



# Maths Talent Quest 2011

## Student information

- The Maths Talent Quest is an open-ended mathematical project with your choice of topic.
- You should aim to interest your audience and remember to choose an original and novel concept.
- Think about how you are going to gain information, collect data and analyse results.
- You can work as an individual, a member of a group (up to six students) or as part of a class.
- Your project must have a title and all assistance (including teachers and any parental) and references must be acknowledged.

### What type of project can you choose?

Projects can be	And all projects must include
An <b>investigation</b>	An abstract (a brief description of what you did and what you achieved); mathematical aims; observations and results; discussion on relevance of results; conclusion; references, bibliography and acknowledgements.
<b>Creative writing</b> (essay, story, collections of poems or letters, script for a play)	Mathematical aims; a list of key mathematical ideas; an evaluation (how well did you achieve your aim?); references, bibliography and acknowledgements.
A <b>model</b> (static or working) that reinforces or demonstrates a mathematical principle	Notes outlining mathematical aims, rules, the process of the investigation and conclusions; references, bibliography and acknowledgements. Models must not exceed 10kg or be larger than 70cm x 70cm x 70cm.
A <b>poster</b> presenting information in a sequence with a clear indication of the mathematics involved	Notes outlining mathematical aims, rules, the process of the investigation and conclusions; references, bibliography and acknowledgements. Poster dimensions must be no larger than a standard A1 sheet (approx 60cm x 85cm) and must be able to be rolled into a Postpak cylinder.
A <b>computer program, website, video, audio or multimedia presentation</b>	Notes outlining mathematical aims, rules, the process of the investigation and conclusions; references, bibliography and acknowledgements; script and indexed commentary; operating instructions. Maximum running time is 15 minutes. Videos should be in DVD format. Computer programs must be submitted in Windows and Mac formats. Must not require any installation of software. Programs must be accompanied by a hard copy.

### How are we going to judge your project?

There are eleven judging criteria that are divided into four categories. Make sure you consult the 2011 State Judging Rubric for information about the criteria.

You can find more information about the Maths Talent Quest at [www.mav.vic.edu.au/activities/student-activities/maths-talent-quest.html](http://www.mav.vic.edu.au/activities/student-activities/maths-talent-quest.html)