

## AIMO FAQ

### What is the AIMO?

The Australian Intermediate Mathematics Olympiad (AIMO) is a mathematical competition comprised of 10 questions worth 35 marks.

It is the first competition we use to identify students who might have the potential to join our Olympiad programs.

It is an open competition, but students can find the mathematics quite challenging – the questions require some thought and take significant time to solve.

### What is the format?

The AIMO is a four-hour competition that must be sat under exam conditions.

It is comprised of 10 questions:

- a) Questions 1–8 have answers that are non-negative integers less than '1000'.
- b) Questions 9–10 require written answers with proofs.
- c) Question 10 also has an investigation which is used to determine prize winners.

Questions 1–2 are worth 2 marks each.

Questions 3–5 are worth 3 marks each.

Questions 6–8 are worth 4 marks each.

Questions 9–10 are worth 5 marks each.

Question 10 investigation is worth 4 additional bonus marks.

If an answer is incorrect but correct or comprehensible working is provided, then some marks may still be awarded.

Marks for the investigation will only be awarded if there are two or more students with the same highest score.

### Where can I get sample problems/solutions to help students prepare for the AIMO?

You can find example AIMO problems and solutions via our resources page [here](#) or our *Australian Scene 2021* publication which is available free of charge on our [bookshop](#).

## How do I deliver the competition?

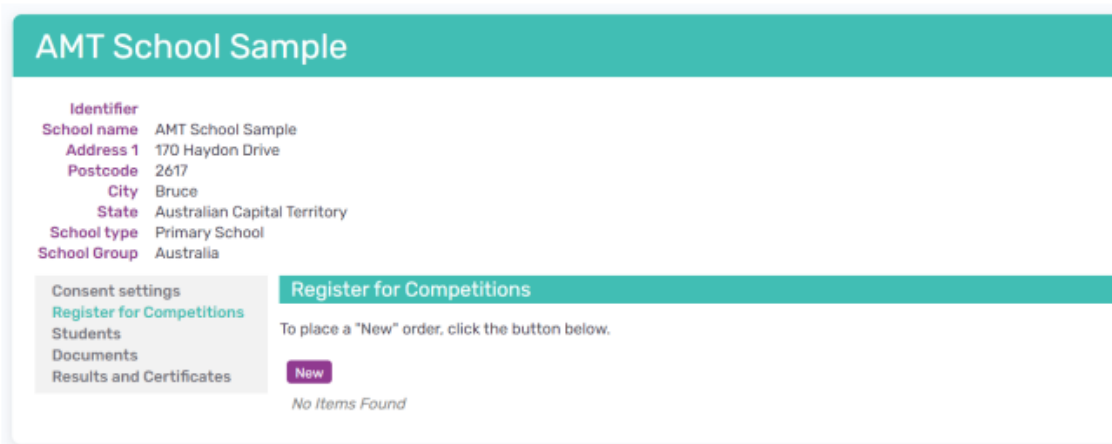
### Before the competition day

1) Register

Make sure you have registered all students who are interested in sitting the competition by logging into the competitions portal: <https://competitions.amt.edu.au/admin/>

Log in using your username and password. If you don't have a username or password, you can set one up by clicking 'Register as teacher' and following the prompts.

Click the "Register for Competitions" link on the sidebar and click "New".



Enter the number of students you have participating in each competition category and click "Continue".

Show unavailable

Package	Quantity	Venue	Rate	Tax	Active	Available from	Available until
Challenge MIDDLE PRIMARY (years 3-4)	<input type="text" value="0"/>		18.50 AUD	10% GST included	Yes		09-09-2022
Challenge UPPER PRIMARY (years 5-6)	<input type="text" value="0"/>		18.50 AUD	10% GST included	Yes		09-09-2022
Challenge JUNIOR (years 7-8)	<input type="text" value="0"/>		25.50 AUD	10% GST included	Yes		09-09-2022
Challenge INTERMEDIATE (years 9-10)	<input type="text" value="0"/>		25.50 AUD	10% GST included	Yes		09-09-2022
Australian Intermediate Mathematics Olympiad	<input type="text" value="0"/>		20.00 AUD	10% GST included	Yes	01-05-2022	08-09-2022

Click 'Finish Order' and you'll receive a confirmation email.

- 2) Ensure you have privacy consent from parents/guardians for publication of student names post-competition (see below for more information about the Consent to Collection & Use of Personal Information).

