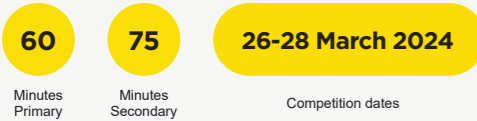


2024 COMPETITIONS AND PROGRAMS

Mathematics

KSF.

KANGOUROU
SANS FRONTIÈRES



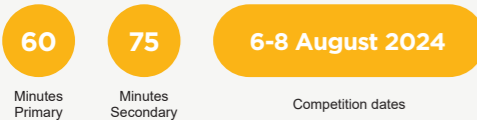
Divisions Middle Primary, Upper Primary, Junior, Intermediate, Senior.
Eligibility Years 3 to 12 AU, Years 4 to 13 NZ.

Inspired by the AMT's Australian Mathematics Competition, **Kangourou sans Frontières** is now the largest maths competitions in the world, with more than 6 million participants each year.

amt.edu.au/ksf

AMC.

AUSTRALIAN
MATHEMATICS COMPETITION



Divisions Middle Primary, Upper Primary, Junior, Intermediate, Senior.
Eligibility Years 3 to 12 AU equivalent, Years 4 to 13 NZ.

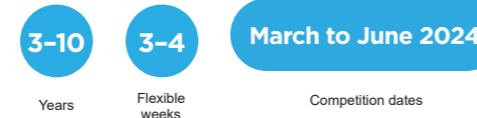
First run in 1978, the **Australian Mathematics Competition** is Australia's longest running, largest and most well-known maths competition for school students.

amt.edu.au/amc

Maths for Young Australians

MC.

MATHS
CHALLENGE



Divisions Middle Primary, Upper Primary, Junior, Intermediate, Senior.
Eligibility Years 3 to 10 AU equivalent.

Maths Challenge is a problem-solving program for students in years 3 to 10. Teachers receive printed materials including Student Problem Booklets and a comprehensive Teacher Guide with discussion points, extension questions, teaching suggestions and a detailed marking guide.

amt.edu.au/challenge

ME.

MATHS
ENRICHMENT



Divisions Ramanujan, Newton, Dirichlet, Euler, Gauss, Noether, Pólya.
Eligibility Capable and talented students, Years 4 to 10 AU equivalent.

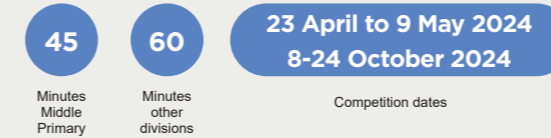
Maths Enrichment is an extension program for talented students to widen their mathematical knowledge and skills. Teachers receive comprehensive printed support material to extend both student learning and their own mathematical teaching practice. Enrichment material develops mathematical concepts not covered by the standard curriculum. Printed materials can be retained by students as an enduring reference through their school years.

amt.edu.au/enrichment

Algorithmics

Bebras

BEBRAS COMPUTATIONAL
THINKING CHALLENGE



Divisions Middle Primary, Upper Primary, Junior, Intermediate, Senior.
Eligibility Years 3 to 12, AU only.

Bebras is a fun and engaging computational thinking challenge for students in Years 3 to 12. It is an international challenge that involves over 2.9 million students from 60 countries.

With support from CSIRO, Bebras Challenge is free for Australian schools in 2024.

amt.edu.au/bebras

AIMO.

AUSTRALIAN INTERMEDIATE
MATHEMATICS OLYMPIAD



Eligibility Years 7 to 10 AU equivalent.

Australian Intermediate Mathematics Olympiad is a highly challenging maths competition designed to identify and stretch talented students.

The paper is pitched at a Year 10 level but may also be of interest to motivated and talented students in years 7 to 9 looking to pursue Olympiad-level mathematics.

amt.edu.au/aimo

CAT.

COMPUTATIONAL AND
ALGORITHMIC THINKING



Divisions Upper Primary, Junior, Intermediate, Senior.
Eligibility Years 5 to 12 AU equivalent, Years 6 to 13 NZ.

The **Computational and Algorithmic Thinking** competition gives students the opportunity to develop their problem-solving skills through algorithmic thinking. It uses unique three-stage tasks to encourage students to develop informal algorithms and apply them to test data of increasing size or complexity.

amt.edu.au/cat

OUCC.

OXFORD UNIVERSITY
COMPUTING CHALLENGE



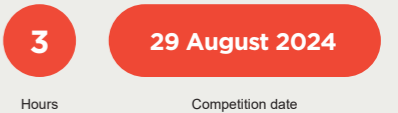
Divisions Upper Primary, Junior, Intermediate, Senior.
Eligibility Years 5 to 12 AU equivalent.

