



The Most Comprehensive
**International Diagnostic
Educational Assessments**
For Schools and Students

2015 Science & Mathematics
 English & Digital Technologies

With learners for life

IAS
INTERNATIONAL
ASSESSMENTS FOR SCHOOLS

THE PARTNERSHIP

Macmillan Education & UNSW Global

To integrate the process of education with objective and meaningful assessments and deliver the desired learning outcomes, Macmillan has partnered with EAA - UNSW Global to bring to India, a well researched, structured and reliable international module for educational assessments.



For more than 120 years, Macmillan Education has been a major player in India's education market. Macmillan is among one of the leading international school publishers. Macmillan Education continues its formidable task of developing high-quality course books and supplementary material at all levels, with willing cooperation from teachers, students, institutions, educational authorities, and the Departments of Education.



Educational Assessment Australia (EAA) is an education group of UNSW Global Pty Limited, a not-for-profit provider of education, training and advisory services and a wholly owned enterprise of the University of New South Wales (UNSW), one of Australia's leading research and teaching universities.

EAA is recognised internationally as a leading educational assessment organisation, specialising in large scale assessment programs for over 40 years in Australia and 20 countries in Asia, Africa, Europe, Pacific and the USA.

Benefits of International Assessments

- ✓ *Assessments enable students and educators to monitor learning progress and teaching pedagogy through objective and in-depth data.*
- ✓ *International diagnostic assessments bring to light strength and weakness areas in core subjects at a concept level with no dependence on curriculum.*
- ✓ *Benchmark data across school, country and region helps students and schools in analyzing concept understanding and academic position on the subject.*

About IAS

International Assessments for Schools (IAS) is a leading international student assessment programme that provides an objective, in-depth, external assessment of student skills in key learning areas. IAS is a diagnostic assessment which brings to light the strengths and weaknesses of a student on the four core subject areas of English, Science, Mathematics and Digital Technologies. This diagnostic assessment is benchmarked against global paradigms of excellence.

Assessed over **1.6 millions students** in **8500 schools** since 2004



ENGLISH
Classes 3 to 12



SCIENCE
Classes 3 to 12



MATHEMATICS
Classes 3 to 12



DIGITAL TECHNOLOGIES
Classes 3 to 10

STUDENTS



THE DIAGNOSTIC ASSESSMENT ENABLES STUDENTS TO

- Identify their academic strengths and weaknesses
- Monitor and compare their year on year achievements with other students
- Gain valuable experience in taking international assessment tests

SCHOOLS & TEACHERS



THE DETAILED STATISTICAL REPORT ENABLES SCHOOLS AND TEACHERS TO

- Monitor and compare students' performance within the school, region and internationally
- Discover students' latent potential and identify growth areas
- Modify classroom activities and develop appropriate learning programmes for students

PARENTS



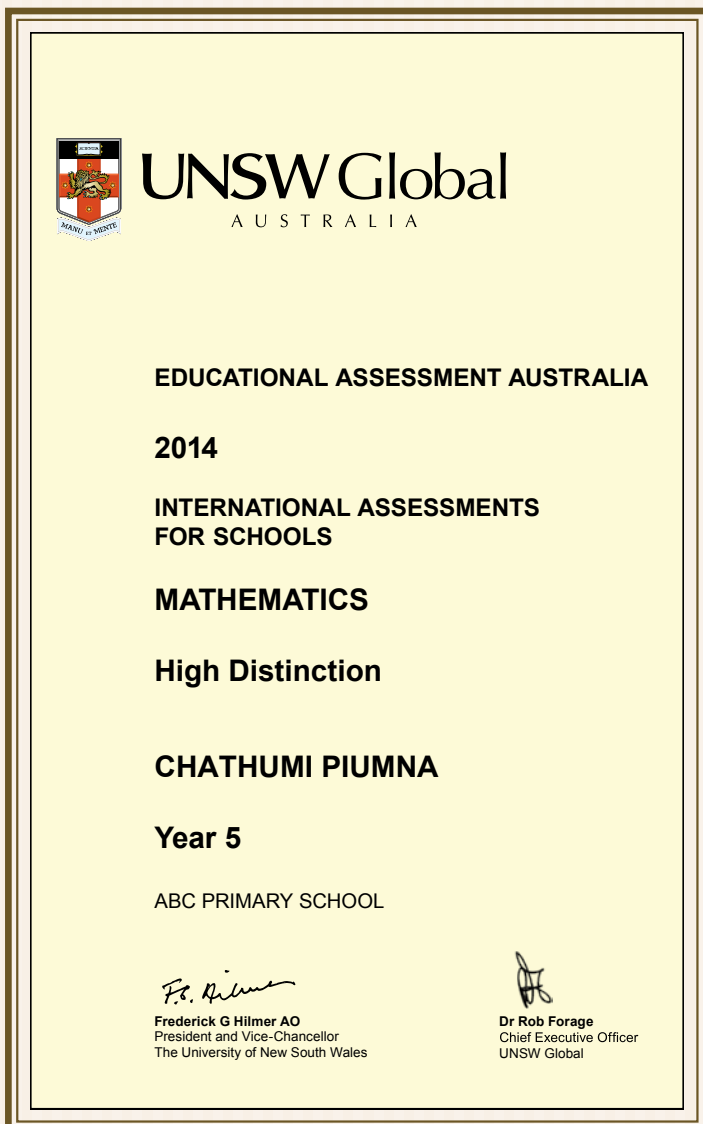
STUDENT DIAGNOSTIC REPORT ENABLES PARENTS TO

