



Carey
Baptist
College
Harrisdale

2023

GATE Handbook

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Introduction

Carey Baptist College

Established in 1998, Carey Baptist College has grown into a leading Christian education provider in the south-east corridor of Perth. Carey's reputation reflects a commitment to outstanding academic achievement, a holistic education of students, positive pastoral care, and a rich diversity of co-curricular activities, including service learning. Our Motto is '**Attempt the Extraordinary**', a paraphrase of the words of William Carey.

Learning takes place within a faith-based values system that encourages students to become independent, creative and flexible. The Secondary program features:

- A tradition of graduating exceptional young people of character and capacity.
- A wide selection of ATAR and Vocational pathways.
- Highly respected Arts and Music programs.
- A safe, rigorous and engaging learning community of over 850 students.
- GATE, STEM and Aviation programs.
- Year 7 GATE Scholarships in STEM, Music Specialist and Academic Excellence.

Why is Carey offering GATE?

- Carey is deeply committed to providing access to exceptional educational opportunities to all of our students.
- All students at the College will benefit from these programs through increased College cooperation with industry and tertiary sectors and the addition and retention of outstanding learners.
- GATE provides opportunities for exceptionally gifted and talented students to contribute to the academic life of the College.
- Carey has outstanding teachers and teaching facilities with innovative teaching programs that help it create opportunities for all.
- The program assists gifted students to reach their potential through integrated and academically rigorous courses that emphasise enrichment, challenge and connection.
- The GATE programs extend qualifying students significantly beyond the classroom by providing partnership access to both the tertiary sector and industry.

Values are Central

At Carey, we believe that all of our students benefit through the balanced inclusion of students who are at all levels of academic ability and achievement and that **what matters most is the development of perseverance, character and hope**. We believe that all people are made in God's image, having equal value and the right to be treated with dignity and respect. All members of the Carey Community are encouraged to uphold and behave according to our values:

- **KINDNESS:** A concern for others, which compels us to act for their good.
- **COURAGE:** The willingness to act well in the face of uncertainty and fear.
- **RESPECT:** Sensing and honouring the God-given worth in one another.
- **HUMILITY:** Embracing a clear perspective for one's place with God and others and seeking to benefit others above ourselves.
- **INTEGRITY:** Being honest and consistently living out our moral principles.

Carey's GATE Program

Research informs us that gifted students may require different ways of learning for them to reach their potential. That is, they need to be catered for differently (Gagne, 2007). Carey defines gifted and talented as:

- **Gifted**, whereby a child has the potential for high ability in a certain area. A student may be gifted more than one area, such as literacy, numeracy, sport, the arts or more.
- **Talented**, meaning they can demonstrate outstanding performance or achievement.

The GATE program at Carey aims to provide Year 7 Gifted and Talented students with **rigorous, relevant and challenging** learning opportunities aligned with their individual learning needs, strengths, interests and goals.

The GATE program is additional to the extension classes and is designed to provide students with a stimulating and challenging learning environment to cater for their academic and developmental needs.

Teachers work with students to foster advanced analytical, critical and creative thinking skills. Students within the program follow a curriculum that **is differentiated to best support individual learning needs and accelerate learning by extending their skills with advanced and in-depth study.**

Entrance to the Carey GATE program and scholarship is a selective process based on academic merit. Applicants must demonstrate ability through an academic entrance test and a music audition (for music applicants).

Aims of the GATE Program

The GATE program at Carey aims to:

- Engage, stimulate and connect students;
- Challenge and extend critical and creative thinking;
- Build problem solving capabilities for the 21st Century;
- Increase self-esteem, independent learning, and a sense of accomplishment;
- Encourage a love of learning and a desire to make a difference to the global community;
- Develop skills in collaboration, communication, organisation, innovation, leadership, teamwork and entrepreneurship;
- Celebrate academic creativity, curiosity, the pursuit of excellence and achievement;
- Provide students with opportunities to be involved in: challenging competitions; leadership programs; community service; university extension programs; and interstate and overseas study tours (COVID permitting).

Overview of the GATE Selective Programs in Year 7, 2023

Carey's GATE Selective Programs

- STEM.
- Music Specialist.
- Academic Excellence.



GATE STEM and GATE Music Specialist takes place for two sessions per week. GATE STEM occurs during the two Homework sessions, while GATE Music Specialist occurs in the Music Elective and includes an after-hours session. The GATE Academic Excellence class meet in one of the Homework sessions and also includes an after-hours session in a joint Year 7 and 8 format. All GATE programs are reported on in Semester reports.

GATE STEM Program

The GATE STEM program incorporates 21st Century learning strategies where students are encouraged to excel in their areas of academic talent and develop a love of learning. STEM skills are crucial to innovation and development in our contemporary technological knowledge-based and competitive global economy.

The STEM program focuses inquiry based learning, integrating Science, Technology, Engineering and Mathematics. The integration of STEM disciplines in real world design problems is a way of engaging students in imaginative and collaborative reasoning with a **focus on inquiry, application, analysis and evaluation**. GATE STEM students are well prepared to select ATAR Physics, ATAR Chemistry, ATAR Maths Methods and / or ATAR Maths Specialist as part of their course in Year 11 and 12.

GATE Music Specialist Program

Students are encouraged to learn through **creation, performance and reflection**. They will study all genres of music, including Contemporary Popular Music, Western Art / Classical, Jazz and Musical Theatre. Carey has a long and distinguished history in delivering excellence in Music education. Many Carey Music graduates have gone on to further studies and are now forging careers as music performers and educators, both nationally and internationally. Music Specialist students can select ATAR Music in Year 11 and 12, and use this as one of their University entrance subjects.

GATE Academic Excellence Program

The GATE Academic Excellence Program provides gifted and talented English, Humanities and Arts students with a program that integrates critical thinking, creativity, communication, persuasion, leadership and entrepreneurship in real world contexts. The program engages students in activities which will enhance their **research, writing, oral, analytical and reasoning skills**. This program is aimed at equipping students to successfully contribute to the rapidly changing and increasingly global society in which they live. Students in the Year 7 and 8 Academic Excellence program collaborate together in a range of community projects, enrichment activities and competitions.

