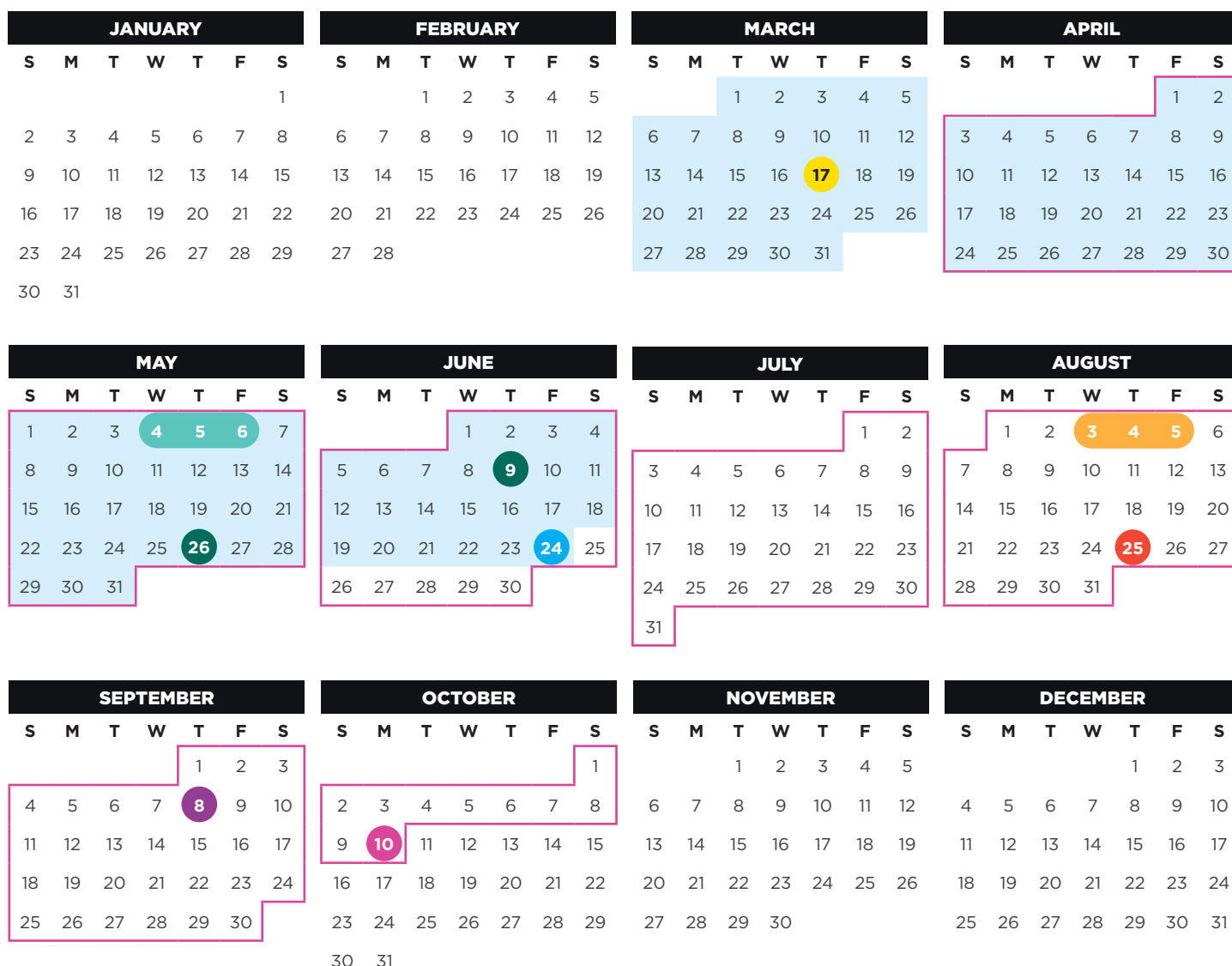


# 2022 KEY DATES


AMT is best known for its extensive range of maths, STEM, computational and algorithmic competitions and programs – from one-day events, like the Australian Mathematics Competition through to teacher-led programs that run over a series of weeks or months.

