

6th Grade Pre-AP Math Syllabus

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Course Information:

Sixth grade mathematics includes a study of the concepts and skills associated with the understanding of numbers, the place-value system, the basic operations (addition, subtraction, multiplication, and division) and operations with decimals and fractions. Students will study problem solving techniques, measurement concepts using both metric and customary units, properties and relationships of geometric shapes; the representation of numbers on a line, percent, and ratios to describe proportional relationships. Emphasis is placed on acquiring problem solving skills, understanding of fractions and decimals, and understanding of the properties and relationships of geometric shapes. Algebraic reasoning with a focus on equations and relationships as well as proportional relations will be covered. This course will include the appropriate use of graphing technology. **Pre-AP sixth grade** mathematics includes topics covered in Grade 6 Mathematics with a more in-depth, rigorous study of fractions, algebraic reasoning and proportionality.

Text:

Motivational Math will be the primary math text for the class. Students will receive a Motivational Math Independent Workbook along with online access.

Supplementary Resources:

Many resources are available to students to support them in their learning. They are encouraged to make use of the resources in the classroom as well as the library and the technology demonstrated and offered to them to further assist them in the learning process.

www.learnzillion.com

www.khanacademy.org

www.mathplayground.com

www.virtualnerd.com

Website:

Each class period will have their own Google classroom page where class announcements and assignments may be posted.

Goals:

All students should be able to reason and communicate proficiently in mathematics. They should have knowledge of and skill in the use of the vocabulary, forms of representation, materials, tools, techniques, and intellectual methods of the discipline of mathematics, including the ability to define and solve problems with reason, insight, inventiveness and proficiency.

Requirements:

Active Class Participation
Group Collaboration
Assessment at the end of each Unit

Course Calendar/Schedule:

First CBA: October 11, 2018
Second CBA: December 11, 2018
STAAR- Monday May 13, 2019

Grading Policy:

50% - daily class work/quizzes
40% - tests/projects
10% - homework

There will be a minimum of 10 grades every six weeks.

*District Curriculum-Based Assessments (CBAs) are calculated as part of the Major Grades/Projects category.

Grading Practices:

Six weeks grades shall be obtained by averaging daily work (homework, class work, or daily/pop quizzes, MISD Curriculum Based Assessments, etc.) and major grades (tests, projects, lengthy assignments, etc. The exceptions include Science classes which may include grades for labs, and Language Arts classes which may include grades for writing assignments. Daily assignments may count more than once, but no more than twice.

Test Retakes:

- Students who fail a major test/assessment or quiz (below 70%) will be allowed to correct up to a 70% grade.
- Students who are unhappy with their score on a major test/assessment or quiz (other than CBAs) will be allowed to retake the assessment after students have proven they have worked outside of class to adequately learn the material. The student's grade will be replaced with whatever score, higher or lower, that they receive on the retake.
- Students will have to make arrangements with the teacher to correct a major test/assessment or quiz and all retakes
- All corrections must within one two weeks of the assignment being returned. Students are encouraged to attend tutorials.

Absences/Late Work:

If student is absent it is their responsibility to pick up any assignments missed and to turn in any assignments due upon their return. If assignment is not turned in the following late policy will be applied:

- 1 class day late – grade may be reduced up to 10 points
- 2 class days late- grade may be reduced up to 20 points.
- 3 class days late – up to teacher discretion

Course Policies:

Attendance – Regular school attendance is essential for students to gain the maximum benefit from teacher-led and school activities. An unexcused tardy will result in action being taken in accordance with school policies.

Class Participation - Students should participate actively in class discussions and work cooperatively in groups with their peers.

Missed Exams- Students can makeup assignments or tests after excused absences. Students will have the same number of days they are absent to make up work.

Intermediate School Grading Guidelines

Teachers shall determine student progress using a grading scale of 0-100.

- 90-100 = A
- 80-89 = B
- 70-79 = C
- Below 70 = Failing

Citizenship

- I = Incomplete (“I” is not an academic grade, but indicates incomplete work.)
- E = Excellent
- S = Satisfactory
- N = Needs Improvement U = Unsatisfactory

Posting Student Work

Student grades will be posted in Skyward parent portal within five business days for daily grades and major grades. Special consideration is given to major projects, including lengthy writing assignments.

Homework

Intermediate schools will provide for homework-free extended holidays. (Thanksgiving Break, Winter Break, and Spring Break)

Semester Grades

Semester grades are computed by averaging the numerical grades recorded for each of the three grading periods within the semester. The three grading periods will equal 100% of the student's grade (33.3% per grading period). Credit is awarded at the end of the academic year.
*No semester exams are administered at the intermediate level.

UIL Eligibility (“No Pass/No Play”)

- Semester grades are computed by averaging the numerical grades recorded for each of the three six week reporting periods.
- Each six week grading period will stand alone for eligibility purposes.
- A student who is declared academically ineligible after a six week grading period will be able to regain eligibility if all of the student's grade averages are 70% or higher at the subsequent 3 week grade reporting period.
- See MISD Board Policy FM (LOCAL) – Exempt Courses.

Academic Dishonesty - A student found cheating or aiding in cheating will receive a grade of zero on the assignment and the teacher will contact the parent. Cheating will include being in possession of another student's assignment without the teacher's permission.