National Mathematics Summer School Information for Tasmanian Applicants

The National Mathematics Summer School (NMSS) is run by the Australian Association of Mathematics Teachers (AAMT) and the Australian National University (ANU) and takes place in January each year. Approximately 64 students from across Australia will be invited to attend the NMSS.
These students have completed Year 11, are highly interested in mathematical problem solving and have achieved excellent results in the mathematics subjects, competitions and programs that they have participated in.

The NMSS aims to foster greater problem solving skills in students and, as such, involves discussion, creativity and communication. Students will form strong bonds with others who attend, sharing accommodation and meals with students from across Australia. They will tackle difficult mathematical problems – there will be an emphasis on persisting with problems and forming sound mathematical arguments.

The selection process for Tasmanian students is managed by the Mathematical Association of Tasmania (MAT). MAT will recommend a shortlist of Tasmanian candidates to the NMSS. Tasmania will have representation proportional to our population at the NMSS and therefore the shortlist will be small – students who apply for the NMSS should be proud of the progress they have made in Mathematics and the honour of being nominated, regardless of whether or not their application is accepted.

Students (and their nominating teacher) will receive email acknowledgement of their application within 48 hours of MAT receiving it. If a student has not been shortlisted, NMSS will notify the student as soon as this is known. Students who have been shortlisted and who have been invited to attend the NMSS will receive an invitation from the Director of the NMSS. Schools will be informed of the outcome of each student's application by MAT.

It is expected that Year 11 students applying to attend the NMSS will be studying Mathematics Methods Foundation 3 or Mathematics Methods 4 or equivalent, with the intention to study Mathematics Specialised 4 or equivalent (and/or Mathematics Methods 4, if not already completed) in Year 12. Students should also be aware that they will need to cover the cost to attend the NMSS ($1300 per student in 2024); successful applicants are eligible to receive a bursary of up to $500 from MAT, should financial assistance be required. Further, Leon Poladian Scholarships are available to students unable to attend the NMSS without further assistance. Information regarding how to apply for this scholarship is on the Student Application Form.

Applications will be ranked on the following:
- The student's academic achievement (including in Mathematics subjects, competitions, extension programs, etc.)
- The student's engagement with Mathematics, specifically problem solving
- The student's ability to handle the complexity of the problems that will be presented at the NMSS

Information will be gathered from the Student Application Form and the School Nomination Form.
Further information or clarification may also be sought from the school, nominating teacher or student (via email), if required.
Student Application Forms and School Nomination Forms are to be emailed to MAT (kathybunton@bigpond.com) by 4pm on Thursday 31 August.
It is highly recommended that you also visit the NMSS website https://nmss.edu.au/
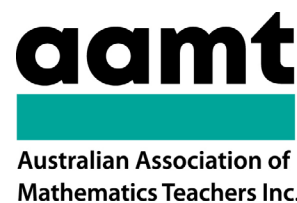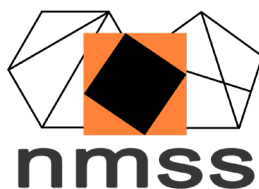
ANU-AAMT National Mathematics Summer School
January 2025
SCHOOL APPLICATION FORM

The ANU-AAMT National Mathematics Summer School (NMSS) is the oldest and most prestigious program of its type in Australia. It has been academically sponsored by the Australian National University and the Australian Association of Mathematics Teachers since being founded by Professor Larry Blakers AM in 1969. The NMSS aims to discover and develop the mathematical talent of high-achieving school students from all over the country. Participation is normally limited to approximately 75 students who have completed their Year 11 studies. Please fill out all form entries below and submit your nomination(s) by 31 August 2024.

Nomination details

Student name

School name

Teacher name

Teacher email

Teacher phone

If multiple students are applying from your school, provide a student nomination ranking:

The nominated student achieves excellent results in Mathematics.

Strongly agree	Agree	Neutral	Disagree	Strongly disagree

Comments

The nominated student persists with mathematical problems.

Strongly agree	Agree	Neutral	Disagree	Strongly disagree

Comments

The student shows enthusiasm and creativity towards solving mathematical problems.

Strongly agree	Agree	Neutral	Disagree	Strongly disagree

Comments

The student seeks out additional mathematical resources out of curiosity or interest.

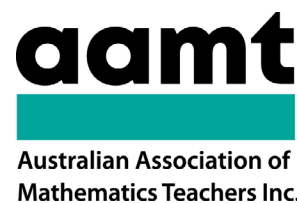| Strongly agree	Agree	Neutral	Disagree	Strongly disagree

Comments

Applications close 31 August 2024   **www.nmss.edu.au**

ANU-AAMT National Mathematics Summer School
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SCHOOL APPLICATION FORM

The nominated student is capable and willing to socialise and work with others.

Strongly agree	Agree	Neutral	Disagree	Strongly disagree

Comments

The nominated student would thrive in a two-week residential program.

Strongly agree	Agree	Neutral	Disagree	Strongly disagree

Comments

The nominated student would benefit from mathematical challenge.

Strongly agree	Agree	Neutral	Disagree	Strongly disagree

Comments

The nominated student would act as an excellent ambassador for mathematics.

Strongly agree	Agree	Neutral	Disagree	Strongly disagree

Comments

Please outline why this student would benefit greatly from attending the National Maths Summer School.

