



Conferences/Events

Term 4 Professional learning workshops and conferences are now published. Please see page 5 for details or visit www.sasta.asn.au

Oliphant Science Awards

The Oliphant Science Awards presentation ceremony was held on Friday 19 September at the Norwood Concert Hall. See page 12 for prize winner details or visit our new website at www.oliphantscienceawards.com.au

Annual Conference - Call for Workshop Presenters

SASTA's next Annual Conference & Expo will be held on Monday 13 & Tuesday 14 April 2015 at Brighton Secondary School. Further details page 5

Latest Events

For the latest events and Conference information go to SASTA's website: www.sasta.asn.au

Find us on Facebook & Twitter @ SA Science Teachers Association

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Maths & Science Middle School Conference

Friday 28 November 2014

Venue: Norwood Morialta High School

See page 4 for program and visit the SASTA website to register.

www.sasta.asn.au



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SASTA is on Twitter go to www.sasta.asn.au

South Australian Science Teachers Association Inc.

Patron: Dr Leanna Read ABN 22 938 317 192

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Member of Australian Science Teachers Association (ASTA)

Supporting teachers of science • Advancing science education





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Newsletter copy deadlines 2015

(Advertising deadlines one week earlier)

Edition	Deadline
February	12 January
May	13 April
August	13 July
November	12 October

Advertising

Advertising rates & booking form online at www.sasta.asn.au

Views expressed in this newsletter are not necessarily those of SASTA or the editors. Whilst every effort is made to be factual, no liability is accepted for the accuracy of information presented.

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Adhering to the following guidelines would be appreciated:

Save as a Microsoft Word document

Tables to be set up as text with one tab between columns and a return at the end of each row.

For spelling please use the Macquarie Dictionary and where several alternative spellings are listed, use the first. The exception to this is when you are citing, referencing or quoting directly from a source which uses alternative spelling. Photographs should be high quality untouched digital photographs.

From the President



The Oliphant Science Awards (OSA) are one of the many activities organised each year by the SASTA to assist science education in schools and in our community. The OSA is one of Australia's largest student science competitions. This year SASTA had 90 schools and over 3000 students participating with over 2000 project entries.

Our largest category was Models & Inventions which had 450 project registrations including over 200 projects from Year 3-5 students.

The 2014 Oliphant Science Awards prize winning projects were displayed to the public at the Open Day and for the first time this year SASTA had some exciting come-and-try science activities for the whole family. These included explosions, rockets, liquid nitrogen, magic and animals. The Open Day was a huge success and attracted over 1500 people throughout the day. I would like to congratulate all prize winners especially the 2014 SASTA Oliphant Science Trophy for the most outstanding entry in the competition; Sarah Damin, Isabelle Greco & Bridget Smart from Wilderness School.

I would like to thank all sponsors, judges, conveners, SASTA office staff and other SASTA volunteers who have made the competition possible and were a part of another successful year.

Australia's Chief Scientist, Professor Ian Chubb, convened a symposium in Canberra where he launched his new publication: STEM Australia Future which highlights his plan for the future of science education in the country. In his vision he has placed education at the heart of his new proposals, Chubb says that the country must, "give every Australian child an outstanding science education and support the teachers and schools that provide it". Professor Chubb recommended strengthening STEM teaching at all school levels, supported by high quality and relevant teacher training and subject-specific professional development.

SASTA Awards

Start thinking now for 2015

There are many great teachers out there that SASTA would like to acknowledge, but often they don't get nominated for awards because teaching is a very busy job and people don't get the time to fill in nomination forms. Start thinking now. Alert your Principal.

There are many awards for SASTA members:

- SASTA Medal – for significant contribution to SASTA;
- Credit Union SA/SASTA Outstanding Teacher Award – for junior primary, primary, middle years and senior years teachers;
- Helen Castle Memorial Scholarship – worth \$500 for country teachers to attend the SASTA Annual Conference

Nomination forms are available at www.sasta.asn.au.

Nominations close Monday 2 March 2015 at **4:00 pm**.

SASTA continues to provide high quality and relevant teacher training to support STEM teaching at all levels by promoting and supporting the teaching of science in schools, and to foster the professional development of science teachers. We foster professional development opportunities, provide relevant resources that support science education and educators in achieving professional standards. As part of this effort, the Maths & Science Middle School Conference is being held on Friday 28th November at Norwood Morialta High School (Senior Campus) and will include a keynote presentation, workshops, a range of electives and trade displays.