The **Oxford University Computing Challenge** helps students develop skills to produce programmed solutions to computational problems. Participants will need to be familiar with Blockly or other coding languages (depending on the division). Second round is by invitation to those who performed well in the first round.

amt.edu.au/uucc

AIO.

AUSTRALIAN
INFORMATICS OLYMPIAD



Eligibility Years 7 to 12 AU equivalent.

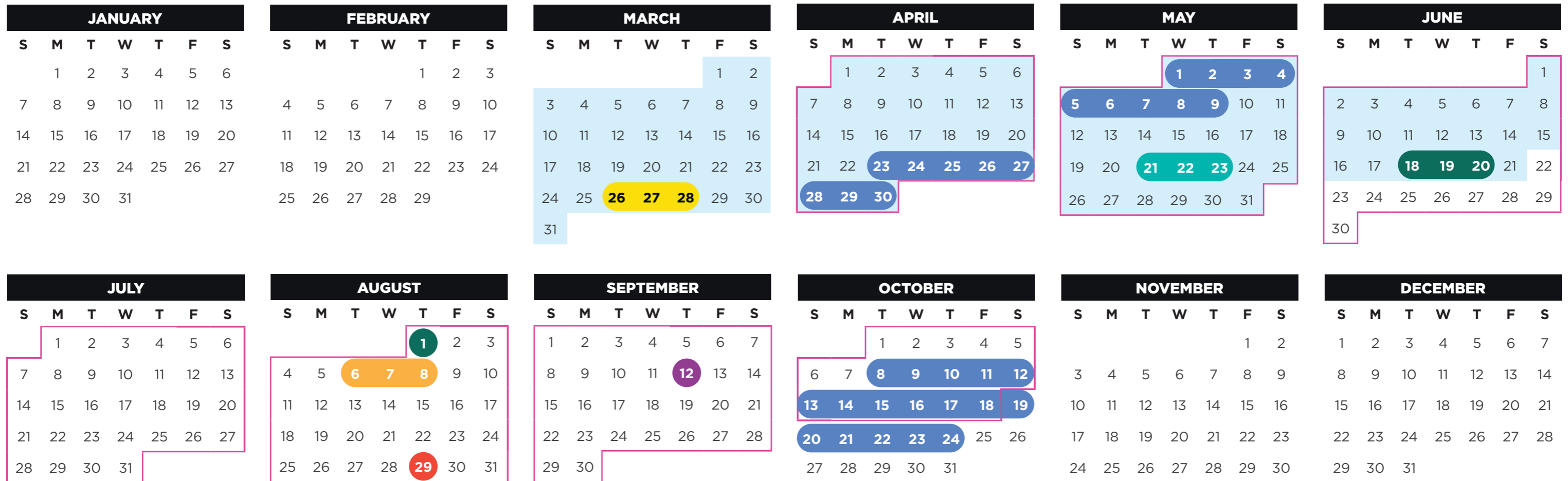
Australian Informatics Olympiad recognises and challenges students with an interest in computer programming. Participating students will need some programming experience and be able to write code.

amt.edu.au/aio

2024 CALENDAR

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 2024 school calendar now




 **Kangourou Sans Frontières**

Tuesday 26 to Thursday 28 March

 **Bebras**

Round 1: Tuesday 23 April to Thursday 9 May
Round 2: Tuesday 8 to Thursday 24 October

 **Computational and Algorithmic Thinking**


Tuesday 21 to Thursday 23 May

 **Oxford University Computing Challenge**

Round 1: Tuesday 18 to Thursday 20 June
Round 2: Thursday 1 August


 **Australian Mathematics Competition**

Tuesday 6 to Thursday 8 August

 **Australian Informatics Olympiad**

Thursday 29 August

 **Australian Intermediate Mathematics Olympiad** | Thursday 12 September

 **Maths Challenge** | March to June
Results due 21 June

 **Maths Enrichment** | April to October
Results due 18 October

Individual Pricing

		Cost per student A\$ (GST incl)
Mathematics Competitions	KSF	\$5.00
	AMC	\$8.50
	AIMO	\$22.30
Informatics Competitions	Bebras	FREE
	CAT	\$8.50
	OUCG	\$5.00
	AIO	\$22.30
Mathematics Programs	MC – Middle and Upper Primary	\$21.20
	MC – Junior and Intermediate	\$29.00
	MC Marking	\$27.00
	ME	\$53.00
	ME Marking	\$51.00

All prices are in Australian dollars and are inclusive of Australian GST.

Pricing shown in Australian dollars and are inclusive of GST. All details are applicable to Australian and New Zealand schools, home schools and coaching clinics. For information regarding pricing and availability in other countries, please visit our [registration page](#).

To register go to competitions.amt.edu.au/admin and log in using your 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.

