

SA's largest **Science Competition**

2017

SASTA

OLIPHANT

SCIENCE AWARDS

SOUTH AUSTRALIAN SCIENCE TEACHERS ASSOCIATION

OPEN DAY

Sunday 27 August 2017

12pm – 4pm

Festival Functions

292 Findon Road, Findon



OPEN DAY 2017



Come to see, learn and immerse the whole family in science this year at South Australia's largest student science competition – the Oliphant Science Awards Open Day!

This year we are celebrating the National Science Week theme of Future Earth with a number of **Science Spectacular Shows** and **Come & Try activities**. All **prize winning projects** from the 2017 competition will be on display, plus there will be a selection of **food & beverage** options available for purchase from The Rotary Club BBQ and Beans Talk Coffee Cart (A Hutt Street Centre Initiative).

Come along with your class group, friends and family, to experience the fun and magic of science in action!

SCIENCE SHOWS PROGRAM

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TIME	WHAT'S ON
12:00pm	Opening Ceremony <i>MC Andrew 'Cosi' Costello will welcome everyone to the 2017 Oliphant Science Awards Open Day & start the day off with a bang!</i>
12:05pm	Extremes – Fire & Ice Mobile Science Education <i>Help us explore the nature of heat and how it can change in dramatic ways – which is really just a good excuse to use liquid nitrogen, set things on fire and generally blow stuff up (moderately safely)!</i>
12:30pm	The RoboRoos – Robot Showcase The Student Robotics Club of SA <i>The RoboRoos will provide a short theatrical performance around the experience of their students in the creation of a robot to compete in the FIRST Robotics Competition 2017 and their trip to Texas, USA!</i>
12:55pm	Weird Creatures Mobile Science Education <i>Humans are pretty odd, but we are not the weirdest of creatures on the planet. Come and help us explore human limits and how we compare to other evolutionary marvels.</i>
1:20pm	Our Australian Animals Nature Education Centre <i>The Nature Education Centre's focus is to encourage children to learn about native Australian Wildlife and their habitats. The presenter will show you a variety of the Centre's animals and explain what makes each of them so special!</i>
1:45pm	Bubble-Tific Mobile Science Education <i>Help us explore the chemistry and beauty of bubbles and how the laws of entropy define their shape – plus the obligatory person inside a giant bubble thing and a few other tricks...</i>
2:10pm	What Is Colour? The Young Scientists of Australia (YSA) <i>This show will use the concept of colour to explore the process of science. Demonstrations will revolve around questions such as 'Why is the sky blue?', 'What causes chemical colour changes?' and 'What happens when colours mix?', using mostly household chemicals and objects.</i>
2:35pm	Mathantics Mobile Science Education <i>Explore the outrageous nature of numbers, weird patterns and universal proofs - with tricks, tips and head scratching problems thrown in for fun. Join us as we attempt to speak the language of science...</i>
3:00pm	Engineering (Without Borders) Engineers Without Borders SA <i>The EVB Outreach Programs introduce students to global challenges (such as water & sanitation) and solutions to these using modern engineering techniques. This show will introduce you to the topic of appropriate housing and the innovative idea of floating houses along the Tonle Sap in Cambodia!</i>
3:25pm	Animal Behaviours ZoosSA <i>Join us to discover the most positive approach to successful behaviour change with animals, exploring techniques used with zoo animals within Adelaide and Monarto Zoos, which can also bring great results in your own backyard!</i>
3:50pm	Fire & Ice SciWorld <i>Learn about extremes in temperature in this interactive show that will teach you about climate change, atmosphere and the factors that will influence our Future Earth!</i>

All Science Shows run for 20 minutes. Program is correct at the time of printing, however is subject to change

The Oliphant Science Awards would like to thank its many sponsors, supporters, committee members, volunteers, teachers, students and staff involved in this year's competition who helped to make this event possible!

For more information about The Awards or to get involved in 2018 visit: www.oliphantscienceawards.com.au