World Teachers' Day (WTD) is held annually on 5 October and is devoted to appreciating, assessing, and improving the educators of the world. SASTA and other teacher associations will be celebrating WTD by recognising the achievement of various teachers across the state at the CEASA World Teachers Day Event on October 31st. Over 50 educators have received awards from their associations. WTD is an opportunity to rethink national issues facing teachers from an international perspective. Everyone can help by celebrating the profession and generating awareness of issues that affect its practitioners.

Karen Palumbo
SASTA President

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MASA – SASTA Conference



Friday 28 November 2014

A Science and Mathematics Conference for Upper Primary and Lower Secondary (6-10) Maths & Science Teachers

Venue: Norwood Morialta High School, Magill

The South Australian Science Teachers Association and the Mathematical Association of South Australia encourage Upper Primary and Junior Secondary educators across the State to attend this conference, which will provide 7 hours of high quality professional development.

Participants will be able to choose from up to seven electives in each of four workshop sessions. Dr Brett Wilkinson Lecturer & Science Outreach Officer at Flinders University will present the keynote presentation titled 'The importance of STEM in education, and in particular, the use of technology in mathematics and science classes.

The conference will also provide an opportunity to view the latest products & services available from suppliers and network at the morning tea, lunch and happy hour, which are included.

For full workshop details and to REGISTER visit the SASTA website at www.sasta.asn.au

Program

8:30am	Registration and Coffee
8:45am	Welcome and Housekeeping
9:00am – 10:00am	Keynote Nick Jackson
10:10am – 10:40am	Morning Tea and Trade Displays
10:40am – 11:40am	Workshop 1
11:45am – 12:45am	Workshop 2
12:45pm – 1:30pm	Lunch and Trade Displays
1:35pm – 2:35pm	Workshop 3
2:40pm – 3:40pm	Workshop 4
3:45pm – 4:45pm	Happy Hour

Keynote: Dr Brett Wilkinson PhD, BIT(Hons) Lecturer, Science Outreach Officer



Brett Wilkinson is an academic at Flinders University interested in Human Computer Interactions and technology in education. He has taught introductory computer programming within higher education institutions since 2003 as well as focused topics on software, game and mobile app development. He worked in industry in software design and development roles before taking on doctoral research and higher education teaching. Brett

also acts in an outreach capacity looking to encourage younger students to pursue computer science and engineering at a university level. Through this role he has developed a number of strategies to engage with students and promote computer science as an attractive, engaging and desirable career. Brett has a research background in human computer interactions interested in the use of novel and emerging technologies and how these devices and systems may enhance training, education and quality of life. He sees the incorporation of emerging technology within the classroom as one of the key priorities of educational institutions.

Abstract

Promoting and stimulating student interest in science and mathematics related disciplines within schools can be a challenge. The importance of STEM education should not be dismissed as it teaches problem solving, critical thinking and collaborative skills. Research demonstrates that these skills developed through appropriate STEM education improves student achievement in all other subjects. The knowledge generated by science and mathematics are essential to prepare students for the opportunities and challenges that will face them in the 21st century.

Currently the use of technology pervades all aspects of our lives and the effective use and rudimentary understanding of this technology will be a required skill for all students in their future career. We are in an era of life and education that is unlike any other in human history – classrooms have ready access to technology, data and expert knowledge. This talk will present a brief survey of existing contemporary research surrounding STEM education as well as talking about the importance of effective, engaging technology use in the classroom. We will then continue to investigate the use of technology and how researchers within the School of Computer Science, Engineering and Mathematics at Flinders University are engaging with classroom technology. A brief discussion will follow on accessing useful tools, resources and competitions to enhance the education experience.

Term 4 Teacher Professional Learning Science

For Primary Years Teachers:

Year 7 Science Series: Biological Sciences

Date: Monday 10th November 2014

This workshop will support teachers to further develop their current understanding of the Science Understanding Strand: Biological Sciences

The workshop aims to build teacher knowledge and conceptual understandings while participants are actively engaged in science investigations using the Science Inquiry Skills. The workshop will use an inquiry approach to the learning of science, providing teachers with the confidence and resources to implement the requirements of the Australian Curriculum in their classrooms.

