of Victoria Inc
Alexandra Thomas	Firbank Grammar School - Turner House	The recycle of life: using food scraps to increase yield	Quantum Victoria

Inventions - Primary

Major Bursary - \$50

Name	School	Project Title	Sponsor
Hugh Simpson	Lab Rats Science Club Primary	The Autofiddler	Australian Skeptics
Leon Paratz	Bialik College	Electricity generating shoes	Swinburne University of Technology

Inventions - Primary

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Monty Winkler	Clifton Hill Primary School	Look at this	Noel Schleiger - Memorial Awards
Charlotte Howell	Glen Katherine Primary School	The solar guinea pig pen	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Taylor White & Senalee Yapa Udawela	Essendon North Primary School	Awesome invention	The Royal Society of Victoria Inc
Livinia Douglass	Girton Grammar School (Junior)	Livi's knuckle stop lock	The Royal Society of Victoria Inc

Agora Theatre: 11.15am – 12.15pm

Working Models - Primary

Major Bursary - \$50

Name	School	Project Title	Sponsor
Will Eerhard & Felix Squire	Caulfield South Primary School	Window farming	STELR Project
Ashley Newnham	Great Ryrie Primary School	Bing - It's a light bulb! How does it work?	Australian Institute of Energy
Brianna Donato	Lowther Hall Anglican Grammar School	Sink holes	Noel Schleiger - Memorial Awards
Quinn Coetzee	Serpell Primary School	Biomechanics of the human catapult	Australian Skeptics
Joshua Muir	Chairo Christian School Cardinia (Primary)	Aquaponics	Australian Skeptics
Vinicius Fagundes	Bentleigh West Primary School	Fermentation	Australian Society for Biochemistry & Molecular Biology
Joel Whitcher	Beaconhills College - Village (Primary)	Energy sources of the future	Australian Institute of Energy

Working Models - Primary

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Angus Bosmans & Alex Hart	Deepdene Primary School	Water bottle filter	Chemistry Education Association
Chloe Rheinberger	Clifton Hill Primary School	All about rainbows	Melbourne Graduate School of Education at The University of Melbourne
Emily Chambers & Stephanie Padgham	Lauriston Girls School (Primary)	The environmental capture of fog	Independent Primary School Heads of Australia
Marcus Dingle & Will Hartley-Keane	Flemington Primary School	Hover board	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Adam Fowler	Tucker Road Primary - Bentleigh	Magnetic attraction	Australian Institute of Physics - Victorian Branch
Cara Moulang	Brighton Primary School	Wheel of fortunate energy	Australian Institute of Energy
Jaidev Singh	Serpell Primary School	Renewable source of energy	Australian Institute of Energy
Ethan Jayamanna	Serpell Primary School	Magnet magic	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Tamsyn Pascoe	Huntingtower School (Primary)	Rotary milking shed	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Shannon Lam & Simrin Rattan	Huntingtower School (Primary)	Ferris wheel	Independent Primary School Heads of Australia
Michael Ly & Krishmidhan Ravindrababu	Huntingtower School (Primary)	Maglev	Independent Primary School Heads of Australia
Kieren Tirikawala	Great Ryrie Primary School	Electromagnetism	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Emmanuel Yassa	Camberwell Grammar School - Primary	Growing tomatoes without soil	Swinburne University of Technology
Stephanie Koutoulas	Lowther Hall Anglican Grammar School	Antibodies	Australian Society for Biochemistry & Molecular Biology

Agora Theatre: 11.15am – 12.15pm

Science Photography - Primary

Major Bursary - \$45

Name	School	Project Title	Sponsor
AM Charuka Wijeratne	Lab Rats Science Club Primary	Seeds and seed dispersal	Field Naturalists Club of Victoria
Lasya Kondur	Glendal Primary School	Calcium in nature	The Royal Society of Victoria Inc
Kiara Jarvis	Hume Anglican Grammar School - Primary	Technology on a dairy farm	In Memory of Eileen Goodfield & Dorothy Dalton

Science Photography - Primary

Minor Bursary - \$30

Name	School	Project Title	Sponsor
Isabelle Vincenzino	Heathdale Christian College - Primary	Edible exotic mushrooms	Field Naturalists Club of Victoria
Enda Han	Glendal Primary School	Birds	Independent Primary School Heads of Australia
Kylie Choi	Glendal Primary School	Fungi	Noel Schleiger - Memorial Awards
Bo Hong Huang	Glendal Primary School	Rainbow foods for health	Vaisala Pty Ltd
Nathan Chan	Scotch College (Junior)	Food for thought	Australian Skeptics
Emily Jones	Strathcona Baptist G. G. S - Primary	How do flowers absorb water?	Field Naturalists Club of Victoria
Hayley Davis	Rosanna Golf Links Primary School	Changing leaves	Dr Joy Bear

Eastern Lecture Theatre: 11.15am – 12.15pm

Class Experimental Research Project - Lower Primary

Minor Bursary - \$150

Name	School	Project Title	Sponsor
Scotch College (Junior)		Where have all the bees gone?	Vaisala Pty Ltd
Benjamin Ang	Flynn Atkinson	Emmanuel Balot	Mitchell Begley
David Bendschneider	Charlie Brownell	Ashvin Cali	Justin Chan
Tom Farrer	Henry Heyburn	Edward Hill	Tarkan Kaya
Lachlan Li	Duc Luu	Harry Marner	Archie Motteram
Alexander Roberts	George Simmons	Ned Sutherland	Xavier Teoh
Campbell Tsocanos	Neil Wang	Nicholas Wong	
Great Ryrie Primary School		1/2N Bein' Growin' Kids	Australian Skeptics
Cameron Bailey	Vincent Bonfa	Jude Cole	Ronny Cranmer
Levi DaStolto	Jacob Henry	Matilda Magee	Lachlan McLeod
Sam McPherson	Jackson Mooney	Hayden Neil	Matilda O'Dwyer
Louise Ramos	Simran Rawat	Abbey Scotto	Lilliana Settle
Ashley Sharkey	Riah Stubbs	Amelia Sutherland	Ethaniel Tang
Nikolas Vida	Daisy Wah	Destiny Wikeepa	Maddison Wood
Ruth Zaa Thang			

Class Experimental Research Project - Primary

Major Bursary - \$300

Name	School	Project Title	Sponsor
Mentone Girls' Grammar Junior School		Fly away forces, fly away!	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Julia Budd	Bridget Dailey	Ashley Ellis	Jasmine Konoroth
Kiana Lambert	Rita Lu	Sophie MacIndoe	Natasha Mirvis
Sharon Nguyen	Elysee Nitschke	Jasmine Paul	Lana Planck
Raquel Santos	Sascha Sievers	Jessica Stewart	Natalie Stutz
Lindsay Tolan	Amy Woodcock		
Hume Anglican Grammar School - Primary		Alternative energy	Victoria University
Caitlin Angelino	Noah Barone	Rohin Bhatia	D'arcy Bourke
Siena Castricum	Jade Curcic	Harvir Dhillon	Bianca Grobler
Dulina Gunaratne	Jai Herbert	Max Hobbs	Anyanka Ibarra
John Ismail	Thomas Johnson	Joan Lavetala	Alana Mason
Amneet Nannar	Tanatswa Nyandowe	Jaskaran Pannu	Vaidehi Patel
Mitchell Prillwitz	Gihansa Samarawickrema	Saul Sheperd	Kavin Suraweera-Arachchi
Kimly Ta	Mietta Vella	Shelby Young	

Class Experimental Research Project - Primary

Minor Bursary - \$200

Name	School	Project Title	Sponsor
Mentone Girls' Grammar Junior School		Bird beak adaptations	Independent Primary School Heads of Australia
Alessia Berthelemy	Emma Borroni	Georgia Clements	Zoe Cole
Krista Cornwell	Amelie Dart-Fagan	Emily Flanagan	Ashleigh Hoang
Rachael Hood	Leeanne Kaplan	Natasha Lai	Jade Louloudakis
Alex McLeod-Schmidt	Chloe O'Connor	Shanelle Perera	Shyama Siva
Teah Vassiliadis	Ella Wearne		
Lyndale Greens Primary School		Preserving food	Vaisala Pty Ltd
Zainab Al Hmedawi	Muhamad Al Zaidy	Enes Arifi	Chelce'i Brennan
Michelle Bui My Gia	Mina Carganilla	Hammad Hammad	Tutanekai Hawira
Kody Holmes	Hilary In	Jerald Jimmy Anchani	Swarup Kartha
Victor Manysophoan	Sam Maxwell	Marjina Namdar	Lasitha Perera
Rhonda Radford	William Sin	Ethan Taylor	Taalilena Tei Ona
Nalane Tun	Chetan Vemuri	Elina Vo	Moin Vohra

Eastern Lecture Theatre: 11.15am – 12.15pm

Class Experimental Research Project - Primary *(continued)*

Minor Bursary - \$200

Name	School	Project Title	Sponsor
Hume Anglican Grammar School - Primary		Exploring insulation	Catholic Education Office (Melbourne)
Karan Bais	Nelie Bogoda	Chadi Bouantoun	Siddharth Chawla
Catherine Cletus	Janelle Eng	Amraj Gill	Caitlin Haynes
Neha Jones	Louise Kassis	Cooper Long	Quinn Lovli
Mary Macharia	Anthony Mandozzi	Callum Marsh	Paul McConnell
Lynds Melvin	Amanda Robson	Snehaa Sathish Kumar	Christina Shaji
Abhiraj Singh	Steenaa Sonson	Joseph Thuruthel	Alwin Vettiyadan
Harrison Walker	Rachel Zoiti		

The Odeon: 11.15am – 12.15pm

Games - Lower Primary

Major Bursary - \$35

Name	School	Project Title	Sponsor
Charlie Eerhard & Iliya Zolotarev	Caulfield South Primary School	Sharing food with the world	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Eboni Crawford	Tucker Road Primary - Bentleigh	The sustain game	Melbourne Graduate School of Education at The University of Melbourne

Games - Lower Primary

Minor Bursary - \$25

Name	School	Project Title	Sponsor
Lea Leeton	Solway Primary School	Super food race	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Audrey Liuk	Glendal Primary School	Human body	Biology Teachers' Network
Siena Fodera & Katrina Wong	Sacre Coeur - Primary	The superfoods game	Independent Primary School Heads of Australia
Sinead Carson & Rhiana Wormington	Sacre Coeur - Primary	The superfoods challenge	Independent Primary School Heads of Australia

Computer Programs - Lower Primary

Minor Bursary - \$30

Name	School	Project Title	Sponsor
Quentin Marchiori	Wesley College - St Kilda Road Primary	Simon	Australian Skeptics
Noa Marchiori	Wesley College - St Kilda Road Primary	Where are the bees?	Victorian Apiarists' Association Inc

Posters-Scientific Wallcharts - Lower Primary

Major Bursary - \$35

Name	School	Project Title	Sponsor
Beau Duder & Lachlan Paterson	Eltham East Primary School	Farming our backyard - compost	Biology Teachers' Network
Max Bodon	Scotch College (Junior)	Insects are food	Independent Primary School Heads of Australia
Christian Heng	Scotch College (Junior)	Insects are food	Independent Primary School Heads of Australia
Elly Krinelos	Tucker Road Primary - Bentleigh	Where have all the bees gone?	Victorian Apiarists' Association Inc
Anastasia Zaytseva	Tucker Road Primary - Bentleigh	Insects are food	Noel Schleiger - Memorial Awards
Jasmine Kinghorn	Serpell Primary School	Insects are food	Australian Skeptics
Owen Williams Polley	Camelot Rise Primary School	Where have all the bees gone?	Dr Joy Bear
Michelle Butler	Camelot Rise Primary School	Fantastic farming in our garden	Dr Joy Bear
Aaliyah Abubakar	Wooranna Park Primary School	Farming our backyard	Victoria Teachers Mutual Bank

