Teacher:	Subjects:	Room Number
Mr. Heirigs Miss Gates Mrs. Gerhardt Miss Loranger	Math 7	706 704 710 708

Lois & Jerry Tarkanian Middle School
Student Expectations 2019-2020

Course Scope

Math 7	This one-year course is designed to focus on four 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. Instructional practices incorporate integration of diversity awareness including appreciation of all cultures and their important contributions to society. The use of manipulatives, mathematical tools, and technology, including calculators and computer software, is an integral part of this course. This course fulfills the mathematics requirement for seventh-grade students.

Course Goals

1. To develop the Standards for Mathematical Practice. [CCSS]

2. To analyze proportional relationships and use them to solve real-world and mathematical problems. [CCSS: 7.RP]

3. To apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers. [CCSS: 7.NS]

4. To use properties of operations to generate equivalent expressions. [CCSS: 7.EE]

5. To solve real-life and mathematical problems using numerical and algebraic expressions and equations. [CCSS: 7.EE]

6. To draw, construct, and describe geometrical figures and describe the relationships between them. [CCSS: 7.G]

7. To solve real-life and mathematical problems involving angle measure, area, surface area, and volume. [CCSS: 7.G]

8. To use random sampling to draw inferences about a population. [CCSS: 7.SP]

9. To draw informal comparative inferences about two populations. [CCSS: 7.SP]

10. To investigate chance processes and develop, use, and evaluate probability models. [CCSS: 7.SP]

Recommended Materials

It is expected that each student come to class every day with the following items: pencils, eraser, red or green ballpoint pen, highlighter, colored pencils and 2 spiral or composition notebooks, depending on the teacher. Students may also have a set of multiplication and division flashcards at home to practice their math facts.

Textbook and other Resources Information

The textbook for this course is Glencoe Math: Built to the Common Core Course 2, Volume 1 & 2. A textbook will be assigned to each student for his/her personal use. Each student is responsible for the care and protection of assigned textbooks and will be required to reimburse the school ($10.00 per book/$20.00 total) for loss of the textbook or damage that interferes with the usage of the textbook.

Assignments and Homework

In general, classwork is assigned Monday through Friday. Students will need to finish any classwork at home that was not completed in class. Students will be responsible for keeping track of their homework assignments and any missing work. Daily class agendas, weekly focus and unit titles, homework assignments and project/test important dates will be published to each teacher's Google Classroom. Homework will be assigned per teacher policy. It is the students' responsibility to obtain make-up work upon returning from any absence.

Evaluation and Grading System

All grades will be based on the following scale:
               A (90 – 100%),   B (80 – 89%),   C (70 – 79%),   D (60 – 69%),   F (0 – 59%)

Quarter grades will be based on the following weighted point system.
    Assessment: 70%   Classwork/Homework:30%

Semester grades will be based on the quarter grades (two at 40% each) and a semester exam (20%).

Citizenship grades will be determined by each student's ability to make good choices regarding respect and responsibility as determined by school and classroom rules and procedures including late and missing work.

Please Note: Parents can use the internet to follow their child's weekly progress in all classes through *Infinite Campus*. For more information on this service, please call the school at 702-799-6801.

Expected Student Behavior	Consequences / Rewards

Mutual Courtesy / Mutual Respect
 	
Respect for oneself and others is achieved through positive interactions with those around you. To ensure that classroom activities benefit all, students will be expected to:
 	
Be Respectful
 	
Be Safe
 	
Be Proud
 	
Be Responsible
	All students have the right to learn; any behavior which disrupts this process will be addressed through a variety of methods including, but not limited to:
	    Phone calls/letters/emails to parents
	    Parent conferences
	    Reduction in citizenship grade
	    Detention
	    Loss of privileges
	    Dean's referral/detention
	Students who contribute to a positive educational experience for themselves and their fellow classmates can expect the following rewards:
	    Commendable citizenship grades
	    Positive phone calls/letters/emails to parents
	    Academic and privilege passes
	    Participation in grade-level activities
	    Field Trip privileges