STEM Electives

Carey has chosen to develop some of the Design and Digital Technologies electives (that all students can choose) as STEM electives, with Technology as the context. These electives are based on design principles, incorporating 21st Century learning strategies and focus on project based learning. This approach allows a wider number of students interested in STEM to benefit from these extension activities.

Technologies: Aviation (STEM) – The study of Aviation at Carey is not just for students wanting to become pilots, but for anyone interested in the aviation industry, including air traffic controllers, drone operators, engineers, mechanics and administrators. As W.A. recovers from COVID, this area will have large future employment prospects.

Technologies: Coding (STEM) – Coding makes it possible to create computer software, games, apps and websites. Learning to code enables students to develop essential skills such as problem solving, logic and critical thinking. This encourages students to become creators, not just consumers, of the technology they use.



FAQ Frequently Asked Questions – Carey’s GATE Program

1. Can my son / daughter be in more than one of Carey’s Specialist GATE programs?

Yes, they can. As Music Specialist operates in a different place (Performing Arts line) on the timetable, these students can also be part of the STEM OR Academic Excellence programs. As the Year 7 and 8 Academic Excellence group meets after school on Mondays, other GATE students may request to join this group for some of their competitions (if space is available).

2. How does the Carey GATE program differ from that of Education Department schools?

There are a number of differences between the GATE programs in Education Department schools and Carey’s approach:

- **The selection process.** Carey’s selection process involves a wider set of evidence to determine its ranking of applicants. This contributes to the invitation to the HAST Test; and points from the Application are also added to the HAST score (plus the audition results in Music). Not all applicants are invited to sit the HAST test; only the strongest applicants.
- The test results and other evidence is **weighted to determine which students are suitable for each of the three programs**. The Maths and Reasoning sections of the HAST Test are weighted more highly for the STEM program students; and the Writing and Comprehension sections are weighted more highly for the Academic Excellence applicants. In Music Specialist, 50% comes from the HAST + Application and 50% from the audition.
- There are three GATE specialist programs (STEM, Music and Academic Excellence) that are run in addition to the normal extension classes. In Science for example, the GATE students participate with the other Extension Science students for the normal 240 minutes, and are part of the specialist GATE STEM program (for 120 minutes) as well. This means they are **not in the same exclusive group for all of their classes, but mix with a variety of other extension students**. This is intended to encourage GATE students to develop their ‘soft skills’ of collaboration, interpersonal, teamwork, creative thinking, communication, etc., which are developed by working with a wider variety of students in different contexts.

Applications and Timeline

The Application Form

Applications are available from curriculum@carey.wa.edu.au or from Building J at the Harrisdale Campus, or they can be completed online at carey.wa.edu.au/scholarships. For any assistance with applications, **please contact Mrs Hardegen** (at the above email address). Applicants should ensure that the application form includes all relevant documentation and that they have received acknowledgement of the receipt of their application from the College. All communication from the College will be done by email.

GATE Timeline 2023

Applications Open	Monday, 18 October 2021
GATE Handbook and Power point summary uploaded to Carey Website	Monday, 28 February 2022
Applications Close	Thursday, 24 March at 4.00pm
Test Invitations Emailed	Monday, 4 April (week commencing)
Music Audition Invitations Emailed	Monday, 4 April (week commencing)
HAST Test Date	Saturday, 7 May, 8.45am
Music Audition Date	Saturday, 14 May, 8:30-5.00pm
Round 1 Offers	Monday, 30 May* (week commencing)
ACER + HSS Performance Report emailed	Monday, 30 May* (week commencing)
Round 2 Offers	Monday, 20 June* (week commencing)
Unsuccessful notifications emailed	Monday, 15 August* (week commencing)

*These dates may be delayed due to the possible impact of COVID.

The Information Session that was scheduled for Wednesday, 9 March, 2022 will not take place due to COVID restrictions, and this is being replaced by the publication of the 2023 GATE Handbook (for Year 6 applicants).

Any questions about the various sections in this Handbook should be directed to:

Staff Member	Title / Email	Responsibilities
Mr R. Stirling  rstirling@carey.wa.edu.au	Assistant Principal - Curriculum GATE Coordinator	GATE Program Aims and Features Application and Selection Process HAST Test Scholarships Terms and Conditions GATE Selection Committee
Mr D. Braithwaite dbraithwaite@carey.wa.edu.au	Head of Science	GATE STEM
Mr G. Choo gchoo@carey.wa.edu.au	Director of STEM	Year 7 GATE STEM Program Future Developments
Mr B. Thompson bthompson@carey.wa.edu.au	Head of Music	GATE Music Specialist Music Auditions
Mr N. Turner nturner@carey.wa.edu.au	Year 7 Academic Excellence Teacher	GATE Academic Excellence Year 7 AE Program

Application Guidelines

All parents need to supply the following (including current Carey students):

- Most recent (Year 5) end of year report (include copy).
- Year 5 NAPLAN results (include copy).
- **Recent** certificates and awards won by the student (include copies).
- Other interests / abilities the applicant displays and to what level (or references).

Points on the application are awarded on the evidence presented which goes towards determining which students are invited to sit the test. These are added to the HAST test to rank the students and offer the GATE positions.

Other documents required with the application are:

- Birth Certificate.
- Recent photograph (for identification).
- Copies of recent Music exam results, especially if applying for GATE Music.
- A recommendation from the Music teacher, especially if applying for GATE Music.
- Information regarding any disability (if applicable).
- Evidence of participation in extension, PEAC or STEM programs (if applicable).

Application Details

- Applications may be made for the GATE STEM, Music Specialist and Academic Excellence Scholarships, but students can only be awarded one of these.
- Up-to-date and accurate information must be included in the application.
- Invitations to sit the HAST Selection Test will be made from the applications (which includes reports / NAPLAN results and other information supplied).
- Applicants for ALL programs are required to sit the HAST. Students who have sat the ASET should send in their ASET results when they receive them in mid-May, as these will be taken into consideration.
- All applications will be acknowledged.
- Auditions for Music Applicants will take place on the Saturday following the academic test. Applicants will be contacted with the times for their audition.
- Positions in the GATE program and scholarships are allocated on the basis of the results in the HAST Test + Application; and the Music audition for Music applicants.
- All applicants will be considered, even if they are unable to sit the HAST test.