The Odeon: 11.15am – 12.15pm

Posters-Scientific Wallcharts - Lower Primary *(continued)*

Minor Bursary - \$25

Name	School	Project Title	Sponsor
Skye Sriratana	Glendal Primary School	Where have all the bees gone?	Entomological Society of Victoria Inc
Katrina Tran	Glendal Primary School	Insects are food	Entomological Society of Victoria Inc
Jack Kocolis	Caulfield Grammar School - Malvern Campus	Where have all the bees gone?	Ken Greatorex
Joshua Hui	Roberts McCubbin Primary School	Where have all the bees gone?	Ken Greatorex
Adara Reddy & Jolene Zheng	Firbank Grammar School - Sandringham House	There is more food in the sea. The importance of krill	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Katarina-Olivia Ciconte	Firbank Grammar School - Turner House	Bugs on the menu	Noel Schleiger - Memorial Awards
Neil Doshi	Scotch College (Junior)	There is more food in the sea.	Independent Primary School Heads of Australia
Finlay Hughes	Great Ryrie Primary School	Where have all the bees gone?	Noel Schleiger - Memorial Awards
Tiffany Nguyen	Lowther Hall Anglican Grammar School	Farming your backyard	Biology Teachers' Network
Yusef Soboh	Serpell Primary School	Where have all the bees gone?	Australian Skeptics
Laurie Leong	Wesley College - Junior Campus	Farming our backyard	Independent Primary School Heads of Australia
Vas Sfinas	Wesley College - Junior Campus	Where have all the bees gone?	Australian Skeptics
Anika Deshmukh	Tucker Road Primary - Bentleigh	Science feeding the world	In Memory of Eileen Goodfield & Dorothy Dalton
Rebecca Paratz	Bialik College	Environmentally sustainable ocean life	Independent Primary School Heads of Australia

Games - Primary

Major Bursary - \$45

Name	School	Project Title	Sponsor
Alice Brown & Caitlin Storm	Clifton Hill Primary School	The clean green eco machine	Swinburne University of Technology
Danielle Cook & Miquette van Dam	Heathdale Christian College - Primary	Australian factamania	Victoria University
Arush Dhiman	Heathdale Christian College - Primary	Captain RRRubishina	Victoria University
Emily Muniratna & Jacqueline Xavier	Fintona Girls School (Primary)	Tsuivival	Australian Skeptics
Georgia Georgarakis & Mietta Morris	Fintona Girls School (Primary)	The dry spell	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Dasheille Reid & Sophia Zavros	Fintona Girls School (Primary)	Tri-Quake	Noel Schleiger - Memorial Awards

Games - Primary

Minor Bursary - \$30

Name	School	Project Title	Sponsor
Liana Kelemen & Kveta Scout Squire	Caulfield South Primary School	Survive in the hive	Victorian Apiarists' Association Inc
Ethan Chong	Caulfield South Primary School	Futuristic food	Australian Society for Biochemistry & Molecular Biology
Millie Wallace	Solway Primary School	Take the stairs	The BHP Billiton Science and Engineering Awards, managed by CSIRO

The Odeon: 11.15am – 12.15pm

Games - Primary *(continued)*

Minor Bursary - \$30

Name	School	Project Title	Sponsor
Jemott Mohan	Glendal Primary School	Pollution busters	Victoria Teachers Mutual Bank
Sara Ding & Georgia Truong	Fintona Girls School (Primary)	Land on the run	Independent Primary School Heads of Australia
Jade Bianco & Olivia Daly	Fintona Girls School (Primary)	Fire devils	Independent Primary School Heads of Australia
Chloe Bridgeman & Siena O'Neil	Fintona Girls School (Primary)	Avalanche nightmare	Dr Joy Bear
Jonathan Ciccone	Overnewton Anglican Community - Secondary	Just eat it!	Minerals Council of Australia (Victorian Division)
James Fisk	Serpell Primary School	Food for our future	Biology Teachers' Network
Clarice Wong	Serpell Primary School	I am hungry	Yakult Australia Pty Ltd
Jamie Lam & Logan Ratnarajah	Camelot Rise Primary School	Evolution chain	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Computer Programs - Primary

Major Bursary - \$50

Name	School	Project Title	Sponsor
Raphael Hennessy	Clifton Hill Primary School	Chemoblue	Chemistry Education Association

Computer Programs - Primary

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Matthew Fotheringham	Wesley College - Junior Campus	Be the best bee you can be	Biology Teachers' Network
Colbey Alderson	Rosanna Golf Links Primary School	Natural disasters quiz	The Royal Society of Victoria Inc

Posters-Scientific Wallcharts - Primary

Major Bursary - \$45

Name	School	Project Title	Sponsor
Hayden McElholum & Josh Salmon	Solway Primary School	Bees be gone	Victorian Apiarists' Association Inc
Joshua Jinu	Heathdale Christian College - Primary	Insects are food	Noel Schleiger - Memorial Awards
Tiffany Fan	Heathdale Christian College - Primary	Farming our backyard	Melbourne Graduate School of Education at The University of Melbourne
Eyyern Lim	Glendal Primary School	Insects are food	Vaisala Pty Ltd
Haresh Loganathan	Glendal Primary School	Insects are food	Vaisala Pty Ltd
Natalie Coman	Firbank Grammar School - Sandringham House	Incredible insects - food for the future?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Aneirin Galloway McLean	Firbank Grammar School - Sandringham House	Insects are food.	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Aidan Lazarus	Serpell Primary School	Insects: food of the future!	The Royal Society of Victoria Inc
Konrad Reich	Serpell Primary School	Farming our backyard	Australian Skeptics
Lily Matousis	Serpell Primary School	Where have all the bees gone?	The BHP Billiton Science and Engineering Awards, managed by CSIRO

The Odeon: 11.15am – 12.15pm

Posters-Scientific Wallcharts - Primary *(continued)*

Minor Bursary - \$30

Name	School	Project Title	Sponsor
Aristea Andrianopoulos & Miette Rolfe	Clifton Hill Primary School	Insects are food	Noel Schleiger - Memorial Awards
Claudia Gerbic & Samara Spiegel	Caulfield South Primary School	Edible insects	Field Naturalists Club Of Victoria
Noah Goodwin & Tamar Incoll	Heathdale Christian College - Primary	Farming our backyard	Vaisala Pty Ltd
Himaya Fernando	Glendal Primary School	Insects are food	Field Naturalists Club Of Victoria
Letitia Hedding & Elena McLay	Our Holy Redeemer School	Farming our backyard	Catholic Education Office (Melbourne)
Alexandra Cameron & Siobhan Durkin	Our Holy Redeemer School	Where have all the bees gone?	Catholic Education Office (Melbourne)
Isabel Guszlovan	Eltham East Primary School	Where have all the bees gone?	Noel Schleiger - Memorial Awards
Chloe Bailey & Sarah Wakley	Eltham East Primary School	Farming our backyard	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Mitchell Maclaren	Flemington Primary School	Food sustainability	STELR Project
Kate Vickers	Carey Baptist Grammar School Donvale	Farming our backyard	Minerals Council of Australia (Victorian Division)
Michael Catley	Carey Baptist Grammar School Donvale	Insects are food	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Sherman Tseng	Carey Baptist Grammar School Donvale	Where have all the bees gone?	Independent Primary School Heads of Australia
Lily Barnes	Carey Baptist Grammar School Donvale	Farming our backyard	Australian Skeptics
Jamie Holmes	Carey Baptist Grammar School Donvale	Where have all the bees gone?	Independent Primary School Heads of Australia
Anton Cepulo	Carey Baptist Grammar School Donvale	Insects are food	Noel Schleiger - Memorial Awards
Sam Koranias	Serpell Primary School	Insects are food	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Alexander Zervas	Serpell Primary School	Where have all the bees gone?	Victorian Apiarists' Association Inc
Helena Bassett	Serpell Primary School	Farming our backyard	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Alex Carlton-Doney	Macedon Grammar School	Insects are food	Biology Teachers' Network
Isaac Hui	Camberwell Grammar School - Primary	Insects are food	Victoria Teachers Mutual Bank

Agora Cinema: 12.30pm – 1.30pm

Inventions - Junior

Major Bursary - \$60

Name	School	Project Title	Sponsor
Isaac Cheng	St Andrews Christian College - Secondary	The ballistic water box	The University of Melbourne - School of Physics
Maddy Coenen & Heidi Woolf	Methodist Ladies' College Senior School	Portable wheelchair ramp	Australian Institute of Physics - Victorian Branch
Christian Zubcic	St Kevin's College - Secondary	Passive infra-red motion sensor enabling the blind to see (PIRMSEBS)	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Inventions - Junior

Minor Bursary - \$45

Name	School	Project Title	Sponsor
Elyshia Thomson	Methodist Ladies' College Senior School	LED safety slippers	Australian Institute of Physics - Victorian Branch
Lawrence Pawar	Haileybury - Newlands Campus	Multipurpose child safety device	Australian Skeptics

Working Models - Junior

Major Bursary - \$60

Name	School	Project Title	Sponsor
Angeline Ooi	Lab Rats Science Club Secondary	IGarden	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Arshi Mohammed	Tintern Schools - Secondary	Water desalination	Quantum Victoria
Kahlil Tawil	Mount Ridley College - Secondary	Excavator model	Dr Joy Bear
Liam Cullinan & Christian Dinh-Vu	St Kevin's College - Secondary	Aquaponics system for home	Catholic Education Office (Melbourne)
Matthew Griggs	St Kevin's College - Secondary	Aquaponics	Catholic Education Office (Melbourne)
Julian Viglietti	St Kevin's College - Secondary	Roof top gardens	Australian Skeptics
Jasmine Inglis & Sophie Robbins	St Leonard's College Brighton - Secondary	Our town: reducing the carbon footprint for a supermarket	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Working Models - Junior

Minor Bursary - \$45

Name	School	Project Title	Sponsor
Kathryn Lawrence	Methodist Ladies' College Senior School	Subsurface irrigation system	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Amber Anetta & Rosemary Sun	Methodist Ladies' College Senior School	Raising and lowering the arm	The BHP Billiton Science and Engineering Awards, managed by CSIRO
James Laven	Lilydale High School	Hydroponics	The Royal Society of Victoria Inc
Viktor Prypoten	Box Hill High School	Rooftop garden	The Royal Society of Victoria Inc
Dylan Dent	Lilydale High School	Xray fluorescence	Australian Institute of Physics - Victorian Branch
Tom Liszukiewicz	St Kevin's College - Secondary	An indepth analysis of the human tongue	Catholic Education Office (Melbourne)
Leonardo Grossi & Hugh Pentland	St Kevin's College - Secondary	Aquaponics system	The Royal Society of Victoria Inc
Thomas Pavlekovich-Smith	St Kevin's College - Secondary	A better black box flight recorder	Victoria Teachers Mutual Bank

Agora Cinema: 12.30pm – 1.30pm

Working Models - Junior *(continued)*

Minor Bursary - \$45

Name	School	Project Title	Sponsor
James McBurnie	St Kevin's College - Secondary	Hydro home garden	Biology Teachers' Network
Edward Hanrahan	St Kevin's College - Secondary	Aquaponics	Australian Skeptics
Christopher Antill & Samuel Cohen	St Kevin's College - Secondary	The farm building	Australian Skeptics
Rishi Madiraju	Haileybury - Newlands Campus	Solar energy	Australian Institute of Energy
Drew Bircham & Sean Johnstone	The Grange P-12 College Secondary Campus	Electric circuit	The University of Melbourne - School of Physics

Games - Junior

Major Bursary - \$50

Name	School	Project Title	Sponsor
Grace Boxer	Methodist Ladies' College Senior School	Feed the village	Australian Skeptics
Charlie Officer & Harry Terry	Mentone Grammar School (Middle)	Feeding the world	The Royal Society of Victoria Inc
Laura Rikard-Bell & Tessa Van Veenendaal	St Leonard's College Brighton - Secondary	Crop to the top	Noel Schleiger - Memorial Awards
Elena Caffrey	Brunswick Secondary College	Elemental	Chemistry Education Association
Benjamin Freeman	Brunswick Secondary College	Digest it!	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Thomas Johnstone	Brunswick Secondary College	Capture planet	Australian Institute of Energy
Aaron Petsios	Brunswick Secondary College	Pollution mania	Swinburne University of Technology
Amy Newell & Tess Oakley	Sunbury Downs Secondary College	Oakwell	Australian Skeptics
Piper Besley & Venus Yu	Fintona Girls School (Senior Secondary)	The apiarist	The Victorian Apiarists' Association Inc