Who should attend: Year 6/7 teachers or specialist science teachers

For Secondary/Middle school teachers:

Investigating Earth and Space Sciences: Years 8-10

Date: Friday 21st November 2014

How do I teach Earth and Space Science? What activities can I do? Where can I find relevant and engaging activities and resources? This program will allow you to answer these questions and more.

This is the third in a series of workshops for secondary science teachers that aims to give teachers the opportunity to expand their subject knowledge and gather new ideas about how to teach some of the more difficult concepts in this Sub Strand of the Australian Curriculum: Science.

Who should attend: Secondary/Middle school teachers

Time: All Workshops run from 9.00 am – 3.00 pm

Venue: Education Development Centre, Hindmarsh

Cost: Full Day Workshops: Personal Members \$115, Corporate Members \$140, Non-members \$165 (incl GST)

Morning tea and lunch will be provided

Australian Professional Teaching Standards: All of these workshops reflect the Australian Professional Teaching Standards. Teachers will receive a certificate of attendance that details the Standards covered.

BOOK NOW at: <http://www.sasta.asn.au>

Call For Workshop Presenters



SASTA Annual Conference & Expo

Monday 13 & Tuesday 14 April 2015 at Brighton Secondary School

SHARE your good ideas... submit a workshop proposal for the conference!

Presenting workshops for your colleagues is an excellent way to share best practice and develop a community of educators across the State.

TAKE PART in a broad program of professional learning workshops for primary and secondary teachers, including laboratory and computer workshops, hands-on activities, seminars and discussions.

GAIN valuable experience in leading learning that will enrich your own professional standards.

Conference Themes

The Conference will address a range of the content and pedagogies of the Australian Curriculum: Science, however, it will also celebrate the 2015 International Year of Light and Light Based Technologies. Participants should be actively involved in the learning through a practical and investigative approach. Sessions that link to real world examples of contemporary science are encouraged.

Possible Workshop Ideas:

- Hands-on activities for primary, middle and senior school science
- Use of technologies in teaching and learning
- Integrated units of work of Science and Literacy etc
- Ways of motivating students to consider science in their future careers
- Improving students confidence and experiences in Science

Share your good ideas... submit a workshop abstract for the **SASTA Annual Conference & Expo at www.sasta.asn.au**

SASTA Psychology Summer Conference

Applying Psychology in Schools

Date: Friday 16th January 2015

Venue: Education Development Centre, Milner Street, Hindmarsh, SA

Program

9.00 am	Conference Opening Housekeeping and welcome to EDC	Lois Ey
9.15 am	Keynote Speaker 1: Gabrielle Kelly Director, Wellbeing and Resilience Centre SAHMRI <i>The vision for schools in building the state of wellbeing: measurement, interventions, transmission, evidence and community.</i>	
10.30 am	Morning tea	A word from our sponsors
11.00 am	SACE Examination and Moderation Review	
12.00 pm	Concurrent Workshops 1 1.1 Teachers New to Psychology 1.2 Getting the best out of your students in Research Programs (using Personality and Career as an example) 1.3 Using Google Forms in Research Programs	Jenny Hunter Carolyn Pinchbeck Penny Collins
12.45 pm	Lunch	
1.30 pm	Keynote Speaker 2: Professor Mike Nicholls Deputy Dean: School of Psychology Head: Brain & Cognition Laboratory Director: Flinders Institute of Psychological Science <i>Fumblers and Bunglers? Causes and consequences of left-handedness</i>	
2.30 pm	Concurrent Workshops 2 2.1 Getting the best out of your students in Research Programs (using Personality and Career as an example) 2.2 The Flipped Classroom Approach in Psychology 2.3 Stage 1 Cognition and Report writing	Carolyn Pinchbeck Cat Stone & Lauren George Irena Atherton
3.15 pm	Concurrent Workshops 3 3.1 Using Google Forms in Research Programs 3.2 The Flipped Classroom Approach in Psychology 3.3 Stage 1 Cognition and Report writing	Penny Collins Cat Stone & Lauren George Irena Atherton
4.00 pm	Conference Plenary	

Keynote Speaker 1

Presenter: Gabrielle Kelly



Gabrielle Kelly is the SAHMRI Wellbeing and Resilience Centre's inaugural Director. Film-maker, digital media executive, social entrepreneur and strategist, she has been working on human behaviour and systems change in a range of settings. Previously, she ran the ground-breaking Adelaide Thinkers in Residence program, leading significant implementation of change in city

design, advanced manufacturing, early childhood education, and positive psychology.

