

What need to know for the 2020 QAMT Maths Quiz

Warning: there is overlap between some of the questions on the 5/6 and 7/8 quiz papers – if you are running quiz sessions for both age groups, please make sure students from the different groups are not able to access or watch the quizzes from the other age-group.

What should student competitors bring to the quiz ...

- A couple of pencils, a pen, a ruler, eraser, and a non-programmable calculator
- If they are wearing watches or other timing devices they should be removed or covered for Session 1
- Some bottled water (to drink if thirsty) unless a short break is planned during the quiz

To run the quiz this year (2020) you will need ...

- A time slot to run the quiz of at least an hour; 90 minutes would be more than comfortable. If you can't get this time in one slot, you could run the quiz in two sections over a couple of days (e.g. 2 x 40 minute lessons)
- A room/space which is a comfortable fit for the number of teams attending. Teams should be seated in tables of three, taking care to meet any social distancing or Covid-safe requirements specified by the school.
- For 2020, no breakout rooms are required – the quiz is run in the one location
- At least one helper (marker/scorer) and compere (the person running the quiz); you will need additional helpers for larger competitions (Suggestion: at least one helper to every three or four teams)
- A data projector/large screen TV and a computer able to run Microsoft powerpoint (file in .pptx format). If you are not familiar with the quiz, it would be a good idea to run through the PowerPoint slide show to familiarise yourself with the quiz and how the powerpoint works.
- A few spare calculators, and pencils for students who lose/break or have forgotten to bring their own
- Paper for students to work on (can be recycled one-side blank – about 4 sheets per team) and answer questions. If you ask the students/teams to take each answer to the marker for Sessions 1, 4, and 5, you will need quite a few slips - they'll need 13 answer slips per team (answers to Sessions 2 and 3 are on prepared pages – see below). An answer sheet for a question does not need to be large – 1/3rd of an A4 sheet is more than sufficient (A4 guillotined) – remember to get every team to write their team name and question number on each sheet (should be done at the start of each question ...).
- Duplicated copies of the following materials:
 - 'Person by Screen' picture (*attached to this email*); you'll need 1 copy for each team plus a couple of spares
 - 'Gaggle of Teachers' picture (*attached to this email*); you'll need 1 copy for each team plus a couple of spares)
 - Session 2 (Speed) - competitors question and response (*arriving later with the quiz files*)
 - Session 2 (Speed) - marking sheet for scorer(s) (*arriving later with the quiz files*)
 - Session 3 (Word problems) - competitors question and response sheet (*arriving later with the quiz files*)
 - Session 3 (Word problems) - marking sheet for scorer(s) (*arriving later with the quiz files*)

Scoring

Because schools are working with their own students, there's no need for the transparency of the scoring system required when competing with other schools. We suggest that after teams have held up their answers on paper at the end of each question (Sessions 1, 5, and 6), they take the answer to the scorer who will mark and record the marks for the team on paper (perhaps a separate sheet for each team. The

scorer/recorder should retain the answer sheet so that there's no opportunity for teams to alter their answers. Since this process runs in parallel with the quiz, scores can be given at the end of each round. For Sessions 2 and 3, where team sheets are taken in at the end of each Session, we suggest that marking for Session 2 goes on while students are working on Session 3 (scores for Session 2 would then be announced at the end of Session 3). If time, there could be a short break after Session 3 for students to get a drink or use the toilets while Session 3 is marked. Marking for both Sessions 2 and 3 is quite efficient since student answers are on printed forms and are either right or wrong. If you are running the quiz over two non-consecutive lessons (perhaps on different days) breaking the Quiz after Session 3 would work best. If you are running a Quiz with several schools and teams competing, and would prefer to use the electronic score sheets, please let us know by return email (**or** use the electronic scoresheets from last year if you ran the quiz then).

After the Quiz

After the quiz, we would like you to send in the scores of your top two teams so that we can organise and callibrate the second round of the competition (in normal years this would be a 'Regional' Round). We are asking for the **Session scores and total score** for each of your top two teams but if you want to submit scores for only one team, that's fine. Please send your scores to gamt@gamt.qld.edu.au (cc: pcoop3@gmail.com) with the subject line 'Quiz Scores'.

The Second or Regional Round of the quiz (in the second half of this term) will also be run in schools. The top teams identified from round 2 will be invited to compete in a 'State Finals' Session which will be run online. There will be a maximum of 20 teams for the finals this year.

Composition of the teams

For the 5/6 Quiz, team members should be enrolled in the school in either year 5 or year 6, and be in the appropriate age range. Each team entered in the competition must have at least one year 5 student in the team.

For the 7/8 Quiz, team members should be enrolled in the school in either year 7 or year 8, and be in the appropriate age range. Each team entered in the competition must have at least one year 7 student in the team.

If a school is offered a place in either the Regional or Finals round of the quiz, the students competing in the team may be changed between Rounds (not during rounds) if students from the original teams are unavailable, or do not wish to take part.

Questions or more information?

Scan through the other files attached to this email – there are FAQs and other information which may help. Otherwise, contact Gaynor in the QAMT Office (email preferred - office staff rotate hours and are working from home - gamt@gamt.qld.edu.au). For immediate response if necessary, please sms or phone 0416159375.

Have fun with the quiz!

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