Games - Junior

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Nieve Powell & Olive Sferrazza	Methodist Ladies' College Senior School	The sustainability game	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Sam Patterson	Cheltenham Secondary College	Feed the future	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Claire Stewart	Cheltenham Secondary College	Big appetite	Australian Skeptics
Celine Barmbagiannis & Sophie Com	Cheltenham Secondary College	Save the beez	Victorian Apiarists' Association Inc
Ruby Timms	Mentone Grammar School (Middle)	The hunger game!	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Caitlin Baxter	Mentone Grammar School (Middle)	Bee quest	Australian Skeptics
Leah Woodford	Box Hill High School	Feeding the world	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Domonic Apolloni	St Kevin's College - Secondary	Vitamania	Chemistry Education Association
James Heathcote	Brunswick Secondary College	Lonely planet	Victoria Teachers Mutual Bank
Mia Lantieri-Bartley	Brunswick Secondary College	Brainology	Vaisala Pty Ltd
William Mott	Brunswick Secondary College	The key to power	Australian Institute of Energy

Agora Cinema: 12.30pm – 1.30pm

Games - Junior *(continued)*

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Alice Tai	Brunswick Secondary College	Technology battle	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Priyasith Jayaweera	Brunswick Secondary College	Brunswick stars	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Nivedha Seevanayagam & Ellen Stevenson	Fintona Girls School (Senior Secondary)	Space adventures	Australian Institute of Physics - Victorian Branch
Hayley Nguyen & Madeleine Roushdy	Fintona Girls School (Senior Secondary)	Dani's digestive system	Victoria Teachers Mutual Bank
Reuben McGann	Thornbury High School	Plague	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Madeleine Kelly	Balcombe Grammar School - Secondary	Catch of the day	The Royal Society of Victoria Inc

Inventions - Intermediate

Major Bursary - \$70

Name	School	Project Title	Sponsor
Dhruv Verma	Scotch College (Senior)	Protego	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Conroy Cheers	John Monash Science School	Vehicle air pollution control: improving air quality in the car and on the road	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Inventions - Intermediate

Minor Bursary - \$50

Name	School	Project Title	Sponsor
Jadyn D'Mello & Sarath Joseph	Mazenod College	Aether	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Chris Kouvelis	Nazareth College	H.H.O	Australian Skeptics

Working Models - Intermediate

Major Bursary - \$70

Name	School	Project Title	Sponsor
David Stark	Gleneagles Secondary College	Building and programming a robot to solve a rubik's cube	STELR Project
Angshu Madge	St Josephs College Mildura	The principles of 3-dimensional scanning	The University of Melbourne - School of Physics
Cecilia Magdaline Rafanan	Caroline Chisholm Catholic College	The biology of ice cream	Catholic Education Office (Melbourne)

Working Models - Intermediate

Minor Bursary - \$50

Name	School	Project Title	Sponsor
Nicholas Gramatakos	Mazenod College	Perpetual motion	Catholic Education Office (Melbourne)
Sonali Aggarwal	Presbyterian Ladies' College - Senior	Speaker	The University of Melbourne - School of Physics
Samuel Kent & Nikolas Papadakis	Yarra Valley Grammar School	Turbine jet engine	Swinburne University of Technology

Agora Cinema: 12.30pm – 1.30pm

Working Models - Intermediate *(continued)*

Minor Bursary - \$50

Name	School	Project Title	Sponsor
Luke Messina & Simon Rebellato	Parade College	Musical pipes: making pipes interesting	Swinburne University of Technology
Luke Gennaccaro Rony Roy	Parade College	What it takes to hover	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Rebecca Castle & James Lockwood	St Paul's Grammar School Warragul	The heart at work	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Games - Intermediate

Major Bursary - \$60

Name	School	Project Title	Sponsor
Sean Boettger	Home School Hauer	Immunity	Australian Society for Biochemistry & Molecular Biology

Games - Intermediate

Minor Bursary - \$40

Name	School	Project Title	Sponsor
Renee Lo	Presbyterian Ladies College - Senior	Food for our future: Science feeding our world	Australian Society for Biochemistry & Molecular Biology
Afreen Mohammed Emily Roe	Presbyterian Ladies College - Senior	Survival skirmish	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Inventions - Open

Major Bursary - \$100

Name	School	Project Title	Sponsor
Somya Mehra	Balwyn High School	Integrating technologies for the production of bioethanol and bioelectricity	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Inventions - Open

Minor Bursary - \$70

Name	School	Project Title	Sponsor
Daniila Duplyakin	Suzanne Cory High School	Humidity condenser	The Royal Society of Victoria Inc

Working Models - Open

Major Bursary - \$80

Name	School	Project Title	Sponsor
Thomas Wu Sam Xie	Geelong Grammar School - Secondary	Automatic solar chaser	Victoria University

Games - Open

Major Bursary - \$70

Name	School	Project Title	Sponsor
Yousif Al-Mashat & Danish Bassi	Suzanne Cory High School	Calorie burn-out	Biology Teachers' Network

Agora Theatre: 12.30pm – 1.30pm

Experimental Research - Junior

Major Bursary - \$60

Name	School	Project Title	Sponsor
Kate Morrison	Methodist Ladies' College Senior School	To conform or not to conform - a study of peer pressure	The Walter and Eliza Hall Institute of Medical Research
Tiana Litchfield	Methodist Ladies' College Senior School	Music to our ears - what makes a chord sound good?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Mia Schlicht	Genazzano FCJ College	A soft drink eggsperiment	Chemistry Education Association
Callum Wigg	Camberwell High School	The effect of electrical stimulation on plant growth	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Tyrone Packiaraja	Hume Anglican Grammar School Secondary	Salt or Sprite? An investigation on effective prevention of discolouration of sliced fruit and vegetables	Victoria University
Anita Mandarino	Avila College	Which substances preserve food most effectively?	Catholic Education Office (Melbourne)
Niamh Holmes	Avila College	What solution helps apples stay fresh	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Samantha Cunningham	Doncaster Secondary College	Does temperature affect the pH of water?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Kate Moruzi	Doncaster Secondary College	Electrolytes tell the truth about sports drinks	Chemistry Education Association
Greta Torelli	Balwyn High School	Factors that affect heart rate	The Royal Society of Victoria Inc
Alana Kirn	East Doncaster Secondary College	Microwave radiation	Australian Institute of Energy
Jackson Silvey	St Kevin's College - Secondary	Food for our future	Catholic Education Office (Melbourne)
Krystal Ha & Carmen Lim	Strathcona Baptist GGS - Secondary	A wider perspective on peripheral vision	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Eloise Bryce	Strathcona Baptist GGS - Secondary	Which home made surface spray kills the most bacteria	The Royal Society of Victoria Inc
Jessica Humphrey	Strathcona Baptist GGS - Secondary	Reducing water evaporation from open storage containers	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Isabella Thom	Strathcona Baptist GGS - Secondary	How do different playing surfaces impact the average student's joints?	Biology Teachers' Network
Stephanie Hayes	Strathcona Baptist GGS - Secondary	The effect of grey water on the growth of snow peas and pH levels of soil	Vaisala Pty Ltd
Bianca D'Anna	Strathcona Baptist GGS - Secondary	The effect of wood species on heat output and burning time	Chemistry Education Association
Esther Hamilton	Fintona Girls School (Senior Secondary)	Does butter bake better?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Xenia Zubenko	Fintona Girls School (Senior Secondary)	Are wood-wind players full of wind?	The Royal Society of Victoria Inc
Freya Solnordal	Fintona Girls School (Senior Secondary)	Heart rate halo	The Walter and Eliza Hall Institute of Medical Research

Agora Theatre: 12.30pm – 1.30pm

Experimental Research - Junior

Minor Bursary - \$45

Name	School	Project Title	Sponsor
Tola Beavis	Methodist Ladies' College Senior School	Perfect meringues - not!	Chemistry Education Association
Charlotte Green	Methodist Ladies' College Senior School	The effect of different conditions on ripening of bananas	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Ben Inskip	Lab Rats Science Club Secondary	How weather and seasonal changes affect the output of a domestic solar panel system	Vaisala Pty Ltd
Sabina Aitken	Kingswood College - Secondary	Can detergents kill plants?	The Royal Society of Victoria Inc
Conor Murray	Mentone Grammar School (Middle)	Salinity tolerance of wheatgrass	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Kim Thien Ton Nu	Genazzano FCJ College	The melting rate of ice when in contact with different substances.	Chemistry Education Association
Hannah McLaren	Genazzano FCJ College	Bouncing basketballs at different temperatures.	Victoria Teachers Mutual Bank
Olivia O'Toole	Genazzano FCJ College	The best substance to grow grass with	Australian Skeptics
Tara Durkin	Genazzano FCJ College (Middle)	Smashing eggs	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Akita Reji	Hume Anglican Grammar School - Secondary	Changing the bounce	Australian Skeptics
Emmy Drew	Mount Waverley S C (Junior School)	Comparison of antioxidant levels in tea and coffee	Chemistry Education Association
Joshua Griffiths-Hunt	Mount Waverley S C (Junior School)	What determines the bendiness of wood	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Eleanor Lau & Kate Taylor	Box Hill High School	Evaluating the sugar content of soft drinks	The Royal Society of Victoria Inc
Isabella Marotta	Avila College	The expiry of milk	Victoria Teachers Mutual Bank
Jessica Satya Graha	Avila College	Best packaging for oranges	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Joshua Collins	St Kevin's College - Secondary	Mould, bread and the conditions for growth	The Royal Society of Victoria Inc
Anton Surace-Mifsud	St Kevin's College - Secondary	Comparing the food preferences, factors affecting food selectivity and the nutritional ecology of people with and without autism	The Walter and Eliza Hall Institute of Medical Research
Andrew Willett	St Kevin's College - Secondary	How packaging and slogans affect healthy purchases	Catholic Education Office (Melbourne)
Simon Cosgrave	St Kevin's College - Secondary	Reducing the intensity of labour in growing, cooking and composting vegetables	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Imogen Spendlove	Balwyn High School	Factors that affect heart rate	The Walter and Eliza Hall Institute of Medical Research
Luke Rabinov	St Leonard's College Brighton - Secondary	Salt salinity: a big problem	Australian Skeptics
Isabelle Barwick	St Leonard's College Brighton - Secondary	Water levels affecting the growth of plants	Yakult Australia Pty Ltd
Stephanie Ratcliffe	Doncaster Secondary College	Is an insulin pump as effective as a pancreas?	The Walter and Eliza Hall Institute of Medical Research
Zoe Makris	Doncaster Secondary College	Microwave radiation and its impacts on plant growth	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Fiona Luo	Mentone Girls' Grammar Secondary School	Growing crystals	Chemistry Education Association