FAQ Frequently Asked Questions – The Application Form

3. Do all the boxes on the application form need to be numbered, or can we just put a number next to one option, if that is all that is being applied for?

Applicants can place just a 1, or a 1 and a 2, or a 1, 2, and 3 in the boxes if they want to apply for either one, two or all three of the programs. The most common application form received usually has a 1 and a 2 for two of the programs.

4. Will my child be offered their second or third preference?

This depends on the number of applicants, their results and the number of available positions in each program. They will be offered the highest preference they qualify for based on their results.



FAQ Frequently Asked Questions – The Application Process

5. Do we need to pay to apply for the Carey GATE Scholarship Test?

No. The College pays a fee to ACER for the HAST test and its administration of the results.

6. Do I need to sit the Education Department GATE (ASET) test in order to apply for the Carey GATE (HAST) test?

No. However, it is good practice to sit a similar test (in terms of test literacy), and the ASET results can be sent in later (in mid-May) to demonstrate evidence of academic achievement.

7. If I have already sat the Education Department (ASET Test), do I also need to set the HAST Test?

Yes, everyone needs to sit the HAST Test, so that a fair ranking can take place.

8. Are all applicants invited to sit the HAST Test?

No. Applicants are ranked on the basis of their applications. Points are awarded for the student's school reports and the NAPLAN results, as these are academic indicators. Points allocated are not limited to grades, but also include behaviour, effort and attitude, and involvement in PEAC; plus any recent awards or certificates achieved (evidence must be supplied). The strongest applicants are invited to sit the HAST Test.

9. Can I complete the application form online, but hand in my documents separately at the school?

Yes. All online material is printed off and added to a file for each student application.

10. Will applying for the Carey GATE Scholarship assure a place for my child at Carey, regardless of the result?

No. They need to be successful in being offered a GATE Scholarship as a result of their HAST Test Results + Application. This is when they are offered a place in Year 7. An interview with the Principal is also required and an acceptance of the Scholarship offer within 7 days.

11. If my child has already been interviewed and confirmed for a place in Year 7, does that exclude them for the Scholarship?

No, all applicants are considered.

12. If my child has already been interviewed and confirmed for a place in Year 7, does that favour them for a Scholarship?

No. It comes down to the HAST Test Results + the Application, regardless of their school.

13. Are Carey Year 6 students favoured over external students? Or vice versa?

No. It comes down to the HAST Test Results + the Application, regardless of their school.

14. If my child has already had an enrolment interview for a place at Carey, and they are offered a scholarship, do they need another interview with the Principal?

A Principal's interview is only required for those that haven't had a transition interview and a place confirmed. Parents with a confirmed place only need to submit the accept / decline form.

HAST Selection Test

What is the HAST Test?

- HAST stands for the Higher Ability Selection Test (ACER).
- HAST is an ability test used by many secondary schools to identify academically gifted students for participation in accelerated learning and enhancement programs.
- The HAST Test is similar to the ASET Test used by the Education Department (both are produced by the **Australian Council of Educational Research**). Sample questions are included in the HAST Sample Question Booklet available from ACER.
- The HAST delivers rigorous tests in **four parts: reading comprehension, mathematical reasoning, abstract reasoning and written expression**.
- The HAST is designed to measure innate ability and academic potential unlike curriculum-based tests. The test material is presented in a wide range of contexts and includes some items that are highly verbal, some that require the ability to perceive concepts at an abstract level, others that require the ability to synthesise, extrapolate or make inferences and some that apply logical and strategic thinking to solve a problem. Some sample questions are included on pages 11-13.
- **Testing will take place in four or five classrooms in Building J. Students will enter the rooms at 8.45am.**
- Applicants are invited to bring a drink and snack, as there will be a break between parts 2 and 3.
- Timber Coffee Shop (on site) is open throughout the HAST Test (from 7:00-2:00pm).

Format of the HAST Selective Entrance Test

Test Date and Times: Saturday, 7 May, 2022 commencing at 8.45am.

	Time	Length
Students enter	8:45am	
Part 1: Reading Comprehension	9:00am-9:45am	45 minutes
Part 2: Mathematical Reasoning	9:50am-10:30am	40 minutes
Break	10:35am-10:55am	20 minutes
Part 3: Abstract Reasoning	11:00am-11:30am	30 minutes
Part 4: Written Expression	11:40am-12:05am	25 minutes
Students to be collected	12:10pm	

COVID Arrangements

In the event that a student is unable to sit the HAST test due to sickness, lockdown or a 7 day period of quarantine, a contingency plan will be put in place. If this occurs, please contact Mrs Hardegen at the Curriculum Office at curriculum@carey.wa.edu.au by 9:00am on Friday, 6 May.

The HAST Test will be conducted in 4 or 5 classrooms in Building J at the Harrisdale Campus, with the number of students per room strictly limited. Building J is directly opposite the main car park and signage will direct parents / students to the Test venue. **Students will be required to wear masks.** Social distancing will be observed and sanitiser will be available for student use. Students will enter and exit the building from three entries, and their **seating plan will be on a board outside of Building J** from 8.00am.

Part 1: Reading Comprehension

This section of the test measures how well students understand and interpret a range of texts. The topics are drawn from various subject areas, and may include diagrams, tables, charts or maps.

No special knowledge in the subject area is required. All the information needed to answer the questions is printed on the paper. No Dictionary or Thesaurus is permitted.

This section includes approximately 40 multiple choice questions and it is allocated 45 minutes.

