

# Queensland Association of Mathematics Teachers Capricornia Branch

21 February, 2024

Dear Principal,

## **RE: Years 7 to 12 QAMT Maths Teams Challenge**

The Capricornia Branch of the QAMT is conducting the 35th Annual Years 7 to 10 and 9th Annual Years 11 & 12 Maths Teams Challenge for students from Year 7 to Year 12.

The **Years 7 & 8** challenge is on **Thursday, 2 May, 2024**.

The **Years 9 to 12** challenge is on **Friday, 3 May, 2024**.

All challenges are at the **Glenmore State High School Mike Maher Sports Hall**.

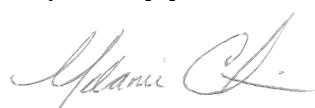
Please forward this email to the Maths HOD or Maths Coordinator in your school. It is hoped that schools will start considering team selection as soon as possible, as much of the value of the competition is gained before the students actually compete.

We look forward to your school participating this year. We are excited to announce that the Year 11 & 12 Challenge will include questions from Essential Mathematics, General Mathematics, or Mathematical Methods.

Please read the accompanying information sheet for more details.

If you have any queries, please contact Melanie Chin ([melanie.chin@brisbanegrammar.com](mailto:melanie.chin@brisbanegrammar.com)).

Respectfully yours,



Melanie Chin  
Secretary  
QAMT Capricornia Branch

# Queensland Association of Mathematics Teachers Capricornia Branch

21 February, 2024

Dear Maths Head of Department,

## **RE: The 35th Annual Years 7 to 10 and 9th Annual Years 11 & 12 QAMT Maths Teams Challenge**

The Capricornia Branch of the QAMT is again conducting the annual Maths Teams Challenge for students from Year 7 to Year 12.

The **Years 7 & 8** challenge is on **Thursday, 2 May, 2024**. The Year 7 and Year 8 teams will compete in the afternoon following the Years 5 & 6 Maths Teams Challenge.

The **Years 9 to 12** challenge is on **Friday, 3 May, 2024**. The Year 9 and Year 10 teams will compete in the morning. The Year 11 and Year 12 teams will compete in the afternoon.

All challenges are at the **Glenmore State High School Mike Maher Sports Hall**.

We are looking forward to your school competing this year. We are excited to announce that the Year 11 & 12 Challenge will include questions from Essential Mathematics, General Mathematics, or Mathematical Methods.

Schools may enter up to **three** teams in each year level. The registration fee is \$35 per team for all year levels with a \$10 discount if paid by Wednesday, 27 March, 2024. No refunds are made for registered teams who do not attend. No additional teams may attend who are not registered.

Payment is required in advance using the online registration system. No refunds are made for registered teams who do not attend. No additional teams may attend who are not registered.

The final due date for registration is **Wednesday, 17 April, 2024**. We would appreciate it if you could meet this deadline as late registrations make it difficult to finalise organisational details.

If you have any queries, please contact Melanie Chin ([melanie.chin@brisbanegrammar.com](mailto:melanie.chin@brisbanegrammar.com)).

Respectfully yours,



Melanie Chin  
Secretary  
QAMT Capricornia Branch

**Queensland Association of Mathematics Teachers  
Capricornia Branch**

***Annual Years 7 to 12***  
***MATHS TEAMS CHALLENGE***

**AIMS**

The students will:

- advance their interest in creative problem solving
- acquire problem solving skills and processes
- develop teamwork skills
- be highly involved in a day of intellectual fun in a scholarly atmosphere.

**MATHS TEAMS CHALLENGE FORMAT**

The competition will consist of five events:

Individual Event	Each student will individually complete a set of questions in a short amount of time without a calculator. This focuses on using mental maths quickly.
Relay Event	Students from the same school work in pairs and rotate around as they solve questions. There are 20 relay questions & 5 mega team questions to be answered during a 30-minute time period.
Teams Event	Teams will consist of 5 students, each from a different school. The teams will be randomly chosen. Each team will have 30 minutes to answer 12 questions.
Estimation Event	During the teams event, students will be asked an estimation question. Each team will have a few minutes to confer and furnish their best guess.
Shoot-out Event	Students will compete individually until only one student from each year level is left.

**MATHSPACE CHECK-IN CHAMPIONS COMPETITION**

Mathspace is pleased to support the QAMT Capricornia Maths Teams Challenge again in 2024 to help students prepare for the individual round of the competition. All students involved in the Maths Teams Challenge can participate, whether they currently have a Mathspace account or not. More detailed information about this part of the challenge will be emailed to schools upon registration.

## TEAMS

Event : Years 7 & 8 and Years 9 & 10 Maths Teams Challenge

Teams consist of 5 students in the appropriate year level. Schools may send up to **three** teams in each year level. Small schools may enter one team of mixed year levels in each challenge. Mixed teams compete against the teams in the year level of the oldest team member.

Event : Years 11 & 12 Maths Teams Challenge

We are excited to announce that the Year 11 & 12 Challenge will include questions from Essential Mathematics, General Mathematics, or Mathematical Methods. So the teams must have 5 students *of mixed year levels* in the appropriate syllabus – Essential Mathematics, General Mathematics, or Mathematical Methods. Schools may send up to **three** teams in each syllabus where *at least two team members* must be in Year 11.

