



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 70 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, MAT will notify schools 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 late in Term 4.

It is expected that Year 11 students applying to attend the NMSS will be studying Mathematics Methods Foundation 3 or Mathematics Methods 4, with the intention to study Mathematics Specialised 4 (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 (**\$1100 per student in 2018**); successful applicants are eligible to receive a bursary of **up to \$500 from MAT**, should financial assistance be required.

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 Nomination Form and the School Nomination Form. Further information may also be sought from the school, nominating teacher or student (via email), if required. Student Nomination Forms and School Nomination Forms are due to MAT by 3pm on Monday 30th July. Please email Mrs. Emily Peterson for further information (emily.peterson@education.tas.gov.au).