Example

This animal, being a stranger, appears to merit a particular description. The Wom-bat (or, as it is called by the natives of Port Jackson, the Womback) is a squat, thick, short-legged, and rather inactive quadruped, with great appearance of stumpy strength. Its figure and movements, if they do not exactly resemble those of the bear, at least strongly remind one of that animal. Its length, from the tip of the tail to the tip of the nose, is thirty-one inches. Its weight, by hand, is somewhat between twenty-five and thirty pounds ... The neck is thick and short, and greatly restrains the motions of the head, which according to a common expression, looks as if it were stuck upon the shoulders ...

The animal has not any claim to swiftness of foot, as most men could run it down. Its pace is hobbling, or shuffling, something like the awkward gait of a bear. In disposition it is mild and gentle; but it bites hard, and is furious, when provoked. Mr Bass chased one, and with his hands under the belly suddenly lifted him off the ground and laid him upon his back, along his arm, like a child. It made no noise, nor any effort to escape, not even a struggle. Its countenance was placid, and it seemed as contented as if it had been nursed by Mr Bass from its infancy.

Questions 1 – 3 refer to the passage.

1. The wombat described in this passage is
 - A. heavy and lame.
 - B. ill-tempered and swift.
 - C. shy but alert.
 - D. slow but strong.
2. The fact that the writer likens the wombat to a bear most probably suggests that he
 - A. expected his readers to be familiar with a bear's appearance.
 - B. thought the wombat belonged to the bear family.
 - C. wanted his readers to know that the wombat was a large, vicious animal.
 - D. believed the wombat's habits to be the same as a bear's.
3. The passage can be described best as
 - A. a witty discussion.
 - B. an informative account.
 - C. a carefully planned argument.
 - D. a dramatic narrative.

The answers are on page 13.

Part 2: Mathematical Reasoning

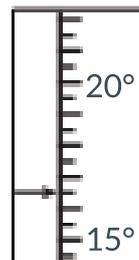
This section of the test attempts to measure Mathematical ability. The material used for questions in this section is selected from a wide variety of sources and may differ from the standard curriculum materials.

This section includes approximately 30 multiple choice questions and it is allocated 40 minutes.

Example

4. The temperature is shown at 6:00 a.m. It is rising 1° every thirty minutes. At this rate, it will reach 20° at

- A. 7:15 a.m.
- B. 7:30 a.m.
- C. 7:45 a.m.
- D. 8:00 a.m.



5. Matt walks 30 metres East, then 70 metres South, then 50 metres West, then 50 metres North. He could return to his starting point by walking
- A. 50 metres East, then 20 metres North.
 - B. 20 metres East.
 - C. 20 metres East, then 50 metres North.
 - D. 20 metres East, then 20 metres North.
6. Fiona wants to record a late-night movie. It begins at 23:20 p.m. and ends at 1:50 a.m. What is the shortest videotape she needs, measured in minutes?
- A. 60 minutes.
 - B. 90 minutes.
 - C. 120 minutes.
 - D. 180 minutes.
7. Five numbered cards were placed face down on a table so that the numbers could not be seen. Two of the numbers were even, three were odd. Three of the cards were picked up, and the sum of the numbers on them was an even number. Of the two cards left on the table:
- A. one must have had an odd number on it and one an even number.
 - B. both cards must have had even numbers on them.
 - C. both cards must have had odd numbers on them.
 - D. the numbers could have been even on both of them or odd on both of them.

The answers are on page 13.

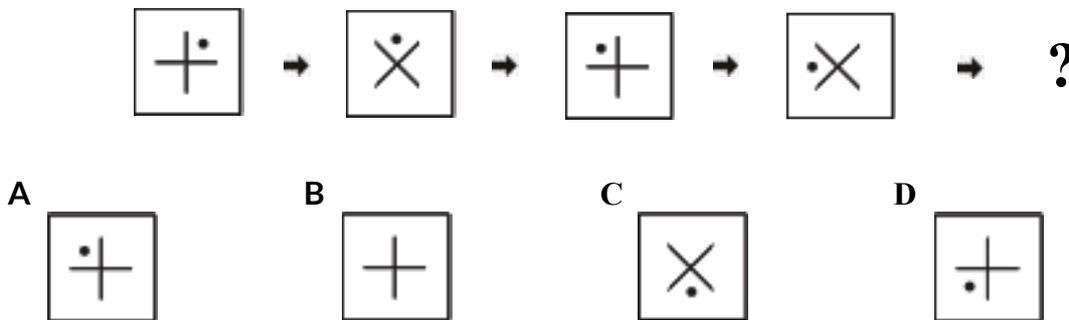
Part 3: Abstract Reasoning

This is a non-verbal section of the test that measures abstract reasoning skills, including the capacity to make sense of complex situations, to draw meaning out of events, and to perceive and think clearly.

This section will ask students to identify and complete various picture sequences and patterns. It includes approximately 30 multiple choice questions and is allocated 30 minutes.

Example

8. In the following item, there are four shapes forming a sequence going from left to right. Choose the alternative (A, B, C or D) which would most logically and simply come next in the sequence from:



Answers: 1D 2A 3B 4C 5D 6D 7A 8D

In the sequence in Q8, the dot rotates anticlockwise, and the cross alternates between two positions. So D is the answer. Alternatively, the whole pattern can be seen rotating 45° anticlockwise, again giving D.

Part 4: Written Expression

This section is concerned with student's ability to express their thoughts in discursive writing. The stimulus that students are given must be the basis of their writing.

This section is allocated 25 minutes.

In assessing this part, markers consider the following issues:

- Thought and content.
- Structure and organisation.
- Expression, style and mechanics.

Example

Use the following as the basis for a piece of writing. Your piece of writing will be judged on what you have to say, how well you organise what you have to say, and how clearly and effectively you express yourself.

The best things in life are free!



FAQ Frequently Asked Questions – The HAST Test

15. If my child is unwell or unable to sit the exam on the day can they re-sit on another day?

Please contact the Curriculum Office by 9:00am on Friday, 6 May. There is a contingency place if this is the case. If the student has flu-like symptoms, keep them at home.

16. Can I get a copy of my child's test to see how they performed?

All test papers are shipped across the country and ACER ranks the candidates and provides us with the results. We do not have access to the test papers and answers.