As Senior Vice President of the Health Accord in New York, a digital start up, she developed a business to deliver health and wellbeing products to self-directed health consumers in 1999/2000. This "capacity for self direction" has gone global and viral with the arrival of the internet.

She commissioned and led the Professor Martin Seligman residency in South Australia with a range of high profile partners to explore the value of positive psychology in building mental wellbeing and resilience and reducing mental illness.

South Australia has now accepted Professor Seligman's challenge to become the 'State of Wellbeing', measuring, building, and embedding positive psychology, and wellbeing and resilience science in the community at large. The vision: to use Professor Seligman's dashboard of wellbeing – Positive Emotion, Engagement, Relationships, Meaning and Accomplishment (PERMA) – as a public health message for all citizens across all age cohorts. Like 'Slip Slop Slap', PERMA+ will become the clarion call for a mentally healthy society in Australia.

Keynote Speaker 2

Presenter: Mike Nicholls



While Mike's first degree is in Architecture from the University of Adelaide, he went on to do a honours degree in Psychology and eventually a PhD in Experimental Psychology at Cambridge. He worked at the University of Melbourne for 17 years and moved to Adelaide in 2010 to take up a professorship in Psychology at Flinders University. He is director of the Brain and Cognition Laboratory

which has a broad interest in cognitive processes, how they operate and how they might be represented in the brain.

Fumblers and Bunglers? Causes and consequences of left-handedness

Around 90% of the population are right-handed and the remainder are either left- or mixed-handed. Humans are unique in this regard and handedness may have played an important role in our evolution. This talk examines the social, biological and genetic mechanisms that cause someone to be left- or right-handed. The academic and other abilities of left-handers are then discussed relative to right-handers. The talk is relevant to the biological, person and socio-cultural levels of explanation and touches on topics related to the lateralisation of brain function and intelligence.

Teachers New to SACE Stage 2 Biology

Monday 23 February 2015

Program

- 9:00 am **Registration**
- 9:15 am **Introduction**
- Stage 2 curriculum development
 - The current SACE course
 - SACE Board documents
 - Designing a Teaching Program
 - Alternative Programs
- 10:00 am **Morning Tea**
- 10:20 am **Theory Lessons**
- Teaching biology
 - Analysing worksheets, class assignments, homework assignments using assessment design criteria and performance standards
 - AV and multimedia materials in Senior Biology
- Practical Lessons**
- Types of Practical
 - Assessing practical work
 - Test questions relating to practicals
- 11:45 am **Assessment Plans**
- Designing an assessment plan
 - Sample assessment plans
- 12:15 pm **Lunch**
- 1:00 pm **Moderation**
- SACE moderation
- 1:30 pm **Preparing tests and issues investigations**
- Analysing test questions
 - Preparing answers
- 2:00 pm **Afternoon Tea**
- 2:15 pm **Marking**
- Marking tests and issues investigations
 - Marking extended response questions
- 3:15 pm **Questions & Resources**
- Where do you get help?
 - SACE Board and SASTA – how can they help science teachers?
- 3:30 pm **Close**

Teachers New to SACE Stage 2 Chemistry

Monday 23 February 2015

Provisional program - to be confirmed

- 9:00 am **Registration**
- 9:15 am **General Introduction**
- Subject outline walk through**
- Investigation skills
 - Content
 - Assessment
 - Performance Standards
- 9:30 am **Assessment Operations**
- Quality assurance cycle
 - Key dates
 - Assessment Groups
- 9:45 am **Assessment and SACE Board Policies**
- Moderation and external assessment
 - Supervision and verification of students' work
 - Assessment deadlines and submission dates
 - Special provisions
- 10:45 am **Morning Tea**
- 11:00 am **Learning and Assessment Program (LAP)**
- Structural elements
 - Exemplars
 - Addendum
 - Variations
- 11:30 am **Teaching Programs**
- Organization
 - Connections
- 12:15 pm **Lunch**
- 12:45 pm **Group Work**
- Practical program Formative/Summative
 - Example of a Skills & Applications Task (i.e. Test)
 - Example of an Investigation (i.e. Summative Prac.)
- 2.00pm **Afternoon Tea**
- 2.15 pm **The Moderation Process**
- 3.00 pm **Resources available to support you (i.e. Texts, Study Guide)**
- Further Questions and Discussion
- 3:30 pm **Close**

All workshops will be held at the Education Development Centre, Milner Street Hindmarsh.