- Understand and analyse their children's academic strengths & weaknesses
- Collaborate with schools for remediation and skill development
- Design and plan meaningful educational activities for children

Medals & Certificates

The top performing students in IAS, in each subject and in each class across the region are awarded a University of New South Wales Gold medal.

The awarding of all medals and certificates is at the discretion of EAA. Medals are awarded when a score is judged to be sufficiently meritorious. Students need to secure at least a Distinction to be eligible for the medals. Students must sit only for the paper/s they have registered for and for the class in which they are currently enrolled. Schools must ensure that standard invigilation procedures are followed during the examinations.



EAA reserves the right to withhold medals wherever the results reveal that students may not have answered the papers independently

Every student who enters the IAS receives a certificate in one of the following categories

Levels	In each class
High Distinction	Top 1% of entrants
Distinction	The next 10% of entrants
Credit	The next 25% of entrants
Participation	All other participating students

Assessment Reports

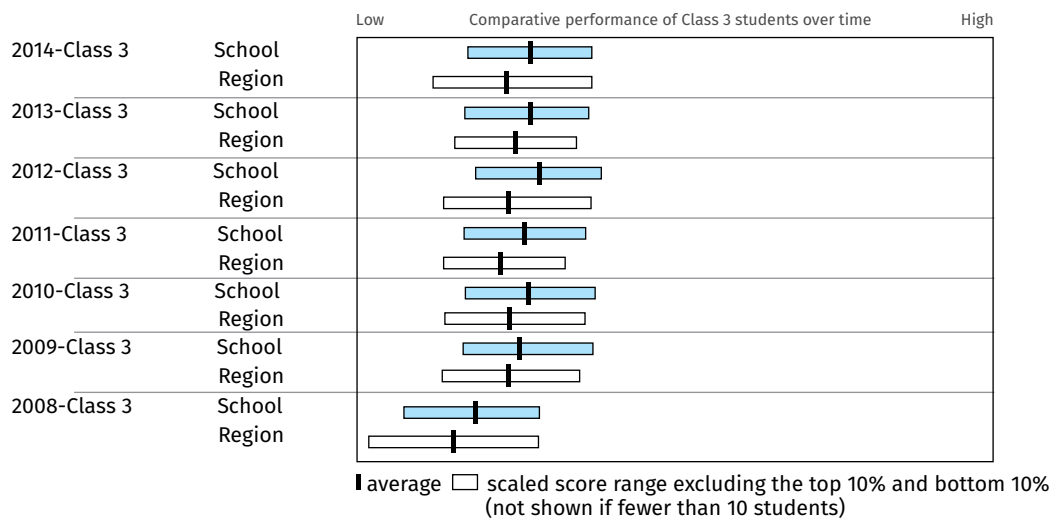
Each school receives the IAS School Report that contains a detailed breakdown of students' responses to individual questions and identifies strength and weakness in various skill areas. The school's overall results are presented as a comparison against all other schools that participated in the region.

Each student receives a detailed diagnostic IAS Student Report providing a comprehensive analysis of the student's performance in the school and the region.

IAS 2015 results will be made available in March 2016. Schools and students can view their reports online by logging on to www.macmillaneducation.in/iais

2014 Mathematics - Comparison of Class 3 Students Over Time

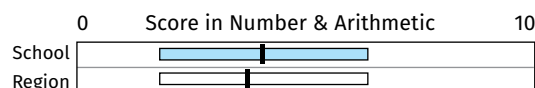
The graph below compares the performance of Class 3 for the past seven calendar years.



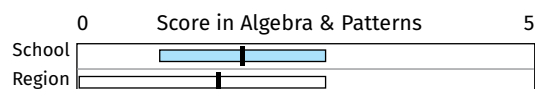
2014 Mathematics - Class 3 - Analysis by Skill Area

The graphs below show the performance of Class 3 students in each of the different areas assessed.