17. The Education Department provides a performance report showing the four section scores and a TSS (Total Standard Score). Can I get this from Carey as well?

*In the Education Department system, the TSS (Total Standard Score) is the determinant of places offered in the main GATE program. At Carey, there are three different GATE programs, and there are different weightings allocated for each program, plus the points for applications are added. As a result, a TSS is not relevant. However, Carey will email an **ACER Performance Report**, showing comparative data for each candidate (similar to NAPLAN), and a **HSS** (HAST Standardised Score Report). These are sent out at the same time as the Round 1 offers.*

18. Although my child is really bright, they don't do as well on tests. Will this be taken into account?

*Yes it will. However, these GATE programs are **academic selective programs**. To get an invitation to sit the HAST Test, all the application evidence is used to determine the ranking. More than half the points allocated come from the Year 5 report and the NAPLAN results.*

19. If my child is not selected to sit the HAST test, or does not get offered one of the scholarship places, is there any possibility of still participating in one of the three GATE programs?

*The Scholarship winners only form a part of the three GATE programs. **Additional (non-Scholarship) places are also offered to high achieving Carey students to join each of the three GATE classes.** These occur as a result of Year 6 reports; Music audition; strong performance in the HAST or AGAT test on Orientation day; or their talent or high achievement in a particular area. Invitations for these places are sent out during Term 4. A few additional places are also reserved to be offered to high achieving students in Year 7 and 8. These students may:*

- *Have joined Year 6 or 7 after the initial application process;*
- *Have not chosen to participate in the selection process;*
- *Have not scored as highly in the HAST test in Year 6;*
- *Be excelling later in Year 6 or during Year 7 or 8.*

20. Will students sitting the HAST Test receive a Certificate?

***ALL students selected to sit the HAST Test receive a Certificate.** These are sent to each school to be presented to participating students. A **Certificate of High Distinction** is awarded to students achieving Stanine 9 (96th percentile and above); a **Certificate of Distinction** is awarded to students achieving Stanine 8 (90-95th percentile); a **Certificate of Merit** is awarded to students achieving Stanine 7 (77-89th percentile); and a **Certificate of Participation** is sent to the other students who were selected to sit the test. Scholarship winners also receive a **Scholarship Certificate**.*

Scholarships

Round 1 and Round 2 Offers

Round 1 Scholarships, to the value of 75% deduction of academic tuition fees, will be awarded to the successful candidates in a first round of offers. Round 1 Offers will be emailed in the week commencing Monday, 30 May. Acceptance of the scholarship and place in the GATE program is required within 7 days of the offer being made, following:

- An interview with the Principal;
- The return of the completed and signed enrolment documents;
- Payment of enrolment fee (if an external candidate);
- Acceptance of the Terms and Conditions.

Successful candidates will be invited to make an appointment for an interview with the Principal commencing from **Thursday, 2 June**.

If there are vacancies in the scholarship program, Round 2 offers will occur, with scholarships awarded to the value of 50% deduction of academic tuition fees. Successful Round 2 candidates will be informed and invited to make an appointment for an interview with the Principal in the week commencing **Monday, 20 June**.

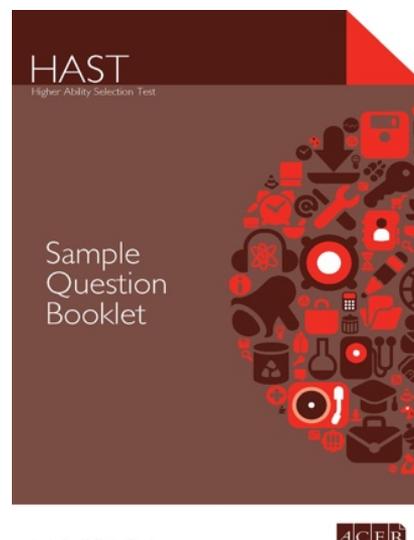
The continuation of the scholarship depends on the student's positive conduct and academic progress (see Terms and Conditions) and the FAQ on page 17.

Scholarships Offered in 2022

Our congratulations go to the recipients of the 2022 Carey Scholarships, who came from the following ten schools:

Bletchley Park PS	Dale CS
Caladenia PS	Harrisdale PS
Canning Vale PS	Hammond Park PS
Carey Baptist College Forrestdale	Ranford PS
Carey Baptist College Harrisdale	Willandra PS

To obtain Sample HAST materials (ACER) visit: www.acer.org/au/hast-secondary



Scholarship Terms and Conditions 2023

***Applications for the GATE Scholarships are only for Year 6 students starting Year 7 in 2023.**

1. To be eligible, the student applicant must be an Australian citizen, permanent resident of Australia or have a temporary visa that would qualify them for citizenship or permanent residency status in the future e.g. Visa 456, and they must be enrolled as a full-time student. GATE scholarships are not available to overseas full-fee paying students or temporary visa holders.
2. The GATE scholarships are based on merit, and the College reserves the right not to offer a scholarship if the standard of the candidate does not warrant it doing so.
3. Late applications or amendments to the application will not be accepted.
4. Applicants who are successfully shortlisted will be invited to attend the HAST test, a music audition and interview. This does not guarantee the offer of a scholarship. The information on the application form, the results of the HAST test and interview are strictly confidential.
5. The College will not enter into a dispute regarding the awarding of the GATE scholarships or invitation to sit the HAST test.
6. Recommended candidates who are not already confirmed to attend the College will be interviewed by the Principal (or delegate) and scholarship offers will be made in writing, subject to normal enrolment conditions.
7. Successful applicants are required to accept the offered place within 7 days of the offer being made. A non-refundable confirmation fee for external applicants of \$250 is payable to accept a scholarship at Carey.
8. There will be two rounds of scholarships offered. All scholarships are provisionally awarded for the balance of the student's education at Carey Harrisdale.
 - First-round scholarship offers will be a 75% deduction of the academic tuition fees.
 - Second-round scholarship offers will be a 50% deduction of the academic tuition fees.
9. Scholarship offers cannot be deferred to future years nor are they transferable. Offers not accepted by the due date stated on the offer will be withdrawn.
10. While a student may apply for more than one type of scholarship, they can only hold one College scholarship at any given time. Any bursary already in place will be cancelled or renegotiated.
11. All candidates, both successful and unsuccessful, will be notified by email.
12. Scholarship winners consent to their names and photographs being used for publicity purposes.

