



Lois & Jerry Tarkanian Middle School

Pre-Algebra 8 Student Expectations 2019-2020

Teacher:	Subjects:	Room Number
Ms. Blanke	Pre-Algebra 8	810
Ms. Spalding		808
Mrs. Saqib		812

Course Scope

Pre-Algebra	This one-year course is designed to focus on three critical areas: 1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; 2) grasping the concept of a function and using functions to describe quantitative relationships; and 3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem. 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 eighth-grade students.
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Course Goals

<ol style="list-style-type: none">1. To develop the Standards for Mathematical Practice.2. To know that there are numbers that are not rational and approximate them by rational numbers.3. To work with radicals and integer exponents.4. To understand the connections between proportional relationships, lines, and linear equations.5. To analyze and solve linear equations and pairs of simultaneous linear equations.6. To define, evaluate, and compare functions.7. To use functions to model relationships between quantities.8. To understand congruence and similarity using physical models, transparencies, or geometry software.9. To understand and apply the Pythagorean Theorem.10. To solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.11. To investigate patterns of association in bivariate data.
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Recommended Materials

<p>It is expected that each student come to class every day with the following items:</p> <ul style="list-style-type: none">• Pre-Algebra Semester 1 and Semester 2 Math Handbook• See teacher for notebook requirements (i.e. composition or spiral)• Google Classroom account• Pencils and erasers• Correcting Pen – any color other than black• Highlighters• Glue sticks (optional)

Textbook and other Resources Information

The textbooks for this course are in the form of a spiral Math Handbook. Students will receive one handbook per semester. The Math Handbook contains classwork/practice, vocabulary/notes, homework, and test review and is **mandatory** to have every day in class. There will be a replacement fee of \$5 each.

Assignments and Homework

In general, classwork is assigned weekdays. Agendas, classwork, homework, and upcoming tests/quizzes will be posted on your student's Google Classroom and/or Google Calendar. It is each student's responsibility to obtain make-up work upon returning from any absence. Work that is submitted following excused absences will be accepted per the district's absence policy (see Math Department Late Work Policy sent home with your student).

Evaluation and Grading System

All grades will be based on the following scale:

CR (100% credit) 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.

Assessments(Formative and Summative) = 70% and Assignments(Homework/Classwork) = 30%

Semester grades will be based on 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. Every 3 missing/late assignments per quarter will lower students' citizenship grade by one grade (O, S, N, U).

*Please Note: Parents can use the internet to follow their child's weekly progress in all classes through the Parent Portal on **Infinite Campus**. For more information on this service, please call the school at 799-6801 ext. 4200.*

Expected Student Behavior

Tarkanian's Positive Behavior Expectations (4 B's)

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:

Be Respectful – Follow directions the first time, use academic vocabulary, and use appropriate voice & tone.

Be Safe – Keep hands, feet and objects to yourself.

Be Proud – Always do your best; assist others when appropriate; give thanks to teachers and peers; and keep the school clean.

Be Responsible – Bring necessary materials and complete work on time; arrive to class on time; ask for help when needed at the appropriate time; and use electronic devices at teacher's discretion.

Consequences / Rewards

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 to parents
- Parent conferences
- Reduction in citizenship grade
- Detention
- Loss of privileges
- Discipline Referral

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 to parents
- Participation in grade-level activities