

ignite excellence

YEAR 7 MATHEMATICS & SCIENCE PROGRAM

APPLICATION PACKAGE

The College's Ignite Excellence Programs are designed to challenge, engage and unite passionate learners in their areas of talent. The College's Ignite Excellence Programs and opportunities span a range of key learning areas including Mathematics, Science, English, Music, Sport, Dance, Robotics and Foreign Languages.

For students in Year 7 who love Mathematics and Science, the College offers a combined Ignite Excellence Program to align with the College's core teacher structure for that Year Level.

From Year 8 onward, the Ignite Excellence: Mathematics and Ignite Excellence: Science Programs are two separate entities and students can be in one, without being in the other.

PROGRAM OVERVIEW

The **Year 7 Ignite Excellence: Mathematics and Science Program** provides specialised classes in these two subject areas, providing high achievers with additional challenge, enrichment, acceleration or extension.

IGNITE EXCELLENCE: ACCELERATED MATHEMATICS PROGRAM

In each Year Level, a separate Mathematics class is established to provide an accelerated curriculum for our highest achieving Mathematics students. In this accelerated program, students complete Years 7, 8 and 9 Mathematics in just two years, before commencing the Senior School subject Mathematical Methods, twelve months early.

A distinct benefit of this program is that it allows students to remain with same age peers, whilst completing the Mathematics content of the Year Level above. The program occurs during normal Mathematics lessons on the timetable for that Year Level.

During Year 7, students in the Ignite Excellence: ACCELERATED MATHEMATICS Program automatically participate in the IGNITE EXCELLENCE: SCIENCE Program due to the core teacher model in place at the College.



IGNITE EXCELLENCE: SCIENCE PROGRAM

The Science component of this Year 7 program is designed to allow high achieving students the opportunity to explore their strengths within this discipline at greater depth. Through the provision of a separate extension/enrichment class for Science in Year 7, the teacher and students are able to work through the Australian Curriculum at a faster pace or study its content at higher levels of complexity. Students are also able to participate in developing their Science inquiry skills within a supportive environment.

This program also occurs during the normal school day, within the timetabled Science periods.

Students participating in the College's Ignite Excellence programs will be immersed in a "Growth Mindset" where errors and mistakes are seen as useful tools for moving forward, and high achievement comes through a strong work ethic and perseverance in the face of challenges. Developing a disposition of grit, growth and grace in the face of challenges, is at the heart of the learning goals of this Ignite Excellence Program.

Students reapply for all Ignite Excellence Programs annually.

At any time, the College reserves the right to withdraw a student from an Ignite Excellence program if it is deemed necessary, in the best interests of the child, or the behaviour, work ethic or performance requirements have not been met.



WHAT IS FLIP TEACHING?

At times, the Flip Teaching Model is used to deliver the Accelerated Mathematics Program. This teaching model uses pre-filmed videos of the content which must be watched prior to attending class. Students can refer to these videos at any time and as part of their study program. This method also allows students to access all the term's lessons and content via online videos and work at their own pace.

APPLICATION PROCESS

To be eligible for the Year 7 Ignite Excellence: Mathematics and Science Program, students must:

- Demonstrate talent and enthusiasm in the area of Mathematics and/or Science;
- Demonstrate Report Card results which indicate their suitability;
- Be committed to the high level of motivation, independence, achievement, work ethic and participation required;
- Submit an application form for consideration;
- Complete any additional testing requested.

All interested students are encouraged to complete the attached Application Form and return it to the College by the end of Term 2, the year prior to entry. Late applications will be considered after this date, but subject to availability.

A copy of the child's most recent Report Card (and any other suitable documentation) should be provided with the application.

Applicants will be invited to attend an Applicant Workshop Session where a small number of assessments will be completed. The College uses all the data available to make decisions about class placements and the best pathways for each student. The College reserves the right to make final decisions regarding a student's application for the Year 7 IGNITE EXCELLENCE: MATHEMATICS AND SCIENCE Program.

At times there may be additional costs for students involved in the program, for particular experiences or resources related to the curriculum.

To remain in the class for the entire academic year, students must demonstrate the level of achievement, commitment, work ethic, behaviour and independence required. This exemplary behaviour standard must also be maintained across all aspects of the student's life at the College.

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YEAR 7 MATHEMATICS & SCIENCE PROGRAM

APPLICATION PACKAGE - Year 7

NAME: _____ DATE OF BIRTH: _____

APPLICATION FOR YEAR 7 in _____ (STATE YEAR). Example: "Year 7 in 2027" **ROTHWELL CAMPUS**

CURRENT SCHOOL: _____ CURRENT GRADE LEVEL: _____

PARENT/GUARDIAN NAME:	CONTACT PHONE NUMBER:	PARENT EMAIL:

COURSE EXPECTATIONS:

- Students enrolled in the Year 7 IGNITE EXCELLENCE: MATHEMATICS AND SCIENCE Program will enthusiastically participate in the learning experiences and maintain a high standard of achievement and behaviour. Students within the group are to be encouraging and supportive of one another's work, spurring each other on to reach their goals.
- At any time, the College reserves the right to withdraw a student from the program if it is deemed necessary, in the best interests of the child, or the behaviour, work ethic or performance requirements have not been met.

ACADEMIC BACKGROUND:

Please submit a copy of your most recent Report Card with your application.

What areas of Mathematics and/or Science are interesting to you? _____

What Mathematics, Science or STEM opportunities have you previously been involved in? (Competitions, primary school programs, holiday workshops, extension activities, coding, robotics) _____

If selected, what do you hope to gain from being a part of this program?

Is there any additional information you would like to provide?

Please sign the following acknowledgement before submitting your application.

The information I have provided above is accurate and I have **attached a copy of my most recent Report Card** to complete my application (new students to the College only). I understand and would adhere to the behaviour, effort and participation expectations that are part of the Year 7 IGNITE EXCELLENCE: MATHEMATICS AND SCIENCE Program.

Student Signature

Date: ____/____/____

Parent/Guardian Signature

Date: ____/____/____

For more information about this program, or to discuss the needs of your child, please contact Mrs L Forman (Academic Enrichment Coordinator) via academicenrichment@glc.qld.edu.au or telephone 3203 0066.

Please return the application to:

By email: **academicenrichment@glc.qld.edu.au**

By post: Grace Lutheran College
Academic Enrichment Department
PO Box 3181, CLONTARF DC QLD 4019

In person: College Reception



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