Add AMT's programs and competitions to your 2022 school calendar now




 Kangourou Sans Frontières

Thursday 17 March

 Computational and Algorithmic Thinking


Wednesday 4 to Friday 6 May

 Oxford University Computing Challenge


Round 1: Thursday 26 May  
Round 2: Thursday 9 June

 Australian Mathematics Competition


Wednesday 3 to Friday 5 August

 Australian Informatics Olympiad


Thursday 25 August

 Australian Intermediate Mathematics Olympiad

Thursday 8 September

 Maths Challenge

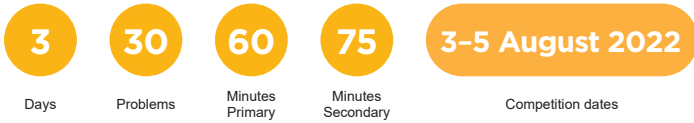
March to June  
Results due 24 June

 Maths Enrichment

April to October  
Results due 10 October

# AMC.

AUSTRALIAN  
MATHEMATICS COMPETITION



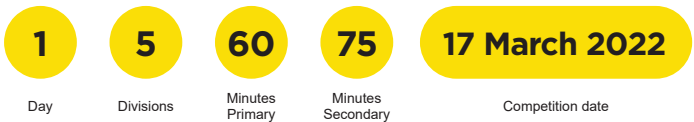
The **Australian Mathematics Competition** or **AMC** is one of Australia's largest school-based mathematics competitions. It features unique problems designed by Australia's leading educators and academics, with the goal to demonstrate the importance and relevance of mathematics in students' everyday lives.

Teachers coordinate the AMC in schools. It is an engaging 30-problem competition, open to students in years 3 to 12.

Held in term 3, the AMC has five divisions: Middle Primary, Upper Primary, Junior, Intermediate and Senior. It is available in both online and paper format.

[amt.edu.au/australian-mathematics-competition](http://amt.edu.au/australian-mathematics-competition)

## Kangourou sans Frontières



In 1991, two French teachers inspired by the AMC decided to start a similar competition in France. They called it the 'Kangaroo' to pay tribute to their Australian friends.

Now known as **Kangourou sans Frontières** or 'Kangaroo without Borders', it is one of the largest mathematics competitions in the world, with more than 6 million participants each year.

In Australia, the Kangourou sans Frontières or **KSF** is a maths competition for students in years 3 to 12, and is only available online to schools also participating in the AMC.

Like the AMC, KSF has five divisions: Middle Primary, Upper Primary, Junior, Intermediate and Senior.

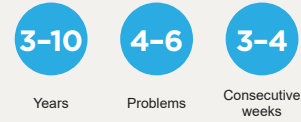
[amt.edu.au/australian-mathematics-competition/kangourou-sans-frontieres-ksf](http://amt.edu.au/australian-mathematics-competition/kangourou-sans-frontieres-ksf)

## Maths for Young Australians

The Maths for Young Australians program caters to a wide range of abilities: from challenges that introduce problem-solving concepts through to enrichment studies.

### MC.

MATHS  
CHALLENGE

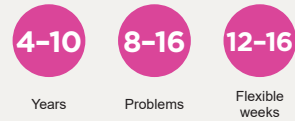


**Maths Challenge** is a fun problem-solving program for students in years 3 to 10, designed to extend their mathematical skills. Interesting problems are presented in a staged approach that encourages critical thinking. Taken individually or as a small group, it runs over a maximum of four consecutive weeks between **March and June**.

[amt.edu.au/maths-challenge](http://amt.edu.au/maths-challenge)

### ME.

MATHS  
ENRICHMENT

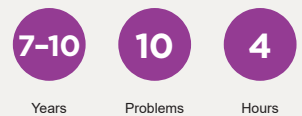


**Maths Enrichment** is an extension program that offers course work and problems to develop new concepts and skills. Designed for students from years 4 to 10 over seven different stages: Ramanujan, Newton, Dirichlet, Euler, Gauss, Noether and Pólya. Teachers can run Enrichment flexibly over 12 to 16 weeks between **April and October**.

[amt.edu.au/maths-enrichment](http://amt.edu.au/maths-enrichment)

### AIMO.

AUSTRALIAN INTERMEDIATE  
MATHEMATICS OLYMPIAD

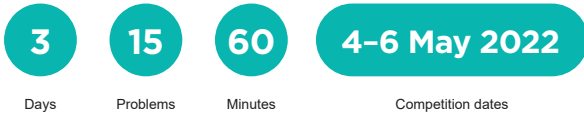


The **Australian Intermediate Mathematics Olympiad** or **AIMO** is a four-hour contest for talented students up to year 10. Held on **Thursday 8 September 2022**, it's aimed at students who've completed the Gauss or Noether Maths Enrichment stage, high achievers in the AMC, and students who have acquired knowledge of Olympiad-level problem solving.

[amt.edu.au/australian-intermediate-mathematics-olympiad](http://amt.edu.au/australian-intermediate-mathematics-olympiad)

# CAT.

COMPUTATIONAL AND  
ALGORITHMIC THINKING



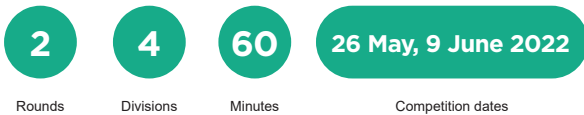
The **Computational and Algorithmic Thinking** or **CAT** competition incorporates unique three-stage tasks that encourage students to develop informal algorithms and apply them to test data of increasing size or complexity.

