

QAGTC 2024 Children's Challenge Workshops for the Gifted

Thursday 26th and Friday 27th September 2024

Venue: Our Lady's College, Chester Road, Annerley.

The event is convened by *The Queensland Association for Gifted and Talented Children Inc.* in conjunction with *Our Lady's College, Annerley.*

Challenge 2024 offers workshops for students aimed at providing valuable opportunities for gifted youngsters to experience the excitement of extending their learning in novel and engaging workshops conducted by experts in a variety of disciplines.

Gifted children can mix with like minds as they are encouraged to explore their potential. (Students are recognised as gifted when they can operate at levels of learning well above that which is normal for their age peers. Gifted education programs are designed to provide opportunities to engage with tasks achievable by students two years in advance of a gifted child's chronological age.)

This exciting program of workshops is specifically designed for gifted children in Queensland. QAGTC is a non-profit organisation run by volunteers to benefit gifted children. Information on the workshops on offer is included herewith.

QAGTC CHILDREN'S CHALLENGE 2024

Please select from options described below, then complete the registration and consent form available at www.qagtc.com.au (not qagtc.org.au)

Workshops require a minimum number of 8 for a workshop to run, so share with your friends to encourage registration to attend the workshops.

STUDENTS, PLEASE READ Details of workshops before making your selection.

***NOTE:** Workshops are aimed at **two years in advance of school Year Level**. When you choose a workshop, please be aware that it is not like the regular curriculum for that Year Level. You are indicating that you look forward to working at an advanced level.

Note: If you are enrolled in year 2 at school you register for a year 2 workshop.

Full details and registration process is available at www.qagtc.com.au

YEAR LEVEL	TITLE	LEADER
P-3	Extra! Extra! Read All About It Write about A Moment in Time <i>This workshop is offered on Thursday only</i>	<i>Gail Young</i>
DESCRIPTION You are going to choose an extraordinary moment in your life that you remember well and <i>Dare to Write About It</i> for a Press Release. This may include any event, any celebration e.g. birthday, cultural festival, Christmas, victory, sporting achievement, family, holiday etc Think about this event * Who was involved? * What happened? * How did you feel about this experience? Experience this extraordinary opportunity of your life and engage in retelling your moment in time by developing your talented writing skills. <i>This one-day workshop will be run only on Thursday 26th September</i>		Requirements: Gifted writers please bring along a memory in your life that is so special and significant to you This may be a photo, illustration, sketching, drawing, conversation, an object you have, a newspaper clipping. <i>You need to bring</i> writing materials (notebook, writing pencils, colouring pencils, dictionary)

YEAR LEVEL	TITLE	LEADER
P-3	Drama Rama <i>This workshop is offered on Friday only</i>	<i>Bazil Grumble</i>
DESCRIPTION Drama is the perfect art form to assist children in the development of their confidence, communication and presentation skills. Children will be challenged in this workshop by a range of fun and interactive games of a theatrical nature! They will learn new skills in improvisation, voice and movement, while extending their team building skills and resilience and they will all have a good laugh in the process! <i>This one-day workshop is on Friday 27th September</i>		Requirements: <i>Levy \$6 payable with registration</i>

WORKSHOPS FOR YEARS Year 4 to Year 6

YEAR LEVEL	TITLE	LEADER
4-6	Drama Masterclass <i>This one-day workshop is on Friday 26th September</i>	<i>Bazil Grumble</i>
DESCRIPTION Drama is the perfect art form to assist children in the development of their confidence, communication and presentation skills. The diverse range of structured games, improvisation, script analysis and performance exercises presented in this workshop will inspire and empower participants. They will further develop skills in the field of drama that are also transferable to real life situations such as leadership, clear and effective speech, lateral and imaginative thinking and teamwork. <i>This one-day workshop is on Friday 27th September</i>		Requirements: <i>Levy \$6 payable with registration</i>

YEAR LEVEL	TITLE	LEADER
4-6	The Mathematics of Triangles <i>This workshop is on Thursday only</i>	<i>Sue Stevens</i>
DESCRIPTION Do you love Mathematics? If you would you like to learn about some amazing and useful features of triangles, come along to our intensive workshop where we will explore the magic of triangles, even when they are inside circles. Even though this will be Year 8 level mathematical thinking, we will gradually stretch our minds to be able to use triangle facts for measuring and constructing in the real world (outside the classroom). <i>This one-day workshop will run only on Thursday 26th September</i>		Requirements: Please bring pencils, erasers, ruler, protractor and notebook

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4-6	Holo-Wand Robotics <i>Choose either Thursday OR Friday</i>	<i>Michael Dash</i>
DESCRIPTION Holo-Wand Robotics Step into the future with this one-day workshop, where students will create and keep their very own "Holo-wand"! In this exciting class, participants will learn to solder electronic components and program a microcontroller to display secret messages as dazzling holographic effects that appear in the air as the wand is quickly waved back and forth. As they craft their Holo-wands, they'll explore the science behind Persistence of Vision (POV) and discover how our eyes and brain work together to create these stunning illusions. They'll also get hands-on experience with the math behind binary and hexadecimal systems, which they will need to use to create the messages displayed on their wand. Best of all, each participant will take home their custom-built Holo-wand! Student levy of \$15 payable with registration for this workshop Maximum of 12 students. <i>This one-day workshop will be run twice: you can choose either Thursday 26th September OR Friday 27th September</i>		Requirements: Students are encouraged to bring a phone or tablet with a scientific calculator app installed. (Apple or Android) Some spare tablets will be available, and students will be encouraged to share as well. •Student levy of \$15, payable with registration

YEAR LEVEL	TITLE	LEADER
5-6	Science of Rockets <i>This workshop is offered on Friday only</i>	<i>Ryan Forster</i>
DESCRIPTION Propulsion and aerodynamics are the two key aspects that underpin the operation of a rocket. These aspects can be explored and modelled safely through the use of bottle rockets. Aerodynamic surfaces of the rocket can be easily altered, and pressurized air is used to expel water from the rocket, thus propelling the rocket forward. Students will develop skills of scientific inquiry: identifying independent and dependent variables; hypothesizing; assessing risk and conducting experiments; collating data; identifying relationships between variables. <i>This one-day workshop will be run only on Friday 27th September</i>		Requirements: Students to bring round empty 1.5L or 2L plastic bottle, notepad and pencil case.

YEAR LEVEL	TITLE	LEADER
5-6	Voice Your View: A Crash Course in Debating <i>This is on Thursday only</i>	<i>Josie Minze</i>
DESCRIPTION Having won the highest scoring speaker in the Ipswich Secondary Schools Debating Competition for three years in a row, debater and adjudicator Josie Minz is excited to share her debating tips, tricks, and games with other curious minds. Using current stimulus, students will collaborate to explore real-world situations and then form and argue their own opinion. The debating forum will begin with a quick crash course in debating skills and techniques and some small, fun games. A grand final debate will then allow students to showcase the skills they have learnt throughout the day and get a taste of a real debating competition. <i>This one-day workshop will be run only on Thursday 26th September</i>		Requirements: Students will be required to bring a pen and workbook, as well as a laptop, or other device for research.