



SOAR

(Student Opportunities that are Academically Rewarding)

Year 7-9 Program

THURSDAY 6 APRIL 2017

9:00 am – 3:30 pm

The SOAR team is excited to announce that during the April school holidays we will once again be offering a SOAR holiday program. This program will provide participants with the opportunity to soar! Workshops have been specifically designed to cater for extension activities to challenge participants to inspire them to think creatively and to develop skills and attitudes that will help them to reach their God-given potential.

Your child has been nominated by their classroom teacher to participate in the SOAR program. Participants will choose four workshops from those described overleaf, and will participate in three of the four on the day of the program.

The day will begin at 9:00 am (registration from 8:30 am) with a welcome and introductory session explaining the day. Students will then attend their first workshop where they will be encouraged to use higher order thinking skills to complete the challenges set before them. After a break for morning tea, students will commence their second workshop; another opportunity to work with like-minded students to solve problems and think creatively. A lunch break will provide an opportunity to re-fuel so that students are ready for their third and final workshop of the day. The program will conclude with a short gathering to share together and for students to receive a participation badge and certificate.

Places are limited, book early to avoid disappointment

Bookings open Wednesday 22 March 2017 and close at midnight on Sunday 2 April 2017

- Who:** Invited students from Years 7 - 9
- Date:** Thursday 6 April 2017
- Time:** 9:00 am – 3:30 pm (registration from 8:30am)
- Location:** Chairo Christian School – Pakenham Campus
585 Bald Hill Road, Nar Nar Goon 3812
- Cost:** \$65 per child + booking fee of \$0.30 per child
(PLEASE NOTE that refunds will only be given if the program organisers are notified via email before midnight on Tuesday 4 April 2017)
- What to bring:** Students are required to bring their own morning tea and lunch in a small backpack
(No nut products please – some students have severe allergies to nuts)
- Booking Details:** trybooking.com (simply go to the website, click 'BUY TICKETS' search for SOAR and follow the instructions...or type the following URL into your web browser
<https://www.trybooking.com/268757> and follow the instructions

Why should my child participate in SOAR?

Students with high academic potential benefit from working with like-minded peers. Programs such as SOAR provide students with the opportunity to collaborate with others who think like they do. SOAR workshops will inspire creativity and challenge students to think about problems that require higher order thinking skills. Research indicates that targeted programs to enrich and extend students with high academic ability assist students to extend themselves and provide a safe environment where learning risks can be taken. The purpose of an extension program is to provide the appropriate level of academic challenge to cater for the intellectual and affective needs of students with high academic potential.

When making your booking at trybooking.com please **choose four workshops** from the selection below (Students will participate in three workshops during the program):

<p style="text-align: center;">Minute to Win It</p> <p>In this fun filled team activity session, students will be stretched in their knowledge, creativity, curiosity and logic when answering conundrums, arranging mathematical problems, and using their minds to solve each round quickly.</p> <p>Each round will bring challenges and obstacles that students will need to work together to move through the school. And of course, there will be prizes!!!</p> <p><i>Facilitator: Natasha Eshuis (Belgrave Heights Christian College)</i></p>	<p style="text-align: center;">Robotics: Autonomous Machines</p> <p>Imagine a world where aircraft fly themselves, robots clean the house and mow the lawns and cars only carry passengers. This is a world that is fast becoming a reality through the efforts of a new kind of engineer, the Autonomous Engineer. The engineer is involved in developing programs to make machinery autonomous. During this session students will be programming robots to overcome real-life challenges in an effort to make a robot that is truly autonomous.</p> <p><i>Facilitator: Simon Taylor (Hillcrest Christian College)</i></p>
<p style="text-align: center;">Jelly! More than Meets the Eye</p> <p>A tantalising and tasty workshop, for those who are curious about the intricacies of light sight. Lasers, jelly and eyeballs. What do they have in common? Come experiment and discover how illuminating this light show can be!</p> <p><i>Facilitator: Paula Loomes (Chairo Christian School)</i></p>	<p style="text-align: center;">Finding the Lighthouse Diamond Thief</p> <p>It was a dark and dreadful night when it was discovered that the priceless Lighthouse Diamond had disappeared. It was thought to be safe and sound in the super secure vault in the basement of the 'You Gotta Have It – Jewellery Store'. But alas, the only thing found was a note and a bag of white powder left in the vault. The thief left it there to tease and taunt...how humiliating this has been! You are called because your scientific skills and professional help is needed in solving this mystery before the criminal gets away.</p> <p><i>Facilitator: Amy Liddle (Chairo Christian School)</i></p>
<p style="text-align: center;">Dissections</p> <p>Can you stomach the mind-boggling biology of dissections? Have you ever wondered what internal organs look like? Participants of this workshop will undertake dissections and learn about the Heart, Brain and Eye, and using a microscope and magnifying glass to look up close at their amazing structures and functions. Come and be amazed by God's intelligent design.</p> <p><i>Facilitator: Tim Neave (Chairo Christian School)</i></p>	<p style="text-align: center;">Bridge Building</p> <p>Do you like to work with your hands and make amazing things? Come along to Bridge Building where you'll learn the basics of structural engineering and how to make a mini bridge! You'll be an expert on tension, torsion, shearing and forces. Buttresses, arches and trusses will be your best friends by the time you're finished.</p> <p><i>Facilitator: Jane Ward (Chairo Christian School)</i></p>
<p style="text-align: center;">Get your Game on!</p> <p>In this workshop you will have the opportunity to make your own playable computer game. There will also be time during the session to share what you have created and play some of the games designed by other students. The workshop will cater for students who are relatively new to programming, while also providing opportunities for experienced students to extend themselves. The only limit is your imagination and determination.</p> <p><i>Facilitator: Rowan Walker (Chairo Christian School)</i></p>	<p style="text-align: center;">The Periodic Table Soap Opera</p> <p>Can you imagine if each of the elements in the Periodic Table was a character in a Soap Opera? Sparks fly when Sodium and Potassium come together. What are the Noble Gases plotting and why won't they react? And why does Hydrogen and Oxygen's relationship always end in tears?</p> <p>Be prepared to get up and take on the character of an element as we explore what happens when our melodramatic elements combine. We'll create compounds of conflict to be filmed in our own little soap opera - 'When Atoms Collide'.</p> <p><i>Facilitator: Allen Dickson (ReThink PD)</i></p>

Photographs/videos may be taken of SOAR participants from time-to-time and used for reporting/advertising/promotional purposes. If you do not wish your child/ren to be photographed or videoed for such purposes, please notify the SOAR Coordinator prior to commencement of the program.

If you have any questions please do not hesitate to email the SOAR Program Coordinator: Jane Ward - jward@soar.vic.edu.au