13. Parents and students are informed that it is a condition of a GATE scholarship being awarded that the amount of the scholarship remains confidential between the family and the College.
14. Successful applicants and parents / guardians agree to actively support the College's mission, vision and values and uphold both the Student Code of Conduct and Parent Code of Conduct.
15. Recipients of GATE Scholarships are expected to maintain a high level of academic engagement, attendance and progress. Recipients of the GATE Music Scholarship are expected to study the Music Specialist elective until the end of Year 10, be a member of instrumental / vocal ensembles, and be fully supportive of, and contribute to, the musical life of the College.
16. The College will review all scholarships annually with respect to:
 - Satisfactory compliance with payment of College fees and levies.
 - The recipient maintaining academic and behavioural 'Good Standing'.
 - The recipient maintaining an attendance rate of not less than 90% (unless medical certificates are obtained to cover the period of absences).
 - Participation and service within the Carey Community.
17. All information collected will be treated in accordance with the National Privacy Principles (NPP) contained in the Privacy Act 1998 (Cth) and with the Carey Baptist College Limited Privacy policy.



FAQ Frequently Asked Questions – GATE Scholarships

21. How many Round 1 and Round 2 Scholarships are awarded each year?

The number depends on the quality of applicants and the number of places reserved for scholarship students, which varies from year to year. Round 1 offers are made to the highest achieving students; with Round 2 offers made to those with slightly lower scores. On occasion, there may be a second set of Round 2 offers, if there are any remaining available places.

22. What HAST Test score is needed to be offered a Scholarship?

GATE Scholarship offers are made on a composite score, not just the HAST result. This is different for each of the three programs. As an approximate guide, a HAST standardised score of over 240 was needed to be considered for a Carey GATE Scholarship in 2021.

23. Do students have to reapply for the Scholarships each year?

No; the scholarships carry over for each year the students are enrolled at Carey.

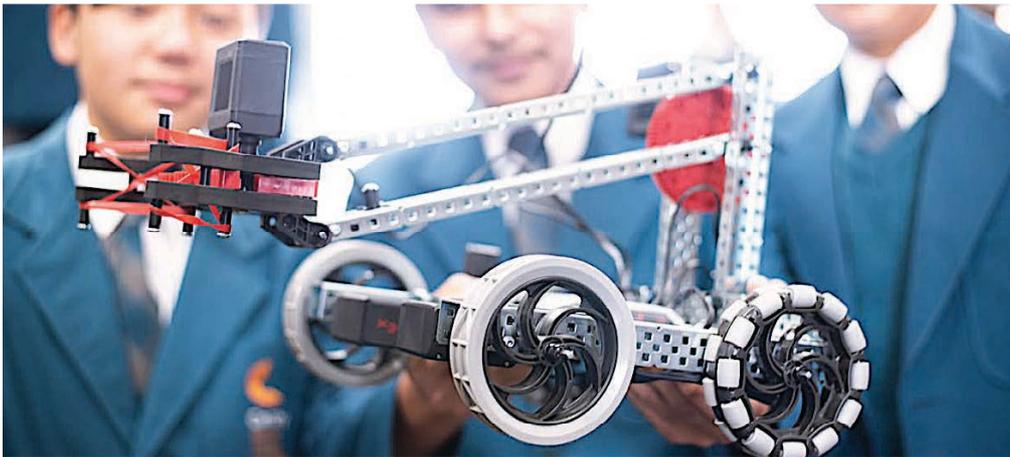
24. Can my child lose their Scholarship?

Yes they can. Scholarships are reviewed annually and a continuation depends on a student's positive conduct, academic progress and their contribution / attendance in the program. In terms of positive conduct, students must retain their 'good standing'. GATE student's academic progress is determined by students achieving a 1.8 GPA (grade point average) in their Semester reports. This can be achieved by a B average in Extension classes + GATE class. If students fall below this level, parents will be sent a letter of concern. This letter gives a minimum of a term's notice in order to give these students time to improve their academic results.

GATE STEM PROGRAM

Program Overview

STEM complements traditional subjects to prepare students for the modern employment landscape changed by globalisation and digital disruption. Carey's GATE STEM program draws on students' interests and knowledge, and provides the opportunity for students to develop 'soft skills' such as collaboration, communications, organisation, and innovation, by working with different students in different contexts.



GATE STEM has a focus on **national and international STEM competitions** broadening horizons, increasing motivation and rigour. The program is developing University and Industry partnerships giving students access to cutting edge ideas and technology.

The GATE STEM program operates across multiple years allowing for the delivery of progressively complex STEM content, within a context of more authentic and engaging real-world projects. STEM is delivered using a 21st Century approach which **focuses on skills in project management, design and problem solving** which will prepare students for the changing workforce of the future.



The GATE STEM Program is developed by teachers with industry experience:

- **Mr D. Braithwaite - Head of Science, Qualified Mechanical Engineer.**
- **Mr G. Choo - Director of STEM, Qualified Electrical and Computer Engineer.**

Specific questions on the GATE STEM program can be directed to either of these staff members.

GATE STEM PROGRAM

GATE STEM Program Details

The STEM program includes a selection from the following:

- **Science Competitions**
 - Junior Young Physicists Tournament.
 - Science Talent Search.
 - Big Science Challenge.
 - Olympiads.
 - Science and Engineering Challenge.
- **Technology and Engineering**
 - Da Vinci Decathlon Challenges.
 - TOMs STEM Challenges.
 - VEX Robotics.
 - Solar Car Challenge.
 - F1 in schools.
 - Block Coding.
 - Python Coding.
- **Maths**
 - Maths Olympiads.
 - WA Maths Problem Solving Program, in collaboration with MAWA (Maths Association of WA).
 - Year 7 and 8 Euler and Newton Programs taught in-house.
 - AMT Maths Challenge.