Register online at www.sasta.asn.au

Cost: Personal Members/Student Members \$120
Corporate Members \$155
Non-Members \$180

Teachers New to SACE Stage 2 Physics

Friday 27 February 2015

Provisional program - to be confirmed

9:00 am	Registration and Welcome
9:15 am	General Introduction to SACE Physics requirements
	Subject outline walk through
	<ul style="list-style-type: none"> • Investigation skills • Content • Assessment • Performance Standards
	Assessment Operations
	<ul style="list-style-type: none"> • Quality assurance cycle • Key dates • Assessment Groups
	Assessment and SACE Board Policies
	<ul style="list-style-type: none"> • Supervision and verification of students' work • Assessment deadlines and submission dates • Special Provisions
	Getting help
10:45 am	Morning Tea
11:00 am	Approaches to Learning – Class Activities – “Here’s How I Do It” – Brian and Peter.
11:45 am	Assessment task design – Mostly Brian (current work) with a few thoughts from Peter and attendees.
12:15 pm	Lunch
1:00 pm	Use of ICT Resources (in class, practical sessions and for private study) – Brian and Peter: <ul style="list-style-type: none"> • Software, video, simulations, PD materials • Texts with ICT support • Tablet opportunities • Data loggers
2:00 pm	Administration at the school level – grading, reporting, watching for plagiarism – Brian and Peter + ideas from attendees
2:15 pm	Afternoon Tea
2:30 pm	*Here’s How I Do it (attendees – come prepared), Q & A (please send us some) – joint approach External exam and Chief Assessor’s report Physics in Years 7/8 to 11 Final discussion generated by attendees (plus feedback sheet)
3:30 pm	Close

Teachers New to SACE Stage 1 & 2 Psychology

Friday 27 February 2015

Provisional program - to be confirmed

9:00 am	Registration
9:15 am	Subject Outline – the big picture
9:30 am	Assessment Type 2: Skills & Applications Tasks – relevant to Stage 1 & 2
	Task design, examples and performance standards
10:45 am	Morning Tea
11:00 am	Central Moderation of School – based assessment at Stage 2, which includes
	<ul style="list-style-type: none"> • Assessment Type 1: Investigations Folio (30%) • Assessment Type 2: Skills & Applications Tasks (40%)
	Stage 2 SACE Board Exam
	<ul style="list-style-type: none"> • How the exam is constructed • Marks scheme for the exam
12:00 noon	Lunch
12:45 pm	Group Investigations – relevant to both Stage 1 & 2
	<ul style="list-style-type: none"> • How to conduct a research program • Guiding students in writing research proposals, drafts & final reports
	Stage 1 Issues Investigation
2:00 pm	Afternoon Tea
2:15 pm	Mock moderation – recognizing grade brands in sample investigations
3:00 pm	Question time
3:30 pm	Close

Teachers New to **SACE Stage 1 & 2 Nutrition**

Friday 6 March

Provisional program - to be confirmed

- 9:00 am **Registration and Welcome**
- 9:15 am **General Introduction to SACE Nutrition requirements**
- Subject outline walk through**
- Investigation skills
 - Content
 - Assessment
 - Performance Standards
- Assessment Operations**
- Quality assurance cycle
 - Key dates
 - Assessment Groups
- Assessment and SACE Board Policies**
- Supervision and verification of students' work
 - Assessment deadlines and submission dates
 - Special Provisions
- Getting help**
- 10:45 am **Morning Tea**
- 11:00 am **Central Moderation of School – based assessment at Stage 2, which includes**
- Assessment Type 1: Investigations Folio (30%)
 - Assessment Type 2: Skills & Applications Tasks (40%)
- Assessment Type 3: Stage 2 SACE Board Exam**
- How the exam is constructed
 - 2014 Exam feedback: the Chief Assessor's report
- Assessment Panels**
- Applying for marking and moderation panels
- 12:00 pm **Lunch**
- 12:45 pm **Approaches to Learning & Assessment Task Design**
- Teaching nutrition: It doesn't have to be just Classroom based!
 - Designing an Assessment Plan, and filling in Addendums
 - Designing a Practical program: Types of practicals & Assessing practical work
- 2:00 pm **Administration** at the school level – grading, reporting, watching for plagiarism
- 2:15 pm **Afternoon Tea**
- 2:30 pm **Here's How I Do it:** Attendees – come prepared with at least ONE good idea to share and discuss, and any Q & A. A Feedback Sheet to finish the day off (Thank You).
- 3:30 pm **Close**

Money Smart Professional Learning Program

SASTA in association with CEASA and the Australian Securities and Investments Commission (ASIC) are offering schools the opportunity to have the Money Smart program introduced to their staff at no cost.

