

## International School of Arts & Sciences

### MAP

The Measure of Academic Progress (MAP) results show that our students are showing remarkable progress across the academic year 2017-2018. Teachers worked on action plans based on the MAP performance report of each class. Each class was divided into 3 groups: students who scored below average, on average, and above average. A set of skills to be reinforced and developed is selected for each group based on the MAP Student Profile Report. Students are exposed to the language of testing by using the newly adopted online platform "IXL". This platform is directly linked to our curriculum. In addition, IXL has an enormous impact on student learning and specifically supports growth on NWEA MAP tests.

### PISA

The 15-year-old students in our school scored higher in PISA 2012 than the 15-year-old students did in PISA 2015. The scores moved within level 2 in mathematics and science and declined from level 3 to level 2 in reading.

PISA 2015 results showed a gender gap in mathematics, reading and science performance in favor of girls. There was a difference of 10 points in mathematics, 61 points in reading and 25 points in science. The gap in reading is equivalent to one and a half full years of schooling.

PISA 2015: In mathematics, reading and science, 42%, 41% and 46% respectively of our students were classified 'at risk' and therefore the lowest performers.

PISA 2015: Expatriates students performed at Level 2 in all three subjects, while Emirati students performed at Level 1 in all three subjects. In mathematics, there was a difference of 51 points between the two groups of students. In reading, the difference was 62 points and in science it was 51 points.

Emirati scores in mathematics in our school were 84 points below the OECD scaled average of 500. This is equivalent to two full years of schooling.

Emirati scores in reading in our school were 112 points below the OECD scaled average of 500. This is equivalent to more than two and a half full years of schooling.

Emirati scores in science in our school were 105 points below the OECD scaled average of 500. This is equivalent to almost two and a half full years of schooling.

International School of Arts & Sciences- US Curriculum						
TIMSS						
Subject	Grade	2011 Score	2015-Target	2015 Score	TIMSS International Benchmarks	Dubai Private Schools Score
Science	4	459	494	481	Intermediate	530
Math	4	452	487	467	Low	521
Science	8	444	469	463	Low	538
Math	8	430	455	466	Low	524

### TIMSS

Grades 4 and 8 students in our school scored higher in TIMSS 2015 than TIMSS 2011. The scores in math moved from 452 to 467 in grade 4 and from 430 to 466 in grade 8. In Science, the scores moved from 459 to 481 in grade 4, and from 444 to 436 in grade 8.

In mathematics, in grades 4 and 8, 15% of our students were classified as top performers.

In science, in grades 4 and 8 respectively, 22% and 17% of our students were classified as top performers.

In mathematics, in grades 4 and 8 respectively, 22% and 24% of our students were classified 'at risk' and therefore the lowest performers. In science, in grades 4 and 8 respectively, 15% and 23% of our students were classified 'at risk' and therefore the lowest performers.

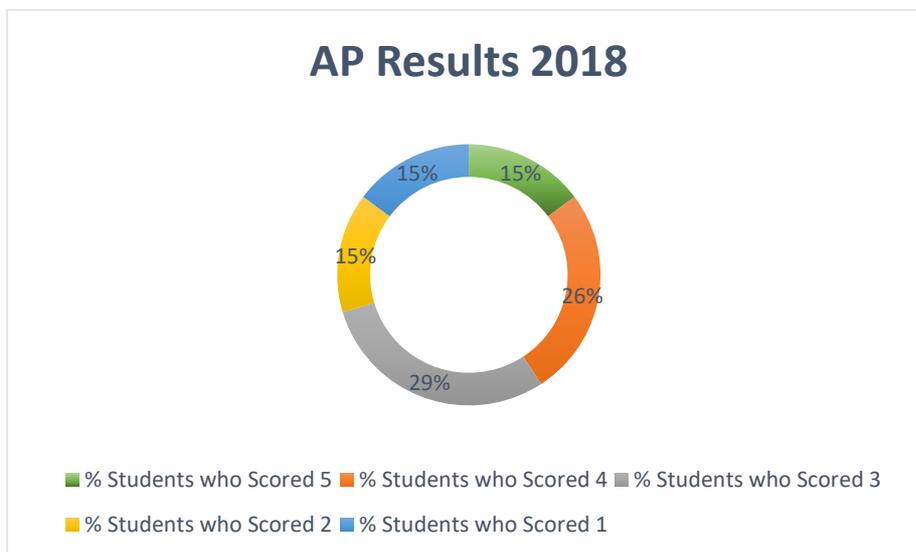
TIMSS 2015: Expatriates students performed at TIMSS intermediate benchmark level in both subjects, while Emirati students performed at TIMSS low international benchmark level in both subjects. In mathematics, there was a slight difference of 16 points in grade 4 and significant difference of 59 points in grade 8 between the two groups of students. In science, there was a slight difference of 18 points in grade 4 and significant difference of 64 points in grade 8 between the two groups of students.

**Advanced Placement (AP courses)**

ISAS has a long history of helping students to achieve excellent AP results. From our very first year of offering the AP program, ISAS's students have scored significantly good results. Our program has grown substantially over the years to include a variety of courses (English Language and Composition, Calculus AB, Chemistry, Biology, Computer Science A, Computer Science Principles, French Language and Culture, Human Geography, Physics 1, Physics 2, Psychology, Studio Art: 2-D Design Portfolio, Studio Art: 3-D Design Portfolio, Studio Art: Drawing Portfolio, and Art History), and thus include more students who wish to undertake the challenging AP courses.

**2018 Results at a Glance:**

AP Score	5	4	3	2	1	Total
Number of Students	8	14	16	7	7	52
Percentage of Students	15%	27%	31%	13%	13%	100%



## **Academic Excellence**

This year heralded another successful university application season for the International School of Arts & Science:

- A student from class of 2018, received a 100% scholarship at New York University and is currently studying his freshman year at its Abu Dhabi campus.
- A student from class of 2018, received a \$10,000 scholarship at Massachusetts College of Pharmacy and Health Sciences, USA, and is currently studying towards a Medical degree over there.
- A student from class of 2018 got admitted to University of the Arts London, one of the best art and design universities in the UK.
- 37% of Class of 2018 got admitted and went to universities abroad outside the UAE.

## **Previous Achievements to Celebrate:**

- A student from class of 2016 got a \$20,000 scholarship to Depaul University in USA.
- A student from class of 2016 got a 100% scholarship to Mohammed Bin Rashid University of Medicine and Health Sciences.
- A student from class of 2016 got admitted to University of Toronto, one of the top universities in Canada and the world.
- 41% of Class of 2016 got admitted to and went to universities abroad outside the UAE.
- A student from class of 2017 got 100% scholarship to King Fahd University of Petroleum and Minerals.
- A student from class of 2017 got admitted to Kings College London, one of the best universities in the UK.
- Two students from class of 2017 got admitted to University of Bath, one of the best universities in the UK.
- 34% of class of 2017 got admitted to and went to universities abroad outside the UAE.