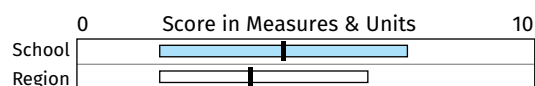
Number & Arithmetic		
	School	Region
Number of Questions	10	10
Average Score	4.5	4.1
Highest Score	8	10
Questions 4, 5, 8, 11, 12, 20, 25, 27, 34, 36		



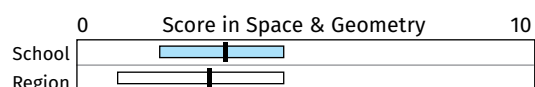
Algebra & Patterns		
	School	Region
Number of Questions	5	5
Average Score	2.0	1.7
Highest Score	5	5
Questions 2, 23, 26, 33, 39		



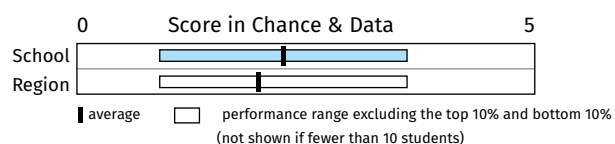
Measures & Units		
	School	Region
Number of Questions	10	10
Average Score	5	4.2
Highest Score	9	10
Questions 1, 9, 10, 15, 18, 22, 28, 29, 35, 37		



Space & Geometry		
	School	Region
Number of Questions	10	10
Average Score	3.6	3.2
Highest Score	7	8
Questions 3, 6, 13, 17, 19, 30, 31, 32, 38, 40		



Chance & Data		
	School	Region
Number of Questions	5	5
Average Score	2.5	2.2
Highest Score	4	5
Questions 7, 14, 16, 21, 24		





**Learn by understanding...
not by rote.**

...a wonderful opportunity for the children to participate in a global assessments and testing their academic skills in Science, English, Mathematics and Digital Technologies. It was a revealing to let the students know their strengths and weaknesses and give the school a comparative study of the students.

*-Nitu Bakshi, Co-ordinator,
Delhi Public School, Mathura Road, Delhi*

...very happy with the test results and how they were given. We found the way they showed the results very easy to read and helpful. The way they had broken the questions up into skill areas of the subject was great for our curriculum development and knowing what our students' strengths and weaknesses are.

*-Mrs Fiona Hall, Admissions Manager, Coordinator of Student Services,
International School Dhaka, Bangladesh*

...is an excellent system of assessment by assessing the intelligence, skills and concepts of the child and not merely his or her power of retention or diligence.

*-M Bhattacharya, Headmistress,
Dolna Day School Trusst, Kolkata*

...International Assessments for Schools conducted by Educational Assessment Australia (UNSW Global) has maintained a high degree of academic probity for the cognitive, reasoning, interpretative, objective and problem solving skills of the pupils.

*-Mrs Asha Sharma, Indian
Educational School, Safat, Kuwait*

Skill Based Assessment for Learning

Exam Details & Registration

FEES INFORMATION:



Please log on to www.macmillaneducation.in/exam-fee for IAS 2015 information

Registration for IAS 2015 is now open

MATHEMATICS

Skills Assessed
Number & Arithmetic
Algebra & Patterns
Measures & Units
Space & Geometry
Chance & Data

Class Level	No. and type of questions	Test Duration
Classes 3 to 5	40 multiple-choice	1 hour
Classes 6 to 12	35 multiple-choice 5 free-response questions	1 hour 20 min



SCIENCE

Skills Assessed
Interpreting data
Investigating
Measuring and observing
Predicting/Concluding from data
Reasoning/Problem solving

Class Level	No. and type of questions	Test Duration
Classes 3 & 4	30 multiple-choice	45 minutes
Classes 5 & 6	40 multiple-choice	55 minutes
Classes 7 to 12	45 multiple-choice	1 hour



ENGLISH

Skills Assessed
Reading for meaning in literary texts
Reading for meaning in factual texts
Textual devices
Syntax
Vocabulary

Class Level	No. and type of questions	Test Duration
Classes 3 & 4	45 multiple-choice	45 minutes
Classes 5 & 6	50 multiple-choice	50 minutes
Classes 7 & 8	55 multiple-choice	55 minutes
Classes 9 to 12	60 multiple-choice	1 hour



DIGITAL TECHNOLOGIES

Skills Assessed
Common operating systems and hardware
Graphics and multimedia
Internet and email
Programming and scripting
Spreadsheets and databases
Word processing

Class Level	No. and type of questions	Test Duration
Classes 3 & 4	30 multiple-choice	30 minutes
Classes 5 & 6	35 multiple-choice	35 minutes
Classes 7 & 8	40 multiple-choice	40 minutes
Classes 9 & 10	45 multiple-choice	45 minutes



The IAS tests consist of a range of multiple-choice and free-response questions. Each question merits one mark. The final score is a total of correct answers and no marks are deducted for wrong answers.

For Classes 3 to 7, calculators and log tables are not allowed

For Classes 8 to 12, calculators are not allowed, but log tables are permitted

For further information and registration please contact the nearest Macmillan office or HelpDesk.

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Website: www.macmillaneducation.in/iais

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For sample questions and diagnostic report guide visit www.macmillaneducation.in/iais