Money Smart Teacher Workshop 1 – Introduction to consumer and financial literacy education in Australia, will provide teachers with an opportunity to investigate a new financial literacy resource developed for R-10 schools through a one hour professional learning workshop led by a Money Smart Facilitator.

The resource package is designed to equip teachers with the tools and resources to effectively teach consumer and financial literacy through real-life contexts and the knowledge and skills to be able to confidently integrate this into and across relevant learning areas of the Australian Curriculum: English, mathematics and science, F-10.

Workshop Purpose:

- to introduce consumer and financial literacy to whole staff — its importance and how it can be taught as a context for implementing the Australian Curriculum
- to provide an overview of the MoneySmart Teaching package and the MoneySmart units of work
- to provide an outline of the professional learning journey for the school to become a MoneySmart School

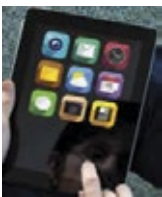
If you would like to organise a Money Smart workshop for your school, please send suitable dates & times to
Kate Dilger - projectofficer@sasta.asn.au
or telephone 08 8354 0006

FREE IT workshops in your school for year 9, 10 and 11 students

Presented by UniSA lecturers from the School of Information Technology and Mathematical Sciences

YOUR STUDENTS WILL GAIN NEW SKILLS AND PRACTICAL EXPERIENCE IN PROGRAMMING, NETWORKING AND GAME DEVELOPMENT

We come to you, or bring your students to visit the Mawson Lakes campus.



Think like a gamer (Dr Stewart Von Itzstein)

In this workshop we'll delve into the mind of the gamer. What makes a game playable? How do we get players engaged in our games? This lecture covers what we need to include in new games in order to fully engage the player and get them to play your game.



Robot battles (Dr Adam Jenkins)

RoboCode is easy to understand and a fun way to learn how to program. Each student uses Java to develop their own robot tank and then the battle begins! Battles take place in real time in an on-screen arena with the best programmed robot taking out the prize. Robocode is now used in schools and universities to teach programming and introduce artificial intelligence. This workshop also has the option to introduce XNA, a Microsoft program for game development.



Game App makeover! (Dr Grant Wigley)

In this workshop you will take an existing game app for a mobile device and customise it to your liking. You'll get to change colours, font size and game style, and then copy your new game onto your Android device to take home with you.



Inside-out PC (Dr Grant Wigley)

This workshop involves opening up the lid of a PC, disconnecting all of the peripherals such as memory, CPU and disk, identifying each part and what it does, then putting it all back together again. Great for students who want to know how computers really work.



Wifi Safe (Dr Grant Wigley)

Wireless Networking has many advantages but incorrectly configured, can result in your network being hacked and important data either being stolen or modified. In this workshop, students will learn how to configure a wireless network ensuring all security precautions are taken. A great skill for them to take home to the family!

To book a workshop, please email ITMS.Enquiries@unisa.edu.au

Please include in the subject line **'School Workshops'**.

Workshop leader contact details:

Dr Grant Wigley, ph. 8302 3583

Dr Stewart von Itzstein, ph 83023056

Dr Adam Jenkins, ph 8302 5350



2014 SASTA Oliphant Science Awards

Congratulations to all students who completed entries and to the major prize winners.

DECD Young Scientist

Primary

- 1st Jai Speer & Will Jackson - Glen Osmond Primary School
- 1st Georgie Thorpe – Immanuel College
- 2nd James Beaumont – St Thomas School
- 2nd Lily-Rose Spartalis & Ariel Spartalis – St Andrew’s School
- 3rd Isaac Cheng – St Andrew’s School
- 3rd Reema Madike – Wilderness School

Secondary

- 1st Cameron McCormack – Australian Science & Mathematics School
- 1st Emily Squires – Brighton Secondary School
- 2nd Wesley Levinson – Para Hills High School
- 2nd Josephine Males & Eloise Treadwell – Walford Anglican School
- 3rd Kee-An-Seet – Glenunga International High School
- 3rd Madeleine Lilburn – Loreto College