## SUPERVISORS

One school staff member or senior student **MUST** accompany EACH team. This need not be a teacher but must be a staff member from your school. No parents are allowed at the venue this year. Any senior students should be Year 10 or older. They will assist as a Supervisor in both the Relay and the Teams events. This person is not required to know any particular mathematical knowledge but needs to be able to follow simple instructions given to them. If a team doesn't have a supervisor, the team may be unable to compete in the competition. Adult supervisors will be provided light refreshments. Senior student supervisors will need to bring their own. During the Teams event, the supervisors will also be able to participate individually. Supervisors interested in doing so will need to bring a calculator and a pen or pencil.

## DATE & TIME

Event : Years 7 & 8 Maths Teams Challenge

Date : Thursday, 2 May, 2024

Time : 12:20 pm to 2:30 pm

Event : Years 9 to 12 Maths Teams Challenge

Date : Friday, 3 May, 2024

Time : Years 9 & 10 – 9:00 am to 11:30 am

Years 11 & 12 – 12:20 pm to 2:30 pm

Please have your teams at the hall 20 minutes before the competition starts.

## VENUE

Glenmore State High School

Mike Maher Sports Hall

Farm Street, North Rockhampton

## MATERIALS

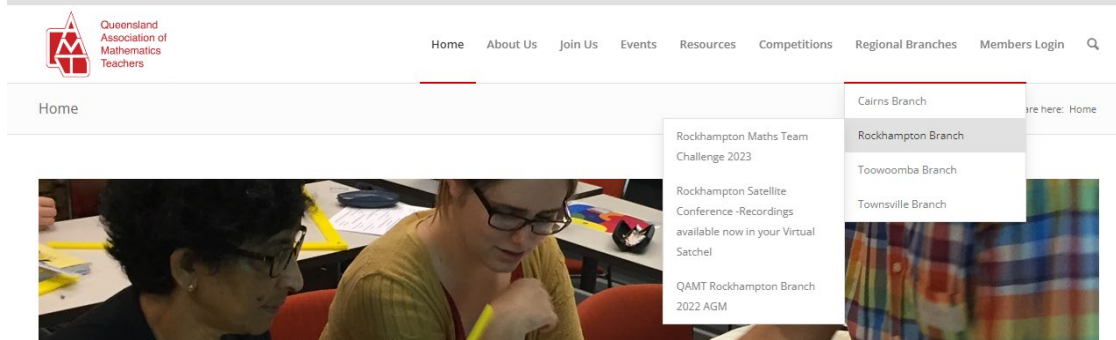
Each student **MUST** bring:

- a calculator of any type
- pens, pencils, eraser, ruler
- morning tea/lunch

## EXAMPLE QUESTIONS

One set of past questions for each year levels of competition is available from the Regional Branches section of the QAMT website.

<https://qamt.qld.edu.au/rockhampton-maths-team-challenge/>



## COST

\$35.00 per team if paid after Wednesday, 27 March, 2024. Early bird discount of \$10 if paid on or before Wednesday, 27 March, 2024. This will be reflected on the invoice issued upon registration.

## REGISTRATION

Early bird registration is due by Wednesday, 27 March, 2024. Further registrations due no later than Wednesday, 17 April, 2024.

The registration form is a Microsoft Form that can be found here :

[https://forms.office.com/Pages/ResponsePage.aspx?id=qmKn4E\\_3Okewhkzq77cfvdjeRgtgNMpGr7jFShuH2xFUMVRR01KMjdVMUEyRIRYVetDNEJVNFFCTy4u](https://forms.office.com/Pages/ResponsePage.aspx?id=qmKn4E_3Okewhkzq77cfvdjeRgtgNMpGr7jFShuH2xFUMVRR01KMjdVMUEyRIRYVetDNEJVNFFCTy4u)

A confirmation of registration reply email with an invoice for payment should be received within 24 hours of submission.

## PAYMENT

Registration fees can be paid using the bank details on the invoice. Payments made on or before Wednesday, 27 March, 2024 are offered an early bird discount of \$10 and early entry into the Mathspace Check-In Champions Competition. Payments made after this date will incur the full fee.

No refunds are made for registered teams who do not attend. No additional teams may attend who are not registered.

## TEAM PHOTOGRAPHS

Official photographs of teams will **not** be taken. Schools wanting photographs of their teams should make their own arrangements.

## **MEDIA CONSENT**

In the business of promoting our organisation, the Capricornia Branch of the Queensland Association of Mathematics Teachers may want to use any photographs or images of students taken at our events. Permission is requested to use such photographs or images. Permission is understood to be given unless the QAMT Media Consent Denial Form is completed DENYING such permission. The form is attached to the original email notification to HODs.

## **RESERVES**

Schools are asked to *not* send reserves along on the day because of the difficulties caused by the extra teams needing to be made up involving such students. Each school will be given additional certificates upon request for students who participated in preparations at school but were not selected to attend the challenge on the day.

For further information, contact Melanie Chin.

Email : [melanie.chin@brisbanegrammar.com](mailto:melanie.chin@brisbanegrammar.com)

The Queensland Association of Mathematics Teachers gratefully acknowledges and thanks the generous support and contributions from the following organisations.



**mathspace**