Carey Park Baptist College director of STEM Gideon Choo with physics students Geo Vazhalanickal, Lianna Paisley and Owen Yandell. Photograph — Aaron Van Rongen.

Young physicists lead the way

By LIAM DUCEY

Two Carey Baptist College students may headed to Romania after helping the college achieve second place in the International Young Physicists Tournament Australia Challenge held last week.

The team consisted of year 11 students Geo Vazhalanickal, Lianna Paisley and year 10 student Owen Yandell.

The tournament included schools from across Australia and was held online from December 6 to 7.

The Carey team was coached by Carey Baptist College director of STEM Gideon Choo who said the students per-

formed with distinction in the cutting-edge competition.

"In a process that closely resembles actual research, our team was given the problems a few months in advance," he said. "They trialled different experimental set-ups and closely analysed the data recorded."

"They then engaged in real-time debates with their opponents who had studied the same problem from their own perspective."

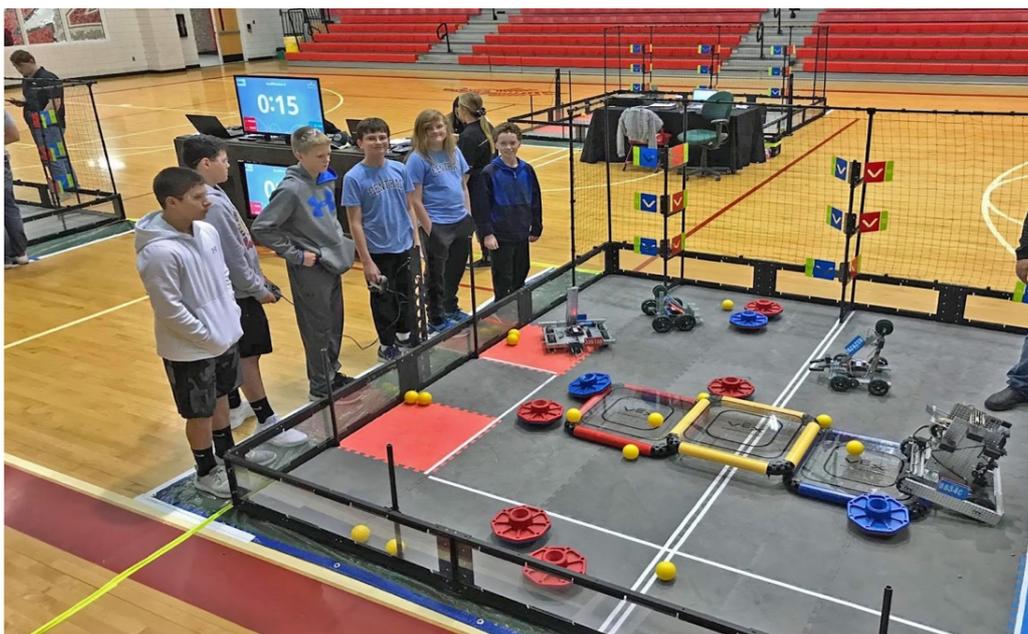
"Both the presenter and the opponent were judged by teachers based on their ability to critique the concepts involved. They were quite complex problems, as an example

one of the problems was an examination of an invisibility lens that makes objects invisible, and there are so many layers to that from a scientific point of view.

"There was a lot of time spent in the lab, lots of research and it is great for their future because it closely resembled the work you have to do at a university from an academic stand point."

Geo Vazhalanickal and Lianna Paisley have been invited to form part of the Australian National Training Squad for the International Young Physicists Tournament (IYPT) which will be held in Romania in 2022.

VEX Robotics Competitions



Recent Developments

- **Junior Young Physicists Tournament**

Students compete with Interstate and NZ schools. They study open-ended questions and engage in real-time debates. Questions include:

- Hovercraft – investigation of the time of flight of a home-made hovercraft.
- Flying Colours – investigation of the airflow pattern around a fluttering flag.

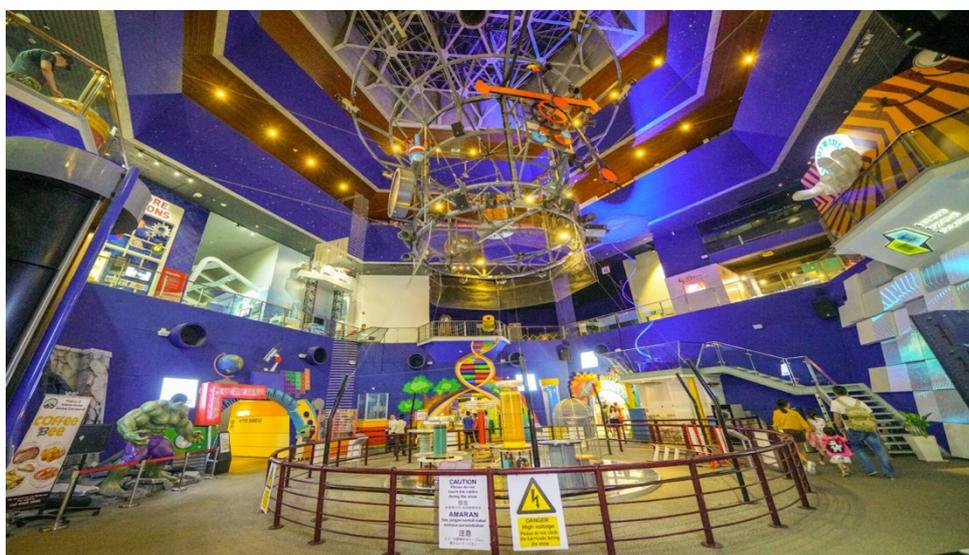
Older students take part in the Australian Young Physicists Tournament. In 2021, Carey was second nationally with two students invited to the National Training Squad.

GATE STEM Future Developments

2023 GATE STEM International Study Trip to Singapore

- Proposed Date: Week 1 of July holidays, 2023 (subject to travel availability).
- Draft Itinerary:
 - Visit to Universities, NUS / NTU, High Schools.
 - Science Centre Singapore.
 - Singapore Art Science Museum.
 - ONEWater Visitor Centre.
 - Hiverlab, Fusionworld.
 - Singapore Night Zoo Safari.
 - Universal Studios / Sentosa.

