



HEADS OF
INDEPENDENT
CO-EDUCATIONAL
SCHOOLS

G & T CAMP 2022 - Participating Schools | Master Classes | Seminars - **UPDATED 24 MAY 2022**

#	School	MasterClass	Seminar	Overview - by teacher	Places
1	Arndell Anglican College	Robotics		Students will learn programming and engineering skills. They will use these skills to design and construct their own robots for a series of projects. The highlight of the week is a Robot Sumo tournament, with autonomous robots battling it out to be the winner. Workshops will cover design principles, engineering and programming. No prior experience in Lego Robotics is necessary.	7
2	Bishop Tyrrell Anglican College	Visual Arts		Aim: To gain experience using watercolour, ink, charcoal, and acrylic mediums incorporating a variety of techniques. Students will finish the course completing a mixed media artwork using their preferred mediums. Students will take home several mini projects based on each medium, and a final mixed media artwork that showcases their interests and skills. The course includes learning techniques, practical art applications, self-evaluation, and peer review.	8
3	Blue Mountains Grammar School	Shakespeare		Students explore famous passages from William Shakespeare through the theatre techniques of various 20th century theatre practitioners. Students will explore the theatre techniques developed by Stanislavski, Lecoq and Meyerhold, and apply these techniques in the creation of duologues/ small group scenes from Shakespeare's famous plays. Students will learn how to express characterisation through understanding of the text vocal projection, body language and gesture and through tableau and use of symbolism. Each practitioner will be the focus of one of the seminars, with the Shakespearian text explored, learnt and developed into a completed performance the students will present to each other on the last day.	8
4	Broughton Anglican College	Coding Club		Have you ever wondered how your computer, iPad, Xbox, play station or phone knows exactly what to do when you press a button? Or thought about video games and how the characters move or talk? Ever been browsing a webpage and considered how it was made and how it works? If you have ever been curious about any of these things then coding club is for you! Students will learn about the world of coding through exploring the history and examining real world applications of coding. Students will develop an understanding of the different types of and purposes of coding. Students will practise coding through games and challenges while developing their skills of problem solving, critical thinking, communication, collaborative learning, and creative thinking. Students will show off their coding skills by creating either a game, website, or animation.	8

5	Central Coast Grammar School	Stop Motion Animation		This masterclass will develop a fundamental understanding of stop motion animation, exploring an exciting variety of animation techniques. Students will use clay, paper, charcoal, LEGO, toys, found objects and more to bring their imagination to life. We will draw inspiration from the history of animation and contemporary stop-motion artists. Students will learn the full creative process from start to finish, including camera set up and shooting, character and story creation, set building and more to create their own Stop Motion Animation.	6
6	Georges River Grammar	Escape Room activity		What is it makes a good escape room? Is it the story which you start to unravel? The mood of the space? The quality of the clues and puzzles? Students will work collaboratively over four days to write a narrative, decorate a room, and come up with a suite of indicators, clues, puzzles and pointers for the rest of the camp to experience and maybe even solve.	8
7	Minarah College	Expressing yourself through poetry		What is the secret to this mysterious artform that doesn't seem to have many rules, except for when you're breaking all of them? What <i>is</i> poetry and why can I make it with a stack of books or some paint and paper? And just how does poetry slam? By exploring a wide range of poetic forms from all over the world, we will investigate the connection between our senses, our feelings and nature, the imaginative ways you can transform poetry from a written artform to a visual one, why the writers of love sonnets never want to meet the objects of their affection, and just how many rules a 3 lined haiku can have. Over the course of the week, we will work on composing a variety of poems to complete your own poetic anthology collection, as well as creating the groundwork for you to write poetry into the future.	6
8	International Grammar School		Race to Create a RaceTrack	Do you enjoy working as a team on design, problem solving & coding challenges? If so, this 2 hour seminar is for you. Ready..set..go! You will need to work as a team to plan and execute programs involving a variety of parameters, applying sequencing and debugging as you compete to complete a series of increasingly complex racetrack challenges that you will test using Ozobots.	8
9	Macquarie Anglican Grammar School	Story Telling through Dramatic Articulation		Students will create short stories that represent Big Ideas based on current topics from today's society. They will learn how to develop a plot, while creating tension and conflict between characters. Words will transform from paper to performance with students engaging the elements of drama to express their ideas on the stage. Students will take creative control and will work together to effectively bring their story to life.	8
10	Moriah College		Google Doodles	Who likes to doodle? Explore Google Doodles using the art elements of line, shape, colour and form. Connect with occasions, events and festivals and brainstorm creative ideas to commemorate and celebrate or contemplate the event. Expand your intellectual and creative thinking in this visual design doodle workshop.	8
11	Newcastle Grammar School		Writing	Dystopian and Utopian worlds are a constant source of intrigue for readers and now it is time to develop our own! Together we explore how we create these worlds by looking at how to use perspective and characterization, develop unique settings and details that our readers will love. In this seminar we will do brainstorming, planning and writing of sections of our created worlds that may just be the inspiration you need for a future bestseller.	12

12	Northholm Grammar School	Architectural Geometry		Students will explore how mathematics integrates with the design and construction process in architecture. By addressing design principles in geometry through a range of architectural periods, they will use geometrical reasoning to explain the functionality of Mathematics in design and construction throughout the ages. Students will apply their knowledge by creating artworks based on mathematical principles and equations.	8
13	Richard Johnson Anglican School			FIRST AID	5
14	Snowy Mountains Grammar School		Landscape Drawing	Do you love nature? DO you enjoy drawing? Let's go for a journey into the wonderful world of landscape drawing. Spend this seminar session taking notice of the amazing surrounds we have here on camp and get your creative on! Learn some basic landscape drawing techniques such as perspective, how to draw trees, rocks, water, creeks and clouds, and complete your own landscape drawing artworks to take home.	4
15	St Andrew's Cathedral School		History RMS Lucitania	Controversy? Conspiracy? Dive into the issues surrounding the sinking of the luxury liner RMS Lusitania during World War I. How did the tragedy unfold? Why was it significant? Who was impacted? Join the hunt for answers to this enduring mystery and step back in time to explore this historical event from last century!	6
16	St Luke's Grammar School		20 Years Living In Space	This year we celebrate 20 years where astronauts have been living in space at the International Space Station. Students will explore the history of space travel, the evolution of technology at the space station, the impact living in space may or may not have on the human body, and recount some of the astronauts stories from their experience living in space. Using Minecraft Education 'Challenge' they will explore the Space Station on a Minecraft world and then modify the Space Station to add anything they believe would benefit science and the astronaut who are living in space. Students will then present their modified Space Station to their peers.	8
17	The Illawarra Grammar School	Cryptogy Master Class		The world of secret codes holds a fascinating air of mystery with secret agents trying to discover the enemy's plans before the enemy uncovers theirs. This is why the study of secret codes and methods of breaking these codes is called Cryptology, from the Greek kryptos meaning hidden or secret. Students will be involved in learning about numerous types of codes and how they have been used throughout history. They will be given opportunities to develop their code breaking skills to solve various codes presented to them and be able to develop their own codes for others to try and solve. Cryptology caters for all learners interests as they will be involved in breaking and developing codes that involve Mathematics, language, pictures, music and much more.	8
18	Wollondilly Anglican	Entrepreneurship		As budding apprentices, you will create your own company and work in teams to develop a product or a service to sell. Before selling your product or service, you will undertake market research to ensure that you have the right audience. Just like Junior Apprentice, you will also be responsible for designing your advertisements and sales presentation. Does your team have the creativity and imagination it takes to make the most profit?	6
TOTAL		11	6		132