

MIDDLE SCHOOL COURSE OVERVIEW

Course Title	Teachers
Mathematics Grade 7	Lori Hymes

Course Description
The major content in Mathematics 7 is comprised of the following critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples.

Topics /Activities - Semester 1: August-December
During the first semester we will focus on the following Units: 1) Apply and extend previous understandings of operations with fractions to add, subtract, multiply and divide rational numbers. 2) Use properties of operations to generate equivalent expressions. 3) Solve real-life & mathematical problems using numerical & algebraic expressions & equations. 4) Analyze proportional relationships and use them to solve real-world and mathematical problems- this will continue into January.

Topics /Activities - Semester 2 : January-June
During the second semester we will focus on the following Units: 5) Draw, construct, and describe geometrical figures and describe the relationships between them.: 6) Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

Basis of Student Assessment and Grades
Students will be assessed separately on their achievement and effort using the standards and benchmarks established by the school for this course. Typical assessments include: tasks, explanations, formative, cooperation, presentations, and summative assessments.

Effort and Attitude Expectations		
Commitment to Learning	Collaboration and Respect	Self-Management
<ul style="list-style-type: none"> ● Be on time and ready to learn. ● Have a growth mindset. ● Take responsibility for your own actions. ● Use technology appropriately. ● Each assignment is due at the beginning of the next class period, unless you are told otherwise. ● If an assignment is not completed, printed, or submitted on Moodle before class starts, it will be considered late. This will be reflected in your effort grade. ● If you are absent, it is your responsibility to find out what you missed from Moodle or a classmate and turn in missed work. ● You will be given one class per day day of absence to make up missed assignments. 		

Required Materials
Students should bring a water bottle, fully charged laptop and a pencil case (containing at least 2 pencils, 2 pens, small ruler and eraser) to every class. In math class they must have their math notebook and unit packets for each class.

Text
<i>Mathematics for the International Student- 7MYP</i> - each student has one copy at home and an electronic copy is available on the moodle

Teacher Contact Details	Moodle Link
Lori Hymes lori.hymes@icsaddis.edu.et	http://elearning.icsaddis.edu.et

Samson Abraham Samson.Abraham@icsaddis.edu.et

Middle School Section
Math 7