

Computational and Algorithmic Thinking Competition (CAT) and Australian Mathematics Competition 2024 (AMC).

Dear Parents/Caregivers,

The Australian Mathematics Competition (AMC) is an engaging 30-problem competition that demonstrates the importance and relevance of mathematics in students' everyday lives; it is open to students in years 3 to 12. Australia's leading educators and academics, with a deep understanding of our national curriculum standards, actively design the unique AMC problems each year. Students who participate may attempt as many questions as they wish. The earlier problems may use more familiar mathematics while the later problems are more difficult and intended to challenge, needing more sophisticated problem-solving skills. The competition will be held between the 6th and the 8th of August

The computational and Algorithmic Thinking (CAT) competition is a one-hour online problem-solving competition for students that seeks to identify computer programming potential – something which students might not normally have opportunity to demonstrate. The competition held on Wednesday 22nd May and is an ideal activity to encourage interest in programming and is suitable for any mathematics class. No prior experience in computer programming is necessary. The competition employs a mixture of multiple-choice and integer answers and incorporates unique 'three-stage-tasks' that encourage students to develop informal algorithms and apply them to test data of increasing size and or complexity.

The cost to enter both is \$13.50. A saving of \$3.50. The preferred method of payment is via quickweb which can be found via the payments tab on the MSHS website. The quickweb code is CATAMC24.

There are notes available for students who wish to only enter one competition – either CAT or AMC.

Regardless of payment method, please return this note the finance office asap.

On the day, students will need their charged chromebook and a pencil.

Any questions please direct them to Rod Grieve – rod.grieve@ed.act.edu.au

Australian Mathematics Competition (AMC).

Student Name: _____

Year: 7 8 9 10

Item	Cost	Enter by When	Who?	Selected <input checked="" type="checkbox"/>
Australian Mathematics Competition (AMC) and Computational and Algorithmic Thinking Competition (CAT)	\$13.50	Monday 13th of May 2024	All students	<input type="checkbox"/>
			TOTAL AMOUNT	\$ 13.50

Payment Options – please tick one

Cash

Cheque

Credit Card

Online Payment

Reference for Quickweb: CATAMC24

Learning

Endeavour

Respect

Pride