SASTA Best Country School Award

- R-7 Adelaide Hills Home School

DSTO Secondary School

- 8 – 10 1st Walford Anglican School Equal 2nd Glenunga International High School & Wilderness School
- 11 – 12 1st Para Hills High School and 2nd Brighton Secondary School

University of South Australia & Hewlett Packard

- 6-7 Heath Eickhoff – Hallett Cove School
- 9-10 Xavier Clarke & Oliver Clarke – Adelaide Hills Home School Group

Australian Institute of Energy

- R-2 Riti Rahman – Walkerville Primary School
- 3-5 Connor Donnellan – St Thomas School
- 6-7 Amber Washington – Walkerville Primary School
- 8 Grace Nicolson – Walford Anglican School
- 9-10 Tom Murphy – St John’s Grammar School
- 11-12 Madeleine Lilburn – Loreto College

Beach Energy

- 3-5 Benny Woodrow – Stirling East Primary School

Catholic Education SA

- 1st St Andrew’s School
- 2nd Walford Anglican School For Girls

Nature Foundation SA

- 3-5 Benny Woodrow – Stirling East Primary School
- 9-10 Madeleine Lilburn – Loreto College

CSIRO Education

- CREST Schools: St Andrews School and St Peter’s Collegiate Girls’ School
- Non-CREST Schools: Emmaus Christian College and Walford Anglican School for Girls

Flinders University School of the Environment

- 8 Sophie Russell – Seymour College

Flinders University Science Prize

- 9-10 Esther Burnett – Mitcham Girls High School



Ms Monica Oliphant presented the prestigious Oliphant Trophy to Ms Sarah Damin, Ms Isabell Greco & Ms Bridget Smart from Wilderness School for their Multimedia entry 'Time Stops for No Man' at the presentation ceremony held on Friday 19 September at the Norwood Concert Hall.

Australian Institute of Physics

- 9-10 Sarah Damin, Isabelle Greco & Bridget Smart – Wilderness School

Australian Radiation Protection Society

- 6-7 Maeve Allen-Horvat – Scotch College

Australian Society of Biochemistry & Molecular Biology

- 8 Anthea Yew & Alicia Lo – Wilderness School

Collison & Co

- 9-10 Cameron McCormack – Australian Science & Mathematics School

PICSE

- 6-7 Alexandra Stephenson – Adelaide Hills Home School Group
- 11-12 Tate Hancox – Urrbrae Agricultural High School

Royal Australian Chemical Institute

- 9-10 Mitchell Nicmanis – St John's Grammar School

The University of Adelaide: Faculty of Engineering, Computer & Mathematical Sciences

- 9-10 Mitchell Nicmanis – St John's Grammar School

The University of Adelaide: Faculty of Sciences

- 8 Lauren Kris, Kelsey Searle & Annabelle Pyke – Walford Anglican School

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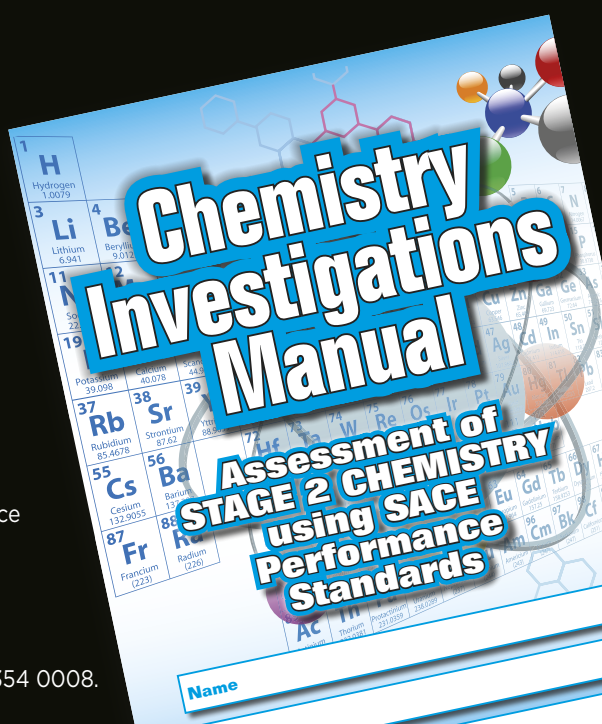
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