CAT aims to identify coding potential and is open to students in years 5 to 12. Teachers coordinate the CAT in schools.

Held in term 2, the CAT has four divisions: Upper Primary, Junior, Intermediate and Senior. It is available in both online and paper format.

[amt.edu.au/cat-competition](http://amt.edu.au/cat-competition)

## Oxford University Computing Challenge



The **Oxford University Computing Challenge** or **OUCC** is a two-round competition held in term 2. The first round is open to all students and the second round is an invitational for the top 20 students in each division from the first round. It is recommended for students who have done well in the CAT competition and would like to progress to the Australian Informatics Olympiad.

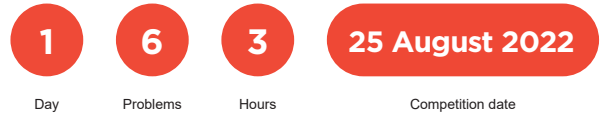
The OUCC builds on the principles used in the CAT competition and helps students develop their skills further to produce programmed solutions to computational thinking problems. Questions are solved using the Blockly programming language, as well the programming languages available to students in their schools (secondary levels).

There are four divisions: Upper Primary, Junior, Intermediate and Senior.

[amt.edu.au/computational-thinking/oxford-university-computing-challenge](http://amt.edu.au/computational-thinking/oxford-university-computing-challenge)

# AIO.

AUSTRALIAN  
INFORMATICS OLYMPIAD



The **Australian Informatics Olympiad** or **AIO** is an open computer programming competition held in term 3. Students write short computer programs to solve problems that vary in difficulty. The competition does not test computer literacy or knowledge, but focuses on problem solving through programming skills.

There are two papers: Intermediate for students up to year 10, and Senior for students up to year 12. Each paper has six problems, and students submit the source code for their solutions online during the three-hour contest.

The AIO is suitable for an IT class that knows some computer programming, or enthusiastic students who have taught themselves.

[amt.edu.au/australian-informatics-olympiad](http://amt.edu.au/australian-informatics-olympiad)

## Problememo

POWERED BY  
AUSTRALIAN MATHS TRUST

- + Problememo is the **go-to** maths **problem-solving resource** for teachers.
- + Lesson preparation made easier with quick search and filter across hundreds of quality maths problems.
- + Individual teacher subscriptions coming in 2022!

Find out more at [problememo.edu.au](http://problememo.edu.au)

# 2022 KEY INFORMATION

Ignite your students' imagination and enrich their knowledge in mathematics and algorithmics. In 2022 we will be offering the following open events for schools to run.

Event	Event date	Cost per student AUD	Open to students	Entry closing date
<b>Kangourou sans Frontières (KSF)</b>	Thursday 17 March	Online only. Available when bundled with the AMC.		
<b>KSF and AMC Bundle</b>	-	12.00	years 3–12	11 March
<b>KSF, CAT and AMC Bundle</b>	-	14.00	years 5–12	11 March
<b>Oxford University Computing Challenge (OUCC)</b>	Round 1: 26 May Round 2: 9 June	7.50	years 5–12	23 May
<b>OUCC and CAT Bundle</b>	-	12.00	years 5–12	Paper: 25 March Online: 29 April
Computational and Algorithmic Thinking (CAT)	Tuesday 4 to Friday 6 May	7.50	years 5–12	Paper: 25 March Online: 29 April
Australian Mathematics Competition (AMC)	Wednesday 3 to Friday 5 August	7.50	years 3–12	Paper: 24 June Online: 29 July
CAT and AMC Bundle	-	12.00	years 5–12	Paper: 25 March Online: 29 April
Australian Informatics Olympiad (AIO)	Thursday 25 August	20.00	years 7–12	18 August
Australian Intermediate Mathematics Olympiad (AIMO)	Thursday 8 September	20.00	years 7–10	1 September
Program	Program dates	Cost per student AUD	Open to students	School results submitted by
Maths Challenge	3 to 4 weeks March – June	18.50	years 3–6	24 June
		25.50	years 7–10	
Maths Enrichment	12 to 16 weeks April – October	42.00	years 4–10	10 October

*Note: Late entries may be processed but materials cannot be guaranteed to arrive by the event date.*

To register go to [problemo.edu.au](http://problemo.edu.au) and log in using your existing username and password or create an account. Once logged in, you can register for multiple events at once, or separately at any time while registration is open.

Orders can be paid immediately by credit card or later via invoice. Invoices for all orders will be emailed to the email address supplied, so ensure this email is correct.