Agora Theatre: 12.30pm – 1.30pm

Experimental Research - Junior *(continued)*

Minor Bursary - \$45

Name	School	Project Title	Sponsor
Madeline Daws & Lydia Ting	Our Lady of Sion College	Fertilizers	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Clare Terry	Strathcona Baptist GGS - Secondary	How much really needs to go to landfill?	Victoria Teachers Mutual Bank
Madeline Crowe	Strathcona Baptist GGS - Secondary	The influence of four different nightly activities on the amount of deep sleep	The Royal Society of Victoria Inc
Lauren Newman	Strathcona Baptist GGS - Secondary	The effect of physical activity on your mind	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Madeline Phillips	Strathcona Baptist GGS - Secondary	Do different surfaces change how high a basketball bounces?	Australian Skeptics
Zoe Walsh	Strathcona Baptist GGS - Secondary	Which environment makes steel corrode?	Quantum Victoria
Charles Strong	Scotch College (Senior)	The effects of food	Yakult Australia Pty Ltd
Robert Milligan	East Doncaster Secondary College	Protein, glucose & fat in insects & other creepy-crawlies.	Noel Schleiger - Memorial Awards
Sarah Bryson	Strathcona Baptist GGS - Secondary	Vitamin C levels in different orange juices	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Gagana Premawardena	Lyndale Secondary College	Does temperature affect the bounce of tennis balls	The Royal Society of Victoria Inc
Nicci Marie Dimatos & Grace Senior	Strathcona Baptist GGS - Secondary	The influence of heat on the bounce height of tennis balls	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Louiza Bakas & Lea Skliris	Fintona Girls School (Senior Secondary)	Rise of the cakes	Australian Society for Biochemistry & Molecular Biology
Nikkita Chandnani	Fintona Girls School (Senior Secondary)	See no evil - red eyes	The Royal Society of Victoria Inc
Georgina Lord & Sameena Pavri-Thomas	Fintona Girls School (Senior Secondary)	Marshmellow mania	Australian Skeptics
Chethani Atapattu & Miranda Croci	Fintona Girls School (Senior Secondary)	Hop to it	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Pip Steer	The Hamilton and Alexandra College - Senior	Amount of basketball shots that go in the ring	Victoria University
Baden Coxsedg	Princes Hill Secondary College	Does copper prevent snails from eating plant seedlings?	Australian Skeptics
Elena Goss	Home School Petridis	Investigation of the rate of solubility of alka-seltzer tablets	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Computer Programs - Junior

Major Bursary - \$60

Name	School	Project Title	Sponsor
Michael Zhao	Box Hill High School	Mobile calorie tracker	Australian Institute of Energy
Sebastian Hagemeyer	Cheltenham Secondary College	Where have all the bees gone?	Biology Teachers' Network
Nicholas Miceli	Box Hill High School	The immune system - food poisoning	Yakult Australia Pty Ltd
Ryan Mudford & Jonah Rosario	Chairo Christian School Cardinia (Secondary)	Elemental adventure	Chemistry Education Association

Agora Theatre: 12.30pm – 1.30pm

Computer Programs - Junior

Minor Bursary - \$45

Name	School	Project Title	Sponsor
Huw Davies & Jonathan Zheng	Carey Baptist Grammar School (Secondary)	Not so unsinkable	Australian Institute of Physics - Victorian Branch
Zoe Sorenson	Box Hill High School	Tooth decay	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Clancy Walters	Thornbury High School	Science quiz	Australian Skeptics

Experimental Research - Intermediate

Major Bursary - \$70

Name	School	Project Title	Sponsor
Zoe Askitis & Angela Yan	Ruyton Girls' School	The wonders of feet	Swinburne University of Technology
Sophie He & Freya Masters	Ruyton Girls' School	The strength of different types of tiles	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Neha Salahuddin	Mount Waverley SC (Junior School)	Effects of Vitamin B12 and caffeine on plant growth	Australian Society for Biochemistry & Molecular Biology
Vishrut Pande	Mount Waverley SC (Junior School)	Determining the most effective natural preservative	Australian Society for Biochemistry & Molecular Biology
Bronte Robinson	Loreto Mandeville Hall - Secondary	Does the appearance of food affect the desirability (whether we like them or not) and taste?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Olivia Ganci	Loreto Mandeville Hall - Secondary	Ants	Australian Skeptics
Emily Liang	Loreto Mandeville Hall - Secondary	Can humans fly like birds?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Eleanor Forwood	Strathcona Baptist GGS - Secondary	High school students' bags and their health impacts	The Royal Society of Victoria Inc
Nina Miletic & Eliot Whitecross	Loreto Mandeville Hall - Secondary- Secondary	What is the best way to avoid flies?	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Experimental Research - Intermediate

Minor Bursary - \$50

Name	School	Project Title	Sponsor
Chloe Anderson	Lilydale High School	How different liquids affect the growth of plants	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Amelia Grossi	Loreto Mandeville Hall - Secondary	A musical enquiry: visual learning vs auditory learning	The Walter and Eliza Hall Institute of Medical Research
Talia Braue	Loreto Mandeville Hall - Secondary	Salinity in the bay	Australian Skeptics
Alanah Peverelle & Clare Stacey	Loreto Mandeville Hall - Secondary	Which treat is best?	Australian Society for Biochemistry & Molecular Biology
Meghna Aggarwal & Mansi Aggarwal	Sacred Heart Girls College	How external stimuli can affect your body	The Walter and Eliza Hall Institute of Medical Research
Emma Tadday	McClelland College	Northern Pacific Sea Star	Biology Teachers' Network
Chelsea Oliver	McClelland College	Northern Pacific Sea Star	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Kirsty Lord	Whittlesea Secondary College	Facial recognition	Australian Skeptics
Callum Holmes & Srisai Suraj Hari	Parade College	Recycling of excess household foods	Yakult Australia Pty Ltd

Agora Theatre: 12.30pm – 1.30pm

Experimental Research - Intermediate *(continued)*

Minor Bursary - \$50

Name	School	Project Title	Sponsor
Alyssa Anderson	Mentone Girls' Grammar Secondary School	Does whitening toothpaste actually differ from normal toothpaste?	Melbourne Graduate School of Education at The University of Melbourne
Felicity Chen & Delina Pham	Ruyton Girls' School	Effect of pH of soil on flowers	Chemistry Education Association
Caitlin Caselli & Lara Wirth	Ruyton Girls' School	Speed of defrosting on different surfaces	The Walter and Eliza Hall Institute of Medical Research
Charlotte Higgins	Loreto Mandeville Hall - Secondary	Which snack is best?	The Walter and Eliza Hall Institute of Medical Research
Grace Huang & Millicent Madsen	Loreto Mandeville Hall - Secondary	Which brand of toothpaste reduces the most amounts of bacteria	Australian Society for Biochemistry & Molecular Biology
Angeline Gonzales	Loreto Mandeville Hall - Secondary	Demonstrating the stroop effect	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Laura Powell & Irene Xu	Ruyton Girls' School	Preserving apples	Australian Society for Biochemistry & Molecular Biology
Annabelle McPhail & Rachel Papantuono	Ruyton Girls' School	Plas-tastic	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Sarah Cheang & Ashleigh Tascone	Ruyton Girls' School	My morning coffee	The Walter and Eliza Hall Institute of Medical Research

Computer Programs - Intermediate

Major Bursary - \$70

Name	School	Project Title	Sponsor
Blake Anderson	Western Heights Secondary College - Vines Rd	Journey through the heart	Victoria University

Computer Programs - Intermediate

Minor Bursary - \$50

Name	School	Project Title	Sponsor
Peamawat Muenjohn	Cheltenham Secondary College	Walden	Melbourne Graduate School of Education at The University of Melbourne
Lachlan Anderson	Camberwell Grammar School - Senior School	Lachlan's extravaganza	Ken Greateorex
Bill Chen	Camberwell Grammar School - Senior School	The Kulz	Quantum Victoria

Experimental Research - Open

Major Bursary - \$100

Name	School	Project Title	Sponsor
Gabriella Lynch	Methodist Ladies' College Senior School	Analysing the molecular structure of the mineral system, the magnesium sulphate undecahydrate, Meridianiite, by observing the effect that decreasing the temperature from approximately 224K to 150K has on the separation of the lattice planes of the compound using powdered X-ray diffraction patterns	The Walter and Eliza Hall Institute of Medical Research
Florence Ho	Methodist Ladies' College Senior School	The effect of nutrient starvation and salt stress on the antibiotic tolerance of Escherichia coli	The Walter and Eliza Hall Institute of Medical Research

Agora Theatre: 12.30pm – 1.30pm

Experimental Research - Open *(continued)*

Major Bursary - \$100

Name	School	Project Title	Sponsor
Christy Zheng	Methodist Ladies' College Senior School	The effect of extracellular potassium and sodium ion concentration on cell apoptosis in <i>Saccharomyces cerevisiae</i> after exposure to ultraviolet-B radiation, with regard to carcinogenesis	The Walter and Eliza Hall Institute of Medical Research
Alex Leye	Wesley College - Senior Campus	How can the effectiveness of the two decaffeination methods, 1-propanol solvent extraction and adsorption onto activated carbon, be quantitatively compared from a mass perspective as measured with a UV - Vis spectrophotometer?	The Walter and Eliza Hall Institute of Medical Research

Experimental Research - Open

Minor Bursary - \$70

Name	School	Project Title	Sponsor
Sophie Lim	Methodist Ladies' College Senior School	Investigation of the effect of mass and length on the frequency of tuning forks	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Tilda Thomson	Methodist Ladies' College Senior School	Investigating the efficiency of calorimeter design	The Walter and Eliza Hall Institute of Medical Research
Angie Hu	Methodist Ladies' College Senior School	Investigating the efficiency of calorimeter design	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Nick Turner	Heathdale Christian College - Secondary	The correlative effect of nitrogen fixation on protein content in legumes	The Walter and Eliza Hall Institute of Medical Research
Natalie Alessi	Manor Lakes P-12 College	Aerobic respiration in yeast	The Walter and Eliza Hall Institute of Medical Research

Computer Programs - Open

Major Bursary - \$80

Name	School	Project Title	Sponsor
Patrick Shaw	East Doncaster Secondary College	MYSCI	Swinburne University of Technology

Eastern Lecture Theatre: 12.30pm – 1.30pm

Science Photography - Junior

Major Bursary - \$50

Name	School	Project Title	Sponsor
Lilly Taylor	Methodist Ladies' College Senior School	Surface tension	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Kate Woolley	Methodist Ladies' College Senior School	Strawberry decay	Melbourne Graduate School of Education at The University of Melbourne
Dylan Tomlinson	Mentone Grammar School (Middle)	Photosynthesis in trees	Victoria Teachers Mutual Bank
Yufei Huang	Hume Anglican Grammar School - Secondary	Properties of light	The University of Melbourne - School of Physics
Lucy Ollerenshaw	Camberwell Girls' Grammar School	The distinguished darning damselfly	Entomological Society of Victoria Inc
Catherine Chen & Brinda Salasan	Kingswood College - Secondary	The perplexing colour purple	The University of Melbourne - School of Physics
Grace Baldwin	Shelford Girls Grammar (Secondary)	Bananas decomposing	Biology Teachers' Network
Megan Langner	Chairo Christian School Cardinia (Secondary)	Rust	The Royal Society of Victoria Inc

Science Photography - Junior

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Tessa Barrington	Methodist Ladies' College Senior School	Human emotions	Australian Skeptics
Priyanka Dayabhai	Methodist Ladies' College Senior School	The science of sweetness	Yakult Australia Pty Ltd
Jonah Phillips	Lilydale High School	Bees and the honey system	Victoria Teachers Mutual Bank
Grace Phillips	Mentone Grammar School (Middle)	Erosion by the ocean	Minerals Council of Australia (Victorian Division)
Bronte Reark	Mentone Grammar School (Middle)	Beach erosion	Quantum Victoria
Isabella Daddo	Mentone Grammar School (Middle)	Chocolate toxicity in dogs	Australian Society for Biochemistry & Molecular Biology
Zoe Guymer	Essex Heights Primary School	Organic foods are healthy	Vaisala Pty Ltd
Fatima Ayub	Our Lady of Mercy College	Crystal photography	Catholic Education Office (Melbourne)
Allie McLennan	Shelford Girls Grammar (Secondary)	Pulleys	Australian Institute of Physics - Victorian Branch
Olivia Kulesza	Shelford Girls Grammar (Secondary)	Differential pressure	The University of Melbourne - School of Physics
Dolores Mifsud	Box Hill High School	Photosynthesis	Biology Teachers' Network
Cara Biviano	Methodist Ladies' College Senior School	Can bananas affect the ripening of tomatoes?	Gene Technology Access Centre
Ayda Akbal	St Leonard's College Brighton - Secondary	Food for the future: hybridized vegetables	Gene Technology Access Centre
Ashleigh Strauss	Haileybury - Newlands Campus	Wetland birds	Field Naturalists Club Of Victoria
Tom Van Cooten	Kew High School	Candle shadows	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Amanda Hu & Sophie Shi	Fintona Girls School (Senior Secondary)	Autumn leaves	Victoria Teachers Mutual Bank
Daniel Arch	East Doncaster Secondary College	Superfoods in sports science	Quantum Victoria
Seb Staite	Princes Hill Secondary College	Samphire	Australian Skeptics