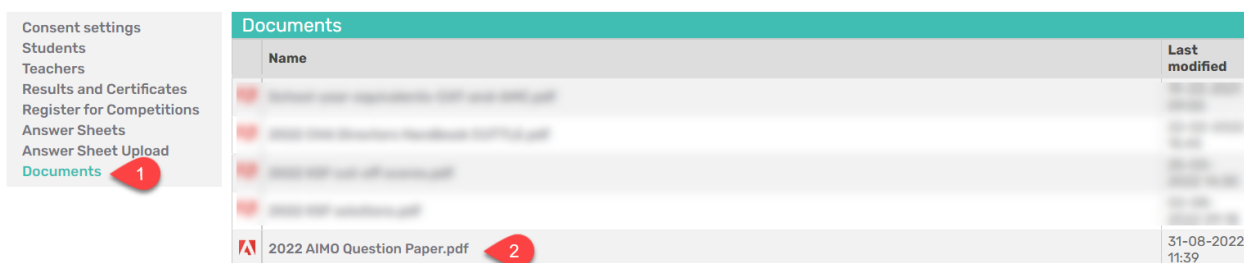
- 3) Ensure your students have adequate pens, plain or graph paper, a ruler and compass. Calculators, electronic devices, books or other aids are **NOT** permitted.
- 4) EAL/D (English as an Additional Language/Dialect) students are permitted to use a bilingual dictionary.

## On the day

The AIMO should be delivered under exam conditions with appropriate supervision. It can be delivered at any time on 8 September 2022.

- 1) To download the papers and other documentation, log in to your competitions account no earlier than the day before the competition: <https://competitions.amt.edu.au/admin/>.

Click on “Documents” on the sidebar as shown.



- 2) Download and print enough competition papers and cover sheets for each student.
- 3) Download and print enough certification forms for each session of the competition.
- 4) Ensure students write in pen on one side of the paper only.
- 5) Students should write their name and question number on every page they submit. At the end of the competition, their cover sheet should be placed on top.
- 6) Advise your students that they should answer Questions 1–10 before attempting the Question 10 investigation.
- 7) At the conclusion of the competition, please provide a clear scan of each student’s work (one file per student) and send the files to [mcya@amt.edu.au](mailto:mcya@amt.edu.au). These scans/files should include:
  - a. The Certification Form (for each session you held) using the following filename format: AIMO22-<state>-<school>.pdf  
e.g. AIMO22-ACT-CapitalHigh.pdf
  - b. The cover sheet and working sheets for each student (with student name and question number on each page), using the following filename format: AIMO22-<state>-<school>-<year>-<last name>-<first name>.pdf  
e.g. AIMO22-ACT-CapitalHigh-9-Noether-Emmy.pdf

### What happens if I can't scan the student answers?

If you cannot send us the scans, please send a photocopy of the student responses and certification form(s) by mail to:

Programs Team – AIMO  
Australian Maths Trust  
170 Haydon Drive  
Bruce ACT 2617

Please note there may be a delay in receiving hard copy answer sheets due to postal delays.

### What documents can I get from the competitions platform?

- a. The competition papers
- b. A cover sheet – you will need to print ONE cover sheet for each student sitting the AIMO (this is where they will write their answers). At the completion of the competition, this form, along with the students' written work, will be used for marking.
- c. A certification form – this form should be signed by the supervising staff for the competition. If you hold more than one session of the competition across the day, you will need to complete and return one certification form for each session.
- d. A Consent to Collection & Use of Personal Information policy document – The AMT publishes results of its competitions and activities on its website. We also publish **competition information** about students who participate which may include the student's name, school, school year, award and score as well as the names of award winners and/or medallists. This document gives you information about this and informs you of the steps you need to take to ensure you have collected the required consent from parents/guardians.

If you do not wish **competition information** to be published on our website, please contact us within 2 business days of the competition date at [privacy@amt.edu.au](mailto:privacy@amt.edu.au).

### Can my students take breaks during the competition?

As with any competition or examination, students are permitted toilet breaks. Aside from this, there are no scheduled breaks as part of the competition.

### Can my students have food/drink with them?

Yes, food and drink is permitted. Please think carefully about what foods you will permit into the competition so as to minimise distractions to other candidates.



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**What should I do if my student(s) are away on the day of the competition?**

If your student(s) cannot sit on the official competition day, we do permit students to sit the following day. If they cannot sit on the following day, please contact us on [mcya@amt.edu.au](mailto:mcya@amt.edu.au).

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