Bundle Pricing

Bundle		Cost per student A\$ (GST incl)
2 comp bundle	KSF and AMC online	\$10.50
	OUCG and CAT online	\$10.50
	CAT and AMC online	\$13.50
3 comp bundle	KSF, CAT and AMC online	\$16.50
	OUCG, CAT and AMC online	\$16.50
	KSF, OUCG and CAT online	\$15.00
	KSF, OUCG and AMC online	\$15.00
4 comp bundle	KSF, OUCG, CAT and AMC online	\$20.00

Problemo

POWERED BY
AUSTRALIAN MATHS TRUST

- + Problemo is your source of quality maths problems, aligned to the Australian curriculum.
- + The platform is the AMT's maths problem-solving resource for teachers. It includes an online library of maths problems for years 3-12, as well as detailed lesson plans. Each problem includes solutions; enabling and extending prompts; classification by curriculum strand and topic; suggested year level and difficulty rating.
- + Teachers can create their own problem sets or use the ones provided, display them digitally for classroom use, create online quizzes or download PDFs for offline use.

Find out more at problemo.edu.au

Plans and Pricing

FOR TEACHERS AND SCHOOLS	TEACHER PLUS	SCHOOL PLUS	BUSINESS PLUS
Free \$0/month	\$9.99/month	\$99/year	\$199/year
For getting your students started on their maths problem-solving journey.	Billed annually For Australia and New Zealand teachers.	Per teacher, billed annually For Australia and New Zealand schools.	Per tutor, billed annually For approved coaching clinics. Minimum two tutors.
<ul style="list-style-type: none"> ✓ Access to 100 quality maths problems ✓ Tips, extensions and written solutions for all problems 	<ul style="list-style-type: none"> ✓ Quick access to hundreds of quality problems, and lots more ✓ More than 800 searchable problems ✓ Create online quizzes and sets 	<ul style="list-style-type: none"> ✓ Tips, extensions and written solutions ✓ Track student performance over time ✓ More than 60 lesson cards 	

2024 KEY DATES AND DEADLINES

AMT's competitions and programs are designed to be used as problem-solving pathways for teachers and students.

A library of high-quality problems is available year-round via our online platform, Problemo, allowing teachers to develop their students' problem-solving skills in the classroom. The problems are drawn from past AMC and CAT papers, and are a great way to introduce students to the types of strategies they can use to tackle those competitions.

Mathematics

The year kicks off in March with KSF, a great opportunity for students to prepare for the AMC in August.

Teachers wanting to bring more problem solving into their extension programs can register for our longer-form programs Maths Challenge and Maths Enrichment, providing challenging problem-solving activities to be tackled over many weeks.

For high performing students, there is a pathway through the Maths Challenge to Maths Enrichment programs, to the AIMO, our most challenging open competition held in September.

Algorithmics

For the first time in 2024, our algorithmics program kicks off in April with the Bebras Challenge, closely followed by CAT in May. Teachers wanting to explore algorithmic thinking can access our free year-round Bebras resources.

For students with coding skills, we offer the OUCC as a two-round competition in June and August, followed by the AIO, our most challenging open programming competition, held at the end of August.

Once your students have experienced our problem-solving activities, they'll be back for more each year.

All our open competitions and programs contain unique problems designed each year by leading educators and academics to challenge and extend your students' problem-solving skills.

**Registrations open
Monday 26 February 2024**

Competitions	Delivery date	Pre-competition		Post-competition		
		Paper entries close	Online entries close	Student answer sheets (printed delivery)	*Late answer sheets (printed delivery)	
Mathematics	KSF	26 to 28 March	N/A	22 March	N/A	N/A
	AMC	6 to 8 August	5 July AU, NZ 28 June INT	2 August	9 August	23 August
	AIMO	12 September	6 September	N/A	13 September	N/A
Algorithmics	Bebras	Round 1 23 April to 9 May Round 2 8 to 24 October	N/A	Round 1 12pm, 9 May Round 2 12pm, 24 October	N/A	N/A
	CAT	21 to 23 May	19 April AU, NZ 12 April INT	17 May	24 May	7 June
	OUCC	Round 1 18 to 20 June Round 2 1 August	N/A	Round 1 14 June Round 2 Invitation only	N/A	N/A
	AIO	29 August	N/A	23 August	N/A	N/A

* Student answer sheets received by AMT after the late submission deadline will be processed after Friday 15 November.

Program	Delivery date	Pre-competition		Post-competition		
		Paper entries close	Online entries close	Student results spreadsheets due	*Late results spreadsheets due	
Maths program	MC	3 – 4 weeks March to June	17 May	N/A	21 June*	26 July
	ME	12 – 16 weeks April to October	28 June	N/A	18 October*	1 November

* For schools that have ordered AMT marking, deadlines for submission of student solutions are:

- Maths Challenge solutions due Friday 31 May
- Maths Enrichment solutions due Friday 27 September