Eastern Lecture Theatre: 12.30pm – 1.30pm

Video Productions - Junior

Major Bursary - \$60

Name	School	Project Title	Sponsor
Lachlan Milburn	Mentone Grammar School (Middle)	Aerodynamics	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Emily Bresnehan & Megan Siedle	Mentone Grammar School (Middle)	Cool experiments using food	The Walter and Eliza Hall Institute of Medical Research
Ali Al-Khaffaf & Brendan Wang	Parade College - Preston	How wind mills help provide energy and help feeding the world	Victoria Teachers Mutual Bank
Liam Murray	St Leonard's College Brighton - Secondary	Vegan versus omnivore, which one uses more?	The Walter and Eliza Hall Institute of Medical Research
Josh Godden & Zach Mackay	St Leonard's College Brighton - Secondary	Sugar levels in soft drinks	Noel Schleiger - Memorial Awards

Video Productions - Junior

Minor Bursary - \$45

Name	School	Project Title	Sponsor
Tarn Smith	Mentone Grammar School (Middle)	Marine pests	The Walter and Eliza Hall Institute of Medical Research
Ben Pertich & Ethan Staggs	Mentone Grammar School (Middle)	On cloud nine	Australian Skeptics
Thomas Dyer & Max McCulloch	Mentone Grammar School (Middle)	Turning a liquid into a solid	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Alexandra Siedle & Peronel Taylor	Mentone Grammar School (Middle)	Layering liquids!	Victoria Teachers Mutual Bank
Emmalia Blake	Box Hill High School	Fish news	Australian Skeptics
Luka Dickson & Harry Richards	Box Hill High School	3D printed food	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Tess Burger & Anna McConville	Shelford Girls Grammar (Secondary)	Bath bombs	The Royal Society of Victoria Inc
Jack McArdle & Jordan Stepanovski	Parade College - Preston	Food decomposition into plant fertiliser	The Walter and Eliza Hall Institute of Medical Research
Hamish Cameron	Box Hill High School	The role of science in food security	Australian Skeptics
William Penfold	St Kevin's College - Secondary	Can bugs feed the world	Noel Schleiger - Memorial Awards
Max Di Cintio	St Kevin's College - Secondary	Feed the world	Catholic Education Office (Melbourne)
Joey Fung May Quach	Mentone Girls' Grammar Secondary School	Future food	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Science Photography - Intermediate

Major Bursary - \$60

Name	School	Project Title	Sponsor
Ellie Searle	Lilydale High School	Egg	Ken Greatorex
Siobhan Chan	Presbyterian Ladies College - Senior	The process of leaves changing colour	Biology Teachers' Network
Angela Hu	Presbyterian Ladies College - Senior	The anatomy of a water splash	Australian Institute of Physics - Victorian Branch
Alexander Hodge	Wesley College - St Kilda Road Senior	The world in colour	Australian Institute of Physics - Victorian Branch
Luna Wan	Presbyterian Ladies College - Senior	Dancing light	The University of Melbourne - School of Physics

Eastern Lecture Theatre: 12.30pm – 1.30pm

Science Photography - Intermediate

Minor Bursary - \$40

Name	School	Project Title	Sponsor
Ashlyn Withers	Lilydale High School	Hand rearing a rainbow lorikeet	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Brianna Johnson	Lilydale High School	Sparrows	The Royal Society of Victoria Inc
Alanna Owen	Kilvington Grammar School - Senior	Light rays	Swinburne University of Technology
Laura Burgoine	Kilvington Grammar School - Senior	Growth of plants	Dr Joy Bear
Sarah Hedger	Kilvington Grammar School - Senior	Flight of birds	The Royal Society of Victoria Inc
Rehanna Nuredin & Lejla Ramic	Dandenong High School	Photography	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Rohan Munnolimath	Kilvington Grammar School - Senior	Bubbles	Quantum Victoria
Sam Barnes	Kilvington Grammar School - Senior	Erosion	Minerals Council of Australia (Victorian Division)
Raza Bhuteja	Kilvington Grammar School - Senior	Genetic inheritance	Gene Technology Access Centre
Vanessa Makropoulos	Santa Maria College	Water and air pollution	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Video Productions - Intermediate

Major Bursary - \$70

Name	School	Project Title	Sponsor
Erin Ronge & Sara Teh	Presbyterian Ladies College - Senior	Your guide to genetically modified food	The Walter and Eliza Hall Institute of Medical Research
Ashleigh Hem	Presbyterian Ladies College - Senior	Science of colour	The Royal Society of Victoria Inc
Liz Chiem & Angeline Chin	Mount Waverley SC (Junior School)	Bubbles	Australian Skeptics
Ruby Cuthbertson & Amy Lin	Santa Maria College	Us against the war	Victoria University
Chelsea Huynh	Santa Maria College	Food for the future	Victoria University

Video Productions - Intermediate

Minor Bursary - \$50

Name	School	Project Title	Sponsor
Tess Douglas	Presbyterian Ladies College - Senior	The periodic table	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Selma Beslagic & Sandra Lyczba	Dandenong High School	Does what we drink affect our teeth?	The Royal Society of Victoria Inc
Aleisha Rintoule	Goroke P-12 College	Horse	Victoria University
Pheobe Allen & Abby Walter	Goroke P-12 College	Lolliology	Victoria University
Cody Cardwell & Kate Richardson	Goroke P-12 College	The differences	Victoria University
Sean Boettger	Home School Hauer	Werewolves	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Eastern Lecture Theatre: 12.30pm – 1.30pm

Science Photography - Open

Minor Bursary - \$50

Name	School	Project Title	Sponsor
Daniel Song	Geelong Grammar School - Secondary	Underwater world	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Video Productions - Open

Major Bursary - \$85

Name	School	Project Title	Sponsor
Grace Creati	Geelong Grammar School - Secondary	All new meaning to spiderman	Australian Skeptics

The Odeon: 12.30pm – 1.30pm

Creative Writing - Junior

Major Bursary - \$50

Name	School	Project Title	Sponsor
Meagan Artlett & Sarah Crockett	Methodist Ladies' College Senior School	Genetically modified organisms incorporated	The Walter and Eliza Hall Institute of Medical Research
Caitlin Bryan	Methodist Ladies' College Senior School	Detective bee and the great bee mystery	Victorian Apiarists' Association Inc
Yaoying Lin & Jasmine Stokie	Methodist Ladies' College Senior School	It's a bee's burden	Gene Technology Access Centre
Susan Alex & Giulia Archer	Methodist Ladies' College Senior School	We need to eat more...	The Royal Society of Victoria Inc
Trisha Choi & Angelique Panagiotou	East Doncaster Secondary College	After surgery	The Walter and Eliza Hall Institute of Medical Research

Creative Writing - Junior

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Margaret Chambers	Kingswood College - Secondary	It's the bee's burden	Australian Society for Biochemistry & Molecular Biology
Serena Xian	Methodist Ladies' College Senior School	GM. Solution to extinction or survival?	The Walter and Eliza Hall Institute of Medical Research
Nathan Simcock	Lilydale High School	Eat simply or simply eat	Noel Schleiger - Memorial Awards
Kirsten Hughes	Lilydale High School	It's the bee's burden	Noel Schleiger - Memorial Awards
Imogen Schwarz	Mentone Grammar School (Middle)	The bee's burden	Quantum Victoria
Madeleine Sloane	Sacred Heart Girls College	It's the bees burden	Catholic Education Office (Melbourne)
Sean Chisholm	Tintern Schools - Secondary	GM. Solution to extinction or survival?	The Walter and Eliza Hall Institute of Medical Research
James Melhem	Parade College	We need to eat more...	Noel Schleiger - Memorial Awards
Daniel Mezzalira	Parade College	It's the bees burden	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Alyssa Davies	Shelford Girls Grammar (Secondary)	It's a bees burden	Vaisala Pty Ltd
Leah Nathan	Gleneagles Secondary College	It's the bee's burden	The Royal Society of Victoria Inc

The Odeon: 12.30pm – 1.30pm

Creative Writing - Junior *(continued)*

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Elanor Ewin	Shelford Girls Grammar (Secondary)	Bees burden	Yakult Australia Pty Ltd
Joanne Sim	Doncaster Secondary College	The extinction of humans	Yakult Australia Pty Ltd
Laura Joordens	East Doncaster Secondary College	We need to eat more antioxidants	Australian Society for Biochemistry & Molecular Biology
Madeline Jordan	Firbank Grammar School	GM. The solution to survival or extinction	The Walter and Eliza Hall Institute of Medical Research
Lois Melvin	Firbank Grammar School	A lesson learned	Catholic Education Office (Melbourne)
Jemma Robinson	Firbank Grammar School	Diary entry	STELR Project
Mackenzie Miller	Firbank Grammar School	Genetically modifying my farm	Victoria Teachers Mutual Bank
Alani Sharp	Firbank Grammar School	Journal entry	Victoria Teachers Mutual Bank
Trinity Duffield-Pugsley	Firbank Grammar School	It's the bees burden	Australian Skeptics
Jie-Lie Chen Mc Intyre	Firbank Grammar School	GM. Solution for extinction or survival?	Australian Society for Biochemistry & Molecular Biology
Emily Stevenson	Overnewton Anglican Community - Secondary	It's the bees burden	Victoria University
Maya Rizkyvianti	Baden Powell College - Tarneit Secondary	It's the bee's burden	Victoria University
Anthony Manliguez	Lyndale Secondary College	Solution to extinction or survival?	Minerals Council of Australia (Victorian Division)
Phoebe Oliver	Lyndale Secondary College	It's the bees burden	Victoria Teachers Mutual Bank
Noah Grant	Thornbury High School	Letters of science	Australian Skeptics
Abraham Nasre	Princes Hill Secondary College	It's the bee's burden	The Royal Society of Victoria Inc

Posters-Scientific Wallcharts - Junior

Major Bursary - \$50

Name	School	Project Title	Sponsor
Ruby Gioulekas	Methodist Ladies' College Senior School	Feeding the future with technology	Quantum Victoria
Isabella Tuttle	Methodist Ladies' College Senior School	Superfoods	Biology Teachers' Network
Mertcan Damoglu	Cheltenham Secondary College	Genetically modified food	Gene Technology Access Centre
Andrew Harrison	Cheltenham Secondary College	Where have all the bees gone?	Noel Schleiger - Memorial Awards
Monique Grech & Madeleine Russo	Sacre Coeur - Secondary	Superfoods	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Tara Fitzgerald & Isabella Kourdoulos	Sacre Coeur - Secondary	Superfoods	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Cleopatra Kopanidis	Shelford Girls Grammar (Secondary)	Where have all the bees gone?	Australian Skeptics
Imogene Perlen	Shelford Girls Grammar (Secondary)	The ionising ozone machine	Vaisala Pty Ltd
Thomas Gilbert	St Kevin's College - Secondary	The science behind superfoods	Catholic Education Office (Melbourne)
Emma Denver & Amelia Stramotas	Sacre Coeur - Secondary	What are superfoods?	Catholic Education Office (Melbourne)
Aracelli Tessini	Nazareth College	Superfoods	The Royal Society of Victoria Inc
Bailey Eyears	St Leonard's College Brighton - Secondary	Feeding the future with technology: lactose-free milk	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Cleo Taliadoros	Firbank Grammar School	Feeding the future with technology - GM food	Yakult Australia Pty Ltd
Maddie Whitehead	Firbank Grammar School	Where have all the bees gone?	Yakult Australia Pty Ltd