Science Centre, Singapore



GATE STEM – What the students say

- *'The thing I enjoy most about GATE STEM is that we are in an environment where we can create and design. I love that we get to use knowledge of Science, Technology, Engineering and Maths to create solar cars, Science investigations and code for robots. This knowledge will help us out of school as well, as STEM is needed more and more in our developing world' (OR).*
- *'I really like creating and learning about topics we don't normally learn in other classes, and performing these tasks with friends makes it even more enjoyable' (RS).*

GATE MUSIC SPECIALIST PROGRAM

GATE Music Specialist Audition

- The GATE Music Specialist audition date is **Saturday, 14 May (8:30-5:00pm), 2022.**
- Candidates will be emailed with the times for their auditions. These will take place in the Music Room (MU 6) on the first floor of Building M. There are adjacent warm up rooms provided for students, and a waiting room for parents.
- Candidates should arrive 30 minutes prior to their audition and be prepared at the designated time.
- For candidates shortlisted, **each audition should take about 20 minutes.**
- Timber Coffee Shop (on site) is open for parents from 7:00-2:00pm on weekends.



Each candidate is required to present:

1. Two contrasting pieces of the candidates own choice.
2. Sight-reading.
3. Aural test.
4. Interview with the audition panel.

Shortlisted applicants are welcome to provide their own accompanist at their expense.

GATE Music Specialist Program Expectations

Students will:

- Receive weekly individual lessons (Carey or external tutors – paid by parents);
- Maintain a high level of achievement in their chosen field of music study;
- Select the classroom Music Specialist elective at least until the end of Year 10;
- Be a member of instrumental / vocal ensembles;
- Be fully supportive of, and contribute to, the musical life of the College;
- Scholarship recipients will be reviewed annually.



The GATE Music Specialist Experience

Music Specialist students will experience a vast range of opportunities in the Music program, combined with excellent facilities and highly credentialed teachers and Music tutors. Please note that **not all the ensembles listed below run every year**. Features of the Music Specialist program are:

- 2 sessions of Music per week in Year 7 and Year 8 (combining performance, theory, aural skills and music technology).
- Co-curricular ensembles.
- Performance opportunities.
- Close links to
 - WAAPA;
 - UWA School of Music;
 - James Morrison Academy.
- Wind Orchestra.
- Big Band.
- Intermediate Big Band.
- Small Jazz Combo(s).
- Flute Choir.
- Brass Ensemble.
- Choir.
- Vocal Ensemble.
- Contemporary Ensembles.
- Musical Pit Orchestra.
- Praise and Worship Ensemble.
- Percussion Ensemble.
- Practice rooms, small ensemble rooms.
- Excellent facilities – Yamaha C6 Grand piano and Yamaha sound equipment.
- Music technology – Mac lab, Mini recording studio.
- Nationally renowned music tutors.
- Music Camp, Ensemble Concert, Anzac Day March, Recital nights, Music Tours.



GATE Music Specialist – What the students say

- ‘Music Specialist is an opportunity to have extra guidance and more times to play music at school. You can be a part of many bands and extra-curricular activities’ (RB).
- ‘An amazing program – we learn new concepts in music, perform in band and practice new songs as a class’ (DG).



FAQ Frequently Asked Questions – GATE Music Specialist

25. If my child is applying for the GATE Music Scholarship, will they still need to sit the HAST Test?

Yes. The mark they receive is a composite of the HAST Test and the Music Audition (50% for each part). This is used to offer the Music Specialist places.

26. Can my child apply for the GATE Music Scholarship with Voice (Singing) as their instrument?

Yes, they can.

27. If my child selects GATE Music Specialist as one of their three choices, will they automatically get a Music Audition?

Not necessarily. The GATE Committee looks at the student’s experience, AMEB level and instrument played, and offers an audition on the basis of these. **A minimum of AMEB Grade 2 (or similar) is recommended.**

Generally the first preference listed on the application is considered more highly than second and third preferences. It would be unusual for a student to be offered a Music audition if it was ranked as their third preference.

GATE ACADEMIC EXCELLENCE PROGRAM

Program Overview

The Academic Excellence Program provides opportunities for students to excel in an extracurricular group context through a progression of varied and engaging activities. Students engage in a variety of extracurricular competitions and challenges that will foster their teamwork skills, as well as their own critical thinking skills, through rewarding and enjoyable tasks that will extend them.

The Academic Excellence Program involves a withdrawal session for the Year 7 and Year 8 Academic Excellence students (during one of the two Homework sessions). Year 7 and 8 students will also join together after school once per week to work together as a combined group. This will provide a unique opportunity for older students to be working with younger ones to **develop leadership, critical thinking and teamwork skills. This will take place on Monday afternoons from 3.30 to 4.30pm** and will commence on Week 2 of Term 1.

The tasks chosen in the program will:

- Build rapport between students.
- Foster critical thinking and rhetorical skills.
- Give students experience in extracurricular education.
- Give students breadth and depth in their understanding of cross curriculum concepts.
- Integrate English and Humanities skills in real world contexts and engage students in competitions that will enhance their research, analytical, writing and reasoning skills.

The 2022 program includes:

- Term 1 – Debating and Oratory Skills.
- Term 2 – Inter-school Debating and Writing Workshops.
- Term 3 – ‘Book in a Day’ and an Introduction to Philosophy.
- Term 4 – ‘Ethics Olympiad’ and Cross-school Challenges.



GATE Academic Excellence – What the students say

- *‘Academic Excellence provides an amazing chance to develop your English, HASS and Arts skills. Debating helps you to become diplomatic and teaches you how to argue many points in an orderly and detailed fashion. The ‘Write a Book in a Day’ challenge has helped us write creatively under pressure and work as a team’ (JM).*
- *‘Carey’s Academic Excellence program has been an amazing opportunity, helping us discover new skills and experience new ways of learning’ (AP).*