



## PROMOTION OF THE INTEREST FOR MATHEMATICS AMONG HIGH SCHOOL STUDENTS IN MOROCCO

### 👉 The Moroccan school system

It is divided into 3 cycles: Primary School (6 years), Secondary School (3 years) and High School (3 years). The latter's graduates receive the Baccalaureate certificate. Access to primary education is compulsory for all Moroccan children at the age of 6 years.

The first two cycles (Primary and Secondary) ensure the development of basic reading, writing and calculation skills. High School is intended for a first orientation between majors in the Letters and Human Sciences and majors in Mathematics and Experimental Sciences. Further orientation occurs in Higher education.

### 👉 Majors of the scientific pole at the end of high school

#### Experimental science :

- Major in Physics;
- Major in Life and Earth Sciences.

#### Mathematical Sciences :

- Option A: Major in Mathematics + Physics and minor in Life and Earth Sciences;
- Option B: Major in Mathematics + Physics and minor in Engineering Sciences.

### 👉 Some figures from the Mathematics Sciences

School year	baccalaureate			
	Mathematical Sciences. A		Mathematical Sciences B	
	Students enrolled	Girls enrolled	Students enrolled	Girls enrolled
2008/2009	5180	2241	1426	605
2015/2016	5060	2347	2010	860

### 👉 Some guidance measures and advanced programs available

Development of preparatory classes for engineering schools

Partnership with Civil Society Associations (Mathematics)

Development of orientation towards the scientific and technological sectors

Web-based support sites

Organization of the open competition and award of excellence scholarships

Encouragement of the use of mathematical software

Participation in regional and international Mathematics Olympiads



PAMO 2017, Morocco



MYMC 2016, Italy



IMO 2016, Hong Kong