The American School of Marrakesh
Math 6
2015-2016

Teacher: Mr. Christopher Orense

Course Overview: This course introduces students to the study of the real number system and its properties including the different operations on integers, fractions, and decimals. It aims to develop students' skills in solving problems through the study of expressions, equations and inequalities. Emphasis is placed on making connections in algebra to arithmetic, geometry, and statistics. Critical thinking skills and computer technologies are essential components in this course.

Course Description:

I.   Rational Numbers and Number Operations
  a. Review of addition, subtraction, multiplication and division, and statistics (mean, median, mode, range)
  b. Division of Multi-digit numbers
  c. Factors and Multiples
  d. Operations on Fractions
  e. Ratios and Unit Rates
  f. Operations on Decimals
  g. Integers
  h. Ordering Rational Numbers
II.   Coordinate System and Distance Formula
III.   Expressions
IV.   Equations and Inequalities
V.   Geometry
  a. Perimeter, Area and Volume
  b. Measurement
  c. Geometric Construction
VI.   Statistics
  a. Variability
  b. Data Distributions

A more specific calendar and course detail can be found on the class website

(http://asmmsmath.weebly.com)

Textbook: <u>**Math 6**</u> (Houghton Mifflin)

Course Grade Design:

Tests	40%
Quizzes	30%
Classwork Assignments	30% *(includes homework, classwork, notebook check, projects, participation, behavior log)*

Class Expectations and Teacher Support:

Students are expected to be in their seats with their materials on their desk and ready to learn by the time the bell rings. Respect, responsibility and concentration are expected and developed. **I encourage everyone to ask questions!** The teacher is available for consultations in cases where students need extra help. Please make arrangements with the teacher for the best schedule that works for both the teacher and the student.

Materials:

binder (at least 1 inch thick)

lots of loose leaf paper

pencils

pens

textbook.

Contact Information

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Class Website: http://asmmsmath.weebly.com