The Odeon: 12.30pm – 1.30pm

Posters-Scientific Wallcharts - Junior

Major Bursary - \$50

Name	School	Project Title	Sponsor
Meg Pithie	Firbank Grammar School	Where have all the bees gone?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Sophie Ellen	Sacred Heart College - Kyneton	Where have all the bees gone?	Catholic Education Office (Melbourne)
Larshieegah Senthilmohan	Haileybury - Newlands Campus	Superfoods	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Sharlene Tengra	East Doncaster Secondary College	Supremacy of superfoods	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Posters-Scientific Wallcharts - Junior

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Esther Glaspole	Methodist Ladies' College Senior School	Where have all the bees gone?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Marsalis Lam	Cheltenham Secondary College	Superfoods	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Laura Globan	Cheltenham Secondary College	Where have all the bees gone?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Victoria Stocky	Cheltenham Secondary College	Superfoods	Melbourne Graduate School of Education at The University of Melbourne
Alara Oz	Cheltenham Secondary College	Superfoods	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Zoe Lancaster	Mentone Grammar School (Middle)	Where have all the bees gone?	Victorian Apiarists' Association Inc
Harry Siemering	Mentone Grammar School (Middle)	Where have all the bees gone?	Victorian Apiarists' Association Inc
Sienna Bolton	Mentone Grammar School (Middle)	Where have all the bees gone?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Zoe Abi-Ghanem & Rebecca Raffaele	Sacre Coeur - Secondary	Superfoods	Catholic Education Office (Melbourne)
Nikala Lemonidis & Emma Varveri	Sacre Coeur - Secondary	Where have all the bees gone?	Catholic Education Office (Melbourne)
Jordan Di Palma	Parade College	Superfoods	Victoria University
Rebecca Mayall	Our Lady of Mercy College	Superfoods - the key to better health	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Sienna Tedde	Sacre Coeur - Secondary	Superfoods	Noel Schleiger - Memorial Awards
Meghann Logan & Rhea Shami	Sacre Coeur - Secondary	Where have all the bees gone?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Matilda Kinkela Erin O'Brien	Sacre Coeur - Secondary	Superfoods	Catholic Education Office (Melbourne)
Catherine Hynes Lucy Kehoe	Sacre Coeur - Secondary	Where have all the bees gone?	Catholic Education Office (Melbourne)
Sally Choi	East Doncaster Secondary College	Feeding the future with technology	STELR Project
Todd Martin	Parade College	Where have all the bees gone?	Australian Skeptics
Phoebe Galileos	Firbank Grammar School	Where have all the bees gone?	Australian Skeptics

The Odeon: 12.30pm – 1.30pm

Posters-Scientific Wallcharts - Junior *(continued)*

Minor Bursary - \$35

Name	School	Project Title	Sponsor
Sophie Clarke	Firbank Grammar School	Where have all the bees gone?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Holly Obelt	Firbank Grammar School	Where have all the bees gone?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Carlen Boshoff & Zara Challis	St Leonard's College Brighton - Secondary	Where have the bees gone?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Emily Moody	Sacred Heart College - Kyneton	Where have all the bees gone?	Catholic Education Office (Melbourne)
Angeleah Hale	Sacred Heart College - Kyneton	Superfoods	Catholic Education Office (Melbourne)
Georgia Ryan	Sacred Heart College - Kyneton	Superfoods	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Nikko Riazi & Maddy Swan	Kew High School	Superfoods	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Aahana Dudani	Fintona Girls School (Senior Secondary)	Superfoods = Supersleep	Biology Teachers' Network
Elisa Karaim	Lyndale Secondary College	Superfoods	Biology Teachers' Network
Joshua Sist	East Doncaster Secondary College	Where have all the bees gone?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Arielle Sutherland	Macedon Grammar School	Where have all the bees gone?	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Ella De Graaf	Balcombe Grammar School - Secondary	Where have all the bees gone?	Victoria University
Kezia Sanders & Anneka Talbot	Sacre Coeur - Secondary	Superfoods	Yakult Australia Pty Ltd

Creative Writing - Intermediate

Major Bursary - \$60

Name	School	Project Title	Sponsor
Bora Keskin	Cheltenham Secondary College	Genetically modified food.	The Walter and Eliza Hall Institute of Medical Research
Laksha Alahakoon	Presbyterian Ladies College - Senior	Honey is not the only sweetness sustained by bees	Independent Primary School Heads of Australia
Student	Balwyn High School	A bee's burden	Dr Joy Bear
Adrianne Harris	Kolbe Catholic College	GM. Solution to extinction or survival?	Catholic Education Office (Melbourne)
Angela Joseph	Nazareth College	It's the bee's burden - The life of a female worker bee	Vaisala Pty Ltd
Emma Hausler	Goroke P-12 College	Eat simply, or simply eat	Victoria University
Eve Barnes & Alick Schultz	Goroke P-12 College	Bazza the aussie bee	Victoria University
Alicia Lay	Lakeview Senior College	It's the bee's burden	Victoria University

The Odeon: 12.30pm – 1.30pm

Creative Writing - Intermediate

Minor Bursary - \$40

Name	School	Project Title	Sponsor
Tim Ung	Cheltenham Secondary College	It's a bee's burden.	Australian Institute of Energy
Connor Millsom	Lilydale High School	GM. Solution to extinction or survival?	Ken Greateorex
Lachie Wakeling	Lilydale High School	It's the bee's burden	Australian Skeptics
Kahlia Johnson	Lilydale High School	It's the bee's burden	Victorian Apiarists' Association Inc
Matthew Cheah	Scotch College (Senior)	Eat simply, or simply eat.	The Royal Society of Victoria Inc
Rebecca Bartholomeusz	Presbyterian Ladies College - Senior	The bee's burden	Australian Skeptics
Daniel Qin	Scotch College (Senior)	GM. Solution to extinction or survival?	Gene Technology Access Centre
Jackson Evans	Doncaster Secondary College	Bees!	Noel Schleiger - Memorial Awards
Helena Wang	Sacred Heart Girls College	Genetic modification	Australian Society for Biochemistry & Molecular Biology
Stephanie Fernandes	Nazareth College	It's the bee's burden	Noel Schleiger - Memorial Awards
David Tokatliyan	Nazareth College	It's the bee's burden	Vaisala Pty Ltd
Natalie Napolitano	Nazareth College	It's the bee's burden	Catholic Education Office (Melbourne)
Melanie Bau	Nazareth College	A bee's life	Catholic Education Office (Melbourne)
Mia-Regine Bermejo	Nazareth College	It's the bee's burden	The Royal Society of Victoria Inc
Keji Mulai	Nazareth College	Dear diary	Catholic Education Office (Melbourne)
Sarah Machuca	Nazareth College	It's a bee's burden	Vaisala Pty Ltd

Posters-Scientific Wallcharts - Intermediate

Major Bursary - \$60

Name	School	Project Title	Sponsor
Lisa Tu	Cheltenham Secondary College	Where have all the bee's gone?	Victorian Apiarists' Association Inc
Lourdes Jayawardena	Sacred Heart Girls College	Where have all the bee's gone?	Catholic Education Office (Melbourne)
Ashley Eadon & Chael Rhyon	Macedon Grammar School	Superfoods	The BHP Billiton Science and Engineering Awards, managed by CSIRO
Intisar Kunje & Aishah Segumohamed	Minaret College (Secondary)	Safeguarding our food	The BHP Billiton Science and Engineering Awards, managed by CSIRO

Posters-Scientific Wallcharts - Intermediate

Minor Bursary - \$40

Name	School	Project Title	Sponsor
Maria Peenicka & Elysia Teo	Sacred Heart Girls College	Where have all the bees gone?	Australian Skeptics
Dylan Sanusi-Goh	Balwyn High School	Safeguarding our food	Australian Skeptics
Melissa Mekha	Kolbe Catholic College	Bees	Victoria University
Anna Zhang & Michele Zheng	Presbyterian Ladies College - Senior	Genetic modified food feeding our future	Australian Society for Biochemistry & Molecular Biology

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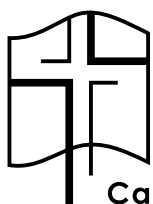
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For further information about the Society, please contact
Dr Diana Stojanovski

ASBMB, c/- Bio21 Institute

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Oct	9	Dr Andrew McCowan Managing Director, Water Technology	Estimating Future Coastal Erosion Hazards – Engineering meets Science
	23	Professor Joel Brugger School of Geosciences, Monash Uni	A W Howitt Annual Lecture International Year of Crystallography
Nov	13	Professor Doug MacFarlane School of Chemistry, Monash Uni	Towards a low carbon society: Challenges & alternate energy solutions
	27	Very Young Scientists Celebrating RSV sponsored STS winners	Note earlier start time of 5:00pm
Dec	11	Professor Jane Visvader WEHI	RSV 2014 Research Medal Lecture Biomedical & Health Sciences

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Noel Schleiger – Memorial Awards (1926 – 2013)

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Dr Noel Schleiger was a teacher of maths at TAFE level, and a highly active member of the Field Naturalists Club of Victoria (FNCV) between 1984 and 2013. His primary interest in natural history was geology; he actively led many excursions, wrote articles and gave talks on his area of expertise.

Noel was also the author of *Roadside geology* (1995), which was published jointly by FNCV and the Geological Society of Australia (Victorian Division).

Noel was a great support for science education over his career, which included his involvement in the 'Scientists in Schools' program. He leaves a legacy that we hope will inspire a future generation of scientists.



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Acknowledgements

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Miranda McKellar

Anne-Marie Williams
Peter Craig
Leonie Lang

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La Trobe University - School of Life Science
Methodist Ladies' College
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The University of Melbourne

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Carlton Gardens Primary School	Chris Rogers Bobbi Tyburski
Caroline Chisholm Catholic College	Yvonne Ngiam
Caulfield Grammar School - Malvern Campus	Andrea Johnson
Caulfield South Primary School	Lainie Nestor Marianne Sichlau
Chairo Christian School Cardinia	Tim Neave Chris Rogerson

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The STS committee urgently needs new members for 2015. Without this volunteer committee the competition cannot operate. There are many benefits to be gained by joining the committee - you will be helping ensure STS continues to run, you will be making an active contribution to your profession, you will gain insight into how the competition operates and you will gain personal satisfaction from working with a group of dedicated science professionals.

For more information about the STS Committee go to www.sciencevictoria.com.au/sts/stscommittee or contact STAV: stav@stav.vic.edu.au; phone 9385 3999

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Coburg Primary School	Ben Johnson
Cornish College	Alexandra Parrington
Creekside K-9 College	Cassandra Flanagan Nichole Fraser
Dandenong High School	Miriam Curnow Anthony Cvek
Deepdene Primary School	Kate Lafferty
Doncaster Gardens Primary School	Michael Cincotta
Doncaster Secondary College	Beatriz Dichtl Jeremy Leeson Tom Wragg
East Doncaster Secondary College	Bernie Kennedy James Kershaw Paul Williamson
Eltham East Primary School	Noreen Akhtar Lisa Polson
Essendon North Primary School	Sheridan Smart Carole Upton
Essex Heights Primary School	Renae Simpson
Fintona Girls' School	Lisa Broben Vanessa Stockley Christa Ackermann Suzie Hannebery
Firbank Grammar School	Anna Flynn Tracy Parsons
Firbank Grammar School - Sandringham House	Beth Watson
Firbank Grammar School - Turner House	Brooke Clayton Beth Watson
Fitzroy North Primary School	Kathleen Lindsay-Field
Flemington Primary School	Kimberley Phair Bruce Ziebell
Forest Hill Secondary College	Greg Heaton
Geelong Grammar School - Secondary	Siwan Rees
Genazzano FCJ College	Tracy Clark Marita O'Shea
Girton Grammar School (Junior)	Kristie Woodward
Glen Katherine Primary School	Annemarie Webb
Glendal Primary School	Jaewon Chang Julie Chippendale Christina Gaffy Christine Gilligan
Gleneagles Secondary College	Mai Dang Marta Ivkov Julie Mullins
Goroke P-12 College	Ellie Morrow
Great Ryrie Primary School	Maureen Frith