ANU-AAMT National Mathematics Summer School
January 2025
SCHOOL APPLICATION FORM
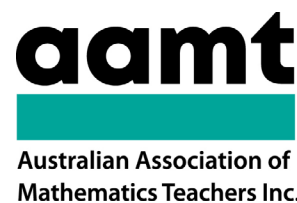
Declaration

I declare that:

I have visited the National Mathematics Summer School website (www.nmss.edu.au) and shown it to the nominated student, and we have discussed what the program offers.

I understand that the mathematical association administering applications in this state may contact the school. This application form may also be forwarded to organisers of the NMSS.

I understand that some states may require me to administer an entrance assessment.

I understand that this application does not guarantee selection for the NMSS and have discussed this with the nominated student.

Teacher name:

Signature:

Date:

Head of Mathematics
or Principal name:

Signature:

Date:

Submission

- This form must be sent to your own state or territory selector by email. Please visit www.nmss.edu.au/apply to locate the email address for your state/territory selector. You should receive confirmation that your application has been received from your state selector.
- Please ensure that the nominated student has completed the Student Nomination Form.
- You may wish to ask your school if there is any financial assistance available to students selected for NMSS; successful applicants may be eligible for either state-based, or national bursaries should financial assistance be required.
- If the nominated student is selected to attend the National Mathematics Summer School, the Director (of the NMSS) will contact the student via email.
- Nominations are due by 31 August 2024. Late nominations will not be considered.

ANU-AAMT National Mathematics Summer School
January 2024
STUDENT APPLICATION FORM

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Student details

First name

Last name

Street address

Suburb

State

Postcode

Date of birth

Gender

Phone

Email

In which year do you expect to complete your high school studies?

Students who are not completing their high school studies in 2024 should send an email to admin@nmss.edu.au to discuss their eligibility for NMSS 2025.

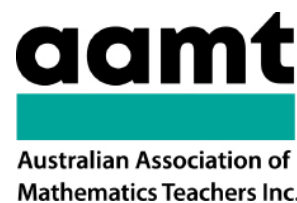**School details**

School name

Street address

Suburb

State

Postcode

ANU-AAMT National Mathematics Summer School
January 2024
STUDENT APPLICATION FORM

Mathematics studies

Please list all Mathematics subjects studied or intended to study in each of the following years. Include your subject **results** where applicable.
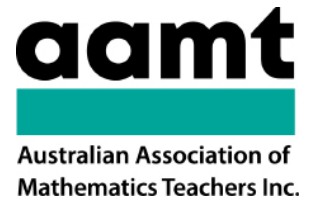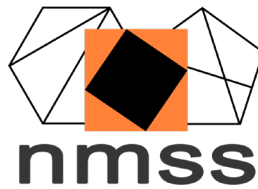
2023 subjects

2024 subjects

2025 subjects

Mathematics enrichment and competitions

Please list any Mathematics enrichment activities or mathematics competitions that you have participated in within the last three years. For each, include the **year(s)** you participated and provide a very brief **description** and the **result**, if applicable.

ANU-AAMT National Mathematics Summer School
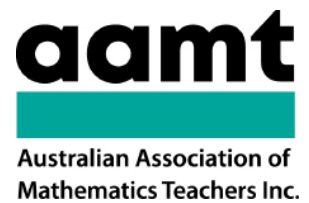**January 2024**
STUDENT APPLICATION FORM

Other mathematical engagement

Please list any other mathematical engagement you have been involved within the last three years. This could include informal study, such as reading books or articles or viewing videos. For each, provide a brief **description** as to the nature of the study/event and the **result**, if applicable.

Please explain why you would like to attend the National Mathematics Summer School and how you think you would benefit from attending.

ANU-AAMT National Mathematics Summer School
January 2024
STUDENT APPLICATION FORM

Declaration

I declare that:

I have visited the National Mathematics Summer School website (www.nmss.edu.au) and understand what the program offers.

I have shown my completed application form to my mathematics teacher and asked them to complete the School Nomination Form on my behalf.

I am aware that I will be asked for a contribution of $2000 that covers travel, meals and accommodation for the school.

I understand that the mathematical association in my state or territory manages NMSS applications and may seek further information from my school. This application form may also be forwarded to the organisers of the NMSS.

I am aware that my state or territory may administer further entrance assessment.

I understand that this application does not guarantee selection for the NMSS.

I understand that, should my application be successful, I may be asked to report back to my state selectors about my experience, in order to promote the NMSS.

Student signature:

Date:

This form must be sent to your state or territory selector by email. Visit www.nmss.edu.au/apply to locate the email address for your state/territory selector. You should receive confirmation that your application has been received from your state selector. Please ensure that your mathematics teacher has completed and submitted the School Nomination Form.

Financial assistance

The requested financial contribution per student covers less than the operating costs for the school, which is possible due to various benefactors and sponsors. We hope that the cost is not prohibitively expensive, but if it is, we encourage students to seek financial support from their school or other organisations. The Leon Poladian Scholarships are available to students who are highly meritorious but unable to attend the NMSS without further assistance. To apply for such a scholarship, please email the NMSS Director at director@nmss.edu.au and tick the box below.

I would like to be considered for the Leon Poladian Scholarship and have emailed the NMSS Director.

Applications close 31 August 2024   **www.nmss.edu.au**