



THE UNIVERSITY OF
MELBOURNE

School of Mathematics
and Statistics

2021 RESEARCH COMPETITION

BE A MATHEMATICIAN

Work in a team, or on your own, to research into a given project.
Unleash your creativity and your problem solving skills!



2021 RESEARCH COMPETITION

The School of Mathematics and Statistics Research Competition provides students with the opportunity to understand what it means to do mathematics. The students will be given a set of eight open-ended questions from which they choose one.

They can then use some of the methods used by mathematical researchers to investigate their problem; they can gather data, simplify, visualise, hypothesize, conjecture and prove. The aim of the competition is to allow students to use their creativity and problem-solving skills to make choices about how best to ask and answer questions about their chosen project. Students can compete individually, or they can compete as a team in order to foster a positive environment, giving them the opportunity to reason and work collaboratively.

**OPEN TO ALL AUSTRALIAN SCHOOL
STUDENTS IN YEARS 5 TO 12**

For more information contact:
ms-outreach@ms.unimelb.edu.au



TEAMS

- Can be made up of 1, 2 or 3 students
- Choose one of the eight projects to work on
- Investigate, collaborate, hypothesise and prove
- Write up their results in a report or visual display
- Submit their completed research by 16 July 2021

WIN UP TO \$1500

PRIZES

TOP SENIOR TEAM (YEARS 10 -12) \$1500

TOP INTERMEDIATE TEAM (YEARS 7 -9) \$1500

TOP JUNIOR TEAM (YEARS 5 - 6) \$1500

NINE RUNNER UP TEAMS \$600



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