Haileybury - Newlands Campus	Mandy Bernard Lauren Donnell
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Home School Hauer	Claudia Hauer
Home School Rozakeas	Petros Rozakeas
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Huntingtower School (Primary)	Leesa Gallard
John Monash Science School	Mark McTier
Kangaroo Ground Primary School	Peter Raven
Kevin Heinze Grow	Jennifer Moodie
Kew High School	Catherine Cocks Lorna Vinar
Kilvington Grammar School - Senior	Maree Locco
Kingswood College - Secondary	Saji Anil
Kolbe Catholic College	Ngairé Brown Jacqueline Wozniak
Lab Rats Science Club	Mei Liu Lydia Low
Lakeview Senior College	Gurhan Halil Reem Yunis
Lauriston Girls School (Primary)	Imelda Mason
Lilydale High School	Caitlyn Armfield Andrew Box Julie Colyer Laura Kaspar Tony Vallance Kasie Van Hennik
Loreto Mandeville Hall - Secondary	Kris Freebairn
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McClelland College	Kerry Archer Phil Holt Laureen Lanarus
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Mentone Girls' Grammar School	Sarah Blesson Shellene Hurle
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Mount Waverley Secondary College	Adam Laan Adam McCarthy Scott Smith
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Our Holy Redeemer School	Annemiek Waters
Our Lady of Mercy College	Melissa Pert
Our Lady of Sion College	Paul Whitely
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Regency Park Primary School	Carole Brodie
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Scotch College	Sarah Brinkhege Anthony Tasca Dinah Waldie Renee Hill
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The Peninsula School	Neil Heron
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Woodleigh School	Su Lampe
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Wenjing (Angela) Hu
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Rebecca Lawrence
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Nina Pappas
Shadi Rivadehi
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Jasmine Shih
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Jake Stirkul
Gayatri Vazirani
Henry Vong
Daniel Peter Willcocks
Justin Wu

STS Coordinator Reports

Computer Programs (Games and Simulations)

Section Coordinators: Mark Williams & Anne-Marie Williams

Considerable variation sums up the response from students this year – in the programs used and in the science presented, with the exception of Bees which appears to have been a trend topic. The rise of GameMaker continues, no bad thing, as does the continued emergence of Web based tools, from Unity to Powtoon. The use of these tools, often with considerable time being spent in development of the program side means effective judging of interesting Science content in conjunction with interesting and interactive science delivery becomes a little more of a challenge. It is right and indeed encouraged that science should use the dynamics of technology to continue to infuse interest and even more life into science – so it's good to see the changes and the vibrant nature of entries.

For younger entrants (and unfortunately for a few too many of the not so young) there is a need to emphasise that simple PowerPoint (or similar) slide shows with little use, if any, of the ability of the software to promote interaction or involvement with the Science is unlikely to be enough.

The effectiveness of the judges was high with searching comments made and the team/collaboration approach of shared skills being used well. Kerrilee was a particularly able front end controller and it was quite evident the general interest and encouragement of the judges had a most positive influence on the student presenters.

It's recommended that students and teachers carefully read and comply with the STS guidelines.

Overall Computer Programs was a successful and enjoyable entity of the Science Talent Search 2014. Thanks to MLC for the excellent venue and to all their student and staff helpers on the day - very much appreciated and very effective.

Picture Story Books (Creative Writing) – Lower Primary and Primary divisions

Section Coordinator: Judith Sise

This year's theme focus on food and science was something primary students could really get their teeth into. From Foundation to Year 6, students found the set topics engaging and open to researching genetic modification and agronomy. Of course, the topics, You eat what?! and Who would have thought that..., produced numerous stories on consuming weird and wonderful foods, insects being the most popular. It would not be surprising to find there are an increasing number of students willing to tuck into a plate of deep fried insects after researching this topic. There were some wonderful science fiction stories predicting the future eating habits and food production methods. It has been great to see that this year many of the judges' suggestions from previous years' reports have been noted; folders were mostly manila types and flat, a variety of references and acknowledgements and word count were listed. Most of the illustrations were done by students and generally

were very creative and innovative in style whilst showing a depth of scientific understanding. However, there are still some students who use computer generated or clip art or photographs. A big thank you to the fantastic judges who as always mark the picture story book within the tight timeline demanded by such a competition. Thanks also to the science and class room teachers for their continued support for this section of the Science Talent Search. Also a big thank you to the many parents and grandparents who inspire and assist students to think, to research and to produce picture stories highlighting science. Congratulations to all students who took the challenge of creating such delightful picture story books in 2014 and I look forward to their entries in 2015.

Creative Writing – Intermediate division

Section Coordinator: Lynden Fielding

The overall standard of Intermediate Creative Writing entries was again consistently high in 2014 and judging was very competitive. 48 entries were received from students at 16 schools across Victoria, and a judging panel of 8 teachers formed the team from Government, Independent and Catholic sectors that assessed the entries and provided feedback comments to the students. This year the creative writing pieces were not equally spread across the theme Food for our future: Science feeding the world topics. It's the bee's burden was by far the most popular topic, being selected by just over half the entrants. GM. Solution to extinction or survival? attracted a quarter of the writers. We need to eat more ... and Eat simply, or simply eat were equally popular. 8 Major Bursaries of \$60 and 16 Minor Bursaries of \$40 were awarded.

Nearly all entries gained a Merit Certificate, if they did not achieve a Major or Minor Bursary. Major and Minor Bursary winning entries shone with an appropriate amount of scientific content and accurate scientific ideas integrated into original and creative stories. As well, their entries were well presented with attention paid to spelling and grammar, clear expression, use of their own words and word count. Importantly, Bursary winners followed the entry guidelines and included both an Appendix of key science ideas and a Bibliography. Some entries were very original and creative and included scientific content, but they didn't strongly relate to the theme Food for our future: Science feeding the world. This was particularly apparent with It's the bee's burden creative writing pieces. Relating the writing to the theme is a key area for improvement arising from this year's range of entries. Another area for improvement is the inclusion of an Appendix that not only lists at least five key science ideas used in developing the story, but also provides a brief explanation of each science idea. Most entrants include a Bibliography that follows the STS Handbook guidelines. However, the date and time accessed for web sites is sometimes left out.

Some of the messages in this year's creative writing pieces were to be yourself and that you do have the power to change the world. The topic It's the bee's burden was chosen by five of the Major Bursary winners for their exceptionally good work. Two further Major Bursary's were won with the

STS Coordinator Reports

GM. Solution to extinction or survival? topic and one was won with the Eat simply, or simply eat topic. Of the Major Bursary winning stories the humour of the project 'A bee's burden' made for excellent reading from Balwyn High School. On the same topic Laksha Alahakoon's writing from Presbyterian Ladies' College was thought provoking and the diary of Angela Joseph's main character Bee-oncé was enjoyable from Nazareth College. From Goroke P-12 College Eve Barnes and Alick Schultz's book creation for an upper primary school audience was very well presented and informative. From Lakeview Senior College Alicia Lay's story was very interesting and engaging with lots of science ideas. The judges this year learnt a lot of fascinating information about bees. Bora Keskin from Cheltenham Secondary College and Adrienne Harris from Kolbe Catholic College both chose diary style for their entries on GM. Solution to extinction or survival?, which contained some really interesting ideas. Adrienne's demonstrated the significance of the GM food debate to a child's father, family and livelihood. Also from Goroke P-12 College Emma Hausler's Eat simply, or simply eat reflective journal related strongly to the theme.

Thank you to our judges for their time given to assessment and feedback comments. Well done to all the 2014 Creative Writing – Intermediate section authors on your efforts and congratulations to all who achieved Bursary and Merit awards.

Working Models and Inventions – All divisions

Section Coordinators: Janice Teng, Maureen Frith & Manju Mohandoss

The Working Models category is always an exciting section which inspires students to explore a scientific principle or idea. Usually this translates to a design and construction of a working model to demonstrate a particular scientific theory and/or principle. Frequently, students also recreate a scaled model of an existing invention and explain the science behind their project.

The Inventions category encourages students to explore their creativity in designing and constructing either their own original invention to solve a problem, or making an innovation and/or improving on an existing invention for new or existing conditions. It is important that students explore their design and redesign in the development of their device.

In addition, we would like to encourage students to include more diagrams of their model/invention for their design brief in the report. It would be good to show how your device has changed as you were building and developing it, with several diagrams of your prototypes. Diagrams should be labelled describing how the science applies to your device.

Students interested in the Inventions section may want to explore the resource links in 'The New Inventors' ABC website. This year, our Inventions Major and Minor winners are also eligible for entry in The BHP Billiton Science and Engineering Awards, in the Engineering category.

Many Students are inspired by the year's theme, but we would like to remind students that in Working Models and Inventions, they do not have to be limited to the theme and can be creative as well as pursuing their own interests in any aspect of Science!

Congratulations to all the bursary winners of the Working Models and Inventions sections. This year there were 20 Major bursaries and 37 Minor bursaries awarded in the Working Models section, and, 9 Major bursaries and 10 Minor bursaries awarded in the Inventions section.

We would also like to commend all entrants in the Working Models and Inventions as we appreciate the amount of effort and persistence required to achieve a working device from their design.

We would like to thank Methodist Ladies' College for hosting our Judging Day, and Anne-Marie Williams and all the staff and students who were essential in the set up and running of the day. Our appreciation and thanks also go to all the judges who provided time and expertise to listen and speak to our student entrants, giving them valuable feedback and a richly rewarding experience.

Posters-Scientific Wallcharts – Lower Primary and Primary divisions

Section Coordinator: Ann Pisarevsky

Congratulations to all those students who made the effort to compete in the poster section of the Science Talent Search.

This year 206 Posters were entered with 112 from Upper Primary and 94 from the Lower Primary. Of those students who entered in the Lower Primary Section 9 received a Major bursary and 14 received a Minor bursary. In Upper Primary 10 received a Major bursary and 20 received Minors.

Students were asked to address one of the topics given - Insects are food, Where have all the bees gone? There is more food in the sea, and Farming our backyard. The judges felt that most Posters were well set out and presented a good understanding of the scientific content relating to the topic. There were, however, a number of posters that did not comply to the guidelines. In some cases fabric or material or photographs were added to the poster. It specifically states in the guidelines that only original diagrams are to be used. With regard to references, if using references from web sites time and date must be added to the reference.

Students should note, that as Posters-Scientific Wallcharts are usually found attached to the wall that anything written on the back is not judged.

On judging day the judges were impressed by the enthusiasm of the students and their understanding of the concepts presented on their posters.

Many thanks, to the judges, who gave up their Saturday morning to be involved in the judging.

STS Coordinator Reports

Posters-Scientific Wallcharts – Junior and Intermediate Divisions

Section Coordinator: Diana Veremciukas

The Judging Day on Saturday the 9th of August ran well thanks to the tireless efforts of the 30+ volunteer judges, who were mostly primary and secondary teachers, and some trainee teachers from The University of Melbourne.

A big thank you to Methodist Ladies' College for the use of their facilities and to the staff who helped set up the rooms on the preceding Friday evening, and those who provided morning tea for parents and entrants on the Saturday morning. Also thank you to the MLC Students who acted as ushers.

The number of Junior entries received was one 112, up on last year's total. Of the entries submitted 18 won Major bursaries, 32 won Minor bursaries and 25 received Merit certificates.

21 Intermediate entries were received, a little down on last year's total. Of the entries submitted 4 won Major bursaries, 4 won Minor bursaries and 6 received a Merit certificate. STAV encourages more Year 9 and 10+ Students to enter next year.

The favourite topic for entrants was "Where have all the bees gone?" at 49%.

Next popular was "Superfoods" at 38%, then "Feeding the future with technology" at 7%. Least favourite was "Safeguarding our food" at 6%.

Posters based on "Where have all the bees gone?" covered some of the following concepts: Colony collapse disorder, Propolis, Pollination, Bee anatomy, Bee lifecycle, Plant lifecycle, Honey production, Pesticides, Herbicides, Insecticides, Climate change, Habitat destruction, Crop rotation, Companion planting, Varroa mite and its lifecycle, Robber fly, Hive beetles, Electromagnetic radiation.

