



2016 ICAS

International Competitions
and Assessments for Schools

MATHEMATICS

Administration Instructions

PLEASE READ THESE INSTRUCTIONS IMMEDIATELY.

If you require assistance please contact your EAA country representative.

Full contact details can be found at www.eaa.unsw.edu.au/contact-us

SITTING DATE

The official Mathematics sitting date is on the Return Advice Form accompanying these Administration Instructions.

Year Levels and Corresponding ICAS Papers

Paper	Intro*	A	B	C	D	E	F	G	H	I	J
Time Allowed	35 mins	45 mins	45 mins	45 mins	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr	1 hr
Australia	Y 2	Y 3	Y 4	Y 5	Y 6	Y 7	Y 8	Y 9	Y 10	Y 11	Y 12
Brunei	P 2	P 3	P 4	P 5	P 6	F 1	F 2 & F 3	F 4	F 5	PU 1	PU 2
Malaysia	Std 2	Std 3	Std 4	Std 5	Std 6	F 1	F 2	F 3	F 4	F 5 & L 6	U 6
New Zealand	Y 3	Y 4	Y 5	Y 6	Y 7	Y 8	Y 9	Y 10	Y 11	Y 12	Y 13
Pacific Region	Y 3	Y 4	Y 5	Y 6	Y 7	Y 8	Y 9	Y 10	Y 11	Y 12	Y 13
Singapore	P 1	P 2	P 3	P 4	P 5	P 6	Sec 1	Sec 2	Sec 3	Sec 4 & 5	JC 1
South Africa	G 2	G 3	G 4	G 5	G 6	G 7	G 8	G 9	G 10	G 11	G 12

* Introductory Paper

Before Administering ICAS

Check Test Materials

Question booklets for different year levels can be identified by the letter on the front cover. The equivalent year levels for each country can be found on the back of each question booklet and on the front cover of this booklet.

The appropriate answer sheet has been inserted into each question booklet.

1. Make sure that you have the correct number of question booklets and answer sheets for each paper. One extra question booklet and answer sheet is included for each year level (teacher's copy). Contact the EAA representative in your country if you do not have the correct quantity of test materials.
2. Leave the answer sheets in the question booklets. Answers cannot be marked correctly unless students use the answer sheet that is specific to the question booklet.
3. Keep all question booklets and answer sheets secure until the sitting date.

Practice Materials

Practice materials can be downloaded from the EAA website at www.eaa.unsw.edu.au/icas/preparation

1. Teachers should go through the procedure for filling in the practice answer sheets with students the day before the sitting date. This will help avoid errors that can affect the results.
2. Do not use the actual answer sheets for practice as there is only one answer sheet for each question booklet.

Preparation

1. Ensure all supervising teachers and participating students are informed of the sitting date (the official sitting date is on the Return Advice Form).
2. Photocopy the Administration Instructions for Teachers Supervising ICAS – Mathematics (on the opposite page) and give one copy to each teacher supervising the assessment.
3. Ensure students have the question booklet and answer sheet for the appropriate calendar year and year level. Students who use incorrect question booklets or answer sheets will not receive accurate results.
 - Do not photocopy the answer sheets. Photocopies will not be marked.
 - Do not bend or fold the answer sheets.
 - Do not write on the edges of the answer sheets.
4. Make sure all students have a 2B or B pencil, an eraser and the special equipment listed on the opposite page.



We thank all of the teachers involved in ICAS. We appreciate the time and effort you have contributed to allow ICAS to run smoothly in your school.



Administer the paper under examination conditions.

Mobile phones, pagers and other personal electronic devices are not permitted.

Each student must have:

- a pencil—2B or B (NOT a pen)
- an eraser
- a question booklet
- an answer sheet.

Papers Introductory, A, B, C, D and E: Students are NOT allowed to use a calculator.

Papers F, G, H, I and J: Students must have a calculator.

Blank paper may be used for any working.

Students must have a ruler marked in millimetres (mm).

Dictionaries and electronic translators are NOT permitted.

When all students are seated say:

Do not open the booklet until I tell you. Use the table on the back cover to check that you have received the correct paper. Remove the answer sheet from inside the question booklet. Check that the letter on the answer sheet matches the letter on the question booklet. You need to fill in and code your details on the answer sheet. Please do not fold or bend the answer sheet and do not write on the edges of the page. Use only a 2B or B pencil (NOT a pen). If you make a mistake, you must erase it completely.

Help students fill in their names and other information on the answer sheet. If your ICAS Coordinator has allocated you a class code (letter A–T), tell the students to write it in the correct place on the answer sheet.

Say:

Please check that you have spelt and coded your name correctly on the answer sheet. This is how your name will appear on your student report and certificate. Are there any questions?

When this is completed, for Introductory Paper say:

Answer all questions on your answer sheet by choosing and filling in the appropriate oval: A, B, C or D. There are 30 questions. You will have 35 minutes to answer the questions.

For Papers A, B and C say:

Answer all questions on your answer sheet by choosing and filling in the appropriate oval: A, B, C or D. There are 40 questions. You will have 45 minutes to answer the questions.

For Papers D, E, F, G, H, I and J say:

Answer questions 1 to 35 on your answer sheet by choosing and filling in the appropriate oval: A, B, C or D. Answer free-response questions 36 to 40 on your answer sheet by filling in a whole number from 0 to 999 in the appropriate boxes. An example is shown on your answer sheet. There are 40 questions altogether. You will have 1 hour to answer the questions.

Then say:

Do your rough work in your question booklet or on spare paper. Open your question booklet and start now.

Start timing and monitor the time allowed. At the end of the time say:

Stop work and put your pencils down.

- ✓ Collect the question booklets and answer sheets in two separate bundles.
- ✓ Check that each student has marked his/her answers on the answer sheet and not in the question booklet.
- ✓ Check that the answer sheets are all facing the same way. Make sure that each student's name is correctly coded in pencil.
- ✓ Give the question booklets and answer sheets to the ICAS Coordinator.

PHOTOCOPY THIS PAGE AND GIVE IT TO EACH SUPERVISING TEACHER.

After Administering ICAS

Check the Answer Sheets

1. Collect all answer sheets.
2. Check that each student has marked his/her answers on the answer sheet and not in the question booklet.
3. Ensure that each student's name is correctly coded on the answer sheet.
4. Bundle the answer sheets.

Return the Answer Sheets & Return Advice Form

1. Ensure the number of answer sheets returned for each paper matches the information you record on the Return Advice Form.
2. Pack all the answer sheets and the Return Advice Form into the envelope(s) provided. Missing or incomplete Return Advice Forms will delay the delivery of results to your school.
3. Send the package back to EAA no later than the day after administering ICAS. By returning the package promptly, EAA will be able to provide you with the results by the published date. The late return of answer sheets may prevent candidates from receiving medals.

For Singapore schools only:

A courier will collect the envelope(s) from your school two days after the ICAS sitting date.

4. If you are posting your materials from outside Australia, note that insufficient postage will result in EAA not receiving them.
5. Keep question booklets in the school until results are received and then send them home with the student reports and certificates. They are a useful resource for students and teachers and are helpful when interpreting results.