Posters based on "Superfoods" covered some of the following concepts: Food pyramids, Antioxidants, Free radicals, Acai berries, Goji berries, Dark chocolate, Prunes, Blueberries, Kale, Broccoli, Avocado, Almonds, Pistachios, Oats, Spinach, Sweet potato, Kiwi fruit, Eggs, Eggplants, Yoghurt, Pineapple, Banana, Seaweed, Sardines, Salmon, Green tea, Echinacea, Lentils, Buckwheat, Pomegranates, Chia seeds, Quinoa, Seed and Plant structure, Plant lifecycle, ORAC value, Nutrients and vitamins, Benefits to human body, Balanced diet.

Posters based on "Feeding the future with technology" and "Safeguarding our food" covered some of the following concepts; Vertical farming, Aeroponics, Lactose-free milk process, Ionisation ozone process, Genetically modified food, Cricket farming, Food preparation and safety, Staphylococcus aureus, Pot-in-pot refrigeration, Salting and air drying food.

Just a reminder to entrants, if a poster has attachments it must be laminated, and if a website has been accessed, the site, the date and time it was accessed must be noted in the Bibliography. Students need to show clearly what poster topic they have selected on their poster. Also do not stick on pictures that are not hand or computer drawn.

Congratulations to all who entered the Poster section this year. The standard was very high this year. We are already looking forward to 2015 and discovering what students with commitment, enthusiasm and with support from teachers and their families can do with next year's theme.

Science Photography – All divisions

Section Coordinators: Annette Atkinson & Mary Donaghy

Although there was a small decrease in the number of entries received in this section this year, students' enthusiasm for science is confirmed by the quality of the photos presented, the depth of knowledge displayed in the written report of the research into the topic and the depth of understanding conveyed in the discussion of the topic with the judges.

Successful entries met all the criteria listed in the Science Talent Search Handbook, presented impressive photos which were relevant to the topic and conveyed the required information in the written report. It is recommended that students, teachers and family read the guidelines in this Handbook. Most of the entries received followed the required guidelines, an indication of the dedication of these teachers and parents in conveying the importance of following requirements in a competition.

Thank you to the teachers from schools and students from The University of Melbourne who judged the entries. They very generously gave their time to support each other, to write encouraging comments for the entrants, to judge the entries and after prolonged and considered discussion to select Bursary winners.

Thank you to the Science Talent Search Coordinators in schools who encouraged their students to enter the competition and attended to the formalities required. Thank you to the teachers, family and friends who assisted the entrants with suggestions and technical information, supported them in the preparation of their entries and transported them to the judging venue. Thank you to all teachers and parents who encourage an interest in science in their students. Thank you to the Principal and staff of Parade College in Preston, for making the College facilities available and assisting in the smooth running of the Judging Day.

Experimental Research – Lower Primary and Primary divisions

Section Coordinator: Philip Strack

Congratulations to all the students, teacher and parents who contributed their time and effort to participate in this section of Science Talent Search.

Experimental research is a great way for students to further develop their skills in scientific practice. Working through a hypothesis, developing an aim, creating a methodology, collecting data, making observations, recording and discussing results, and finally drawing conclusions. This year many outstanding research projects were received.

STS Coordinator Reports

The topics used by Lower Primary varied from Methods of food preservation to How bad is acid for your teeth, Enhancing food growth to the Potential benefits of lab grown food, Rehydrating foods to any possible connection between diets and moods. 25 entries were received this year with 3 Students being awarded a Major bursary, 6 a Minor bursary and 13 Merit certificates.

The topics for primary ranged from Growing food in towers to Save space to Hydroponics, Ideal amounts of water for plants to Rates of decomposition of food, Effect of environmental changes on food production to How much bacteria is on a burger. 84 entries were received and 11 students being awarded a Major bursary, 20 a Minor bursary and 32 Merit certificates.

Bursary winning entries had a clear experimental design and a thorough analysis and discussion of the results. It should also be said that the projects followed the guidelines set.

Special thanks to the judges for their contributions to make this section of the Science Talent Search a success.

Experimental Research – Intermediate

Section Coordinators - Miranda McKellar, Charles Tivendale and Susan Tawia

The 71 entries submitted to this year's Experimental Research Intermediate section of the Science Talent Search were generally of a very high standard with a total of 27 bursaries being awarded to the most creative and methodical entries. Some of the more interesting topics of investigation that were awarded prizes included "The wonders of feet", a comparison of different foot structures in birds with the aim of using this knowledge to design human swim fins, "What is the best way to avoid flies?" and "Determining the most effective natural preservative". Not only did these entries demonstrate the creativity to come up with an original idea to investigate, but also the discipline required to undertake a controlled experiment and document that process in detail. Undertaking research projects and then presenting them as a report parallels exactly what scientists do in the 'real world'. All of the students who managed to undertake this process and produce an entry for the Science Talent Search which satisfied the requirements of both originality and scientific rigor deserve congratulations.

Entries at the Intermediate level are expected to demonstrate the skills to conduct an adequately-controlled experiment and write it up as a conventional experimental report. However, the report does not need to be a dry, unimaginative document – at this stage we want to encourage students to continue with Science and it is acceptable, even desirable, for the report to be attractive and even decorative, so long as the Science and scientific method are rock solid. There is also room in the discussion for imagination and speculation which may satisfy the creative, laterally-thinking entrant. Whilst some students may have the capabilities to demonstrate many of these desired qualities and aspects of experimental research, teachers are reminded that it takes a skilled and supportive mentor to coach students through these processes. We would also like to remind teachers to

ensure that students follow all of the entry guidelines listed in the STS Handbook so that they avoid being disadvantaged during judging.

Once again, it has been a pleasure coordinating the Experimental Research Intermediate section and having the opportunity to work with our valued judges. With their support we discovered the many students with talent, creativity, and the skills to work 'like a scientist' who were involved this year. We acknowledge and thank the teachers who put in so much effort and the students who accepted the Science Talent Search Experimental Research challenge. It instils confidence that Science in Australia has a positive future.

Experimental Research – Open division

Section Coordinators: Josie Crisara

The standard of entries in the Open Research section varied widely, with some projects focussing on a detailed analysis of a scientific topic and others simply an analysis of a common theme. Many projects showed an adherence to the conventions of scientific report writing. Those that were awarded bursaries had some common features; a well articulated question to research, a carefully planned research methodology with carefully recorded results and a detailed analysis of those results in order to reach a conclusion. Students undertaking research at this level need to consider how results are obtained and ensure that consistency of methodology leads to some degree of accuracy in the data.


I encourage students to continue their interest in scientific research.

Class Experimental Research Project

Section Coordinators: Sarah Shatford and Marisa Jarvis

The Class Experimental Research Project category of the Science Talent Search is a fantastic way in which all the students within a class group can be engaged in an extended scientific investigation. It also has the benefit of allowing for opportunities to communicate their learning to the wider community.

Recent adaptations to the criteria for this section have allowed for better alignment with the requirements of the Australian National Science Curriculum. It also enables cross links between other areas of the curriculum including Mathematics in collecting, recording and analysing data, English with report-writing and communication and some aspects of Digital Technologies where students may use spread-sheets to help create graphs of results. It also meets aspects of the general capabilities. Topics are not limited to just the year's science theme so a project can be chosen to easily complement a class unit of work. Through the criteria of the Class Experimental Research Project, students are introduced to many different skill areas within science. This can then be a starting point for them to try group or individual entries in following years.



It was encouraging to see the number of entries rise once again this year. It was especially exciting to see a number of new schools entering, and of course it was great to see the familiar faces of returning schools and students. One of the areas we have seen improve in the students has been their ability to communicate the science. No longer are we seeing as many scripted presentations, but rather a genuine understanding in which each member of the group is eager to share. A most satisfying aspect as Class Experimental Research Project Coordinators is having the opportunity to speak with the students as they wait to present their work and again as they exit the judging room. Aside from a few nerves, the students had obviously loved being part of the learning journey and were very excited and eager to share their science learning. It is clear from many of the returning students, that this is one of their more memorable experiences each year.

The variety and uniqueness of the projects, whilst still meeting the Science Inquiry Skills across levels from Foundation to Year 6, with many addressing the Science as a Human Endeavour strand, was truly inspiring. Projects were presented covering content strands of biological, chemical and physical science, including topics such as plant life, flight, material properties, bird and insect life, sustainability and energy, textiles and natural dyes even an investigation on the preservation of foods.

For primary teachers who are thinking of entering the Science Talent Search next year, please consider the Class Experimental Research Project. It is an easy way to involve all students. Remember, Science is often inexact and 'messy' but often problems and mistakes can teach far more than obtaining perfect answers. It is the mess and the clarity that comes out of the mess that produces some amazing Science Projects and Scientists! Remember also that the best learning comes from students when they can make links beyond the task or initial topic. Have fun, allow mess, be open to problems and discussions. Good luck and we look forward to seeing more fantastic science being communicated to us next year!

Games – All divisions

STS Section Coordinators: Leonie Lang, Vanessa Phillips and Subu Chockalingam

Educational research tells us that active learning increases student performance in science. What could be more active than students devising and playing their own science games? At the Games Judging Day at Wesley College, students enjoyed setting up their games and playing them with the science teachers who were the judges. We were also pleased to welcome student teachers from The University of Melbourne, who were mentored by the practising teachers. The judges used a rubric which closely followed the guidelines listed in the Science Talent Search Handbook.

This year 148 entries were judged and almost half of these were awarded Bursaries. It is pleasing that teachers are making time available in the crowded curriculum for students to pursue STS projects which are based on inquiry learning.

The best entries were those that not only contained good science, but showed evidence that research was used to develop the game around finding solutions to real issues.

Although students entering the Games section are not obliged to follow the theme for the year, the topic of Food for our future: Science feeding the world lent itself very effectively to concerns about global issues of nutrition. Other popular topics were related to conservation, Sustainability or other environmental issues. Tasks that promoted problem solving were highly regarded whereas "luck" squares in board games and recall of trivial facts did not score well. Overall, the judges were very impressed with the creativity shown by students to produce eye-catching and innovative games which were original and fun to play.

All this was made possible by the generosity of many science teachers who encouraged their students to enter the Science Talent Search, guided their research of the science ideas and inspired them to express their creativity in many different ways. Many of these teachers also gave hours of their free time to judge the entries. We thank the parents for supporting their sons and daughters in preparing their entries, bringing them to the venue and sharing with them the experiences of the day.

We also thank the students who put so much work into completing their entries and brought them to be judged. They have achieved much learning about science and shared their learning with the players of the games and with the judges.

Video/DVD Productions – All divisions

STS Coordinator: John Rainbow

Science Talent Search entrants for the Video section were judged at Parade College on Saturday 9th of August. The atmosphere was full of excitement with hundreds of entrants presenting their video to a panel of two judges. The judges viewed students' final production which was followed by a short interview on what the student/s had learnt.

Thank you to all the entrants and their teachers in this year's Video section. The majority of entrants demonstrated a good level of camera and editing techniques. Ruby Cuthbertson and Amy Li, major bursary winners in the intermediate division, produced a fantastic video that used professional camera angles, editing, make-up and acting. Their video and script took a cinematography approach to tackle the science theme of food for our future. Their movie was based on potential wars and how warring countries must preserve their food for their future. It is clear that these two students have a good eye when it comes to film making.

Most entrants demonstrated a high level of understanding in their chosen topic. This meant it came down to the quality of the camera technique, editing and creative approach of the script to deliver the science message across to the viewer, to determine the major bursary winners.

It was fantastic to see students dressing up to their theme on the judging day. There were bees, doctors, scouts, explorers and many more. The judges were all impressed with the students' level of commitment towards their projects.



This would not be possible without the assistance of all the volunteer judges from various schools and the help of Parade College facilities and volunteer students, thank you for your time and contribution for making this year's judging successful.

Kingsbury Dve, Bundoora, Melways Ref. 19 G8



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