Grade 7 Mathematics SYLLABUS (AAC)

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Office Hours: (1:30-2:10) on Mondays and Fridays

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| **GRADING PERIOD** | **UNIT/TOPICS** |  | **UNIT/TOPICS** |
| **1st Nine Weeks** | **Represent and Apply Real Numbers**  Sets and Subsets of Real Numbers, Addition, Subtraction, Multiplication, and Division of Rational Numbers, Scientific Notation, Square root, Ordering Real Numbers, Pythagorean Theorem  **Similarity and Transformations**  Similarity, Scale drawing, and Transformations, | **3rd Nine**  **Weeks** | **Geometry**  Circumference of circle, Area of circle, Volume and surface area of 3-D figures, and Area of Composite Figures |
| **2nd Nine Weeks** | **Linear Relationships**  Linear Proportional Relationships, Linear non-proportional Relationships, and Constant of Proportionality, Calculating Slope  **Equations and Inequalities**  Solving two-step equations and two-step inequalities, Translating verbal statements into two-step equations and inequalities, Modeling two-step equations and inequalities | **4th Nine Weeks** | **Data Analysis, Probability, and Financial Literacy**  Probability of simple and compound events, Tree diagrams, circle graphs, dot plots, Random sampling, budgets, Simple Interest, Compound Interest, Assets, Liabilities, and Income Tax. |

**Class Supply List**

* Pencils, Sharpeners, Erasers
* 4 Plastic folders with pockets and prongs
* 1 ream of copy paper
* 1 packet of Notebook Paper

**CLASSROOM EXPECTATIONS:**

* Students are expected to come into class on time and settle down quietly.
* Classroom disruption will **NEVER** be tolerated. (No side conversations during teacher instruction.)
* It is the student’s responsibility to bring his or her own pencils to class. The teacher will not be providing students with pencils.
* Students are not allowed to use profanity in class.
* All assignments are to be submitted by their due date.
* It is the student’s responsibility to get to class on time. Tardiness will be accounted for daily by teacher.
* Students are to adhere to the district’s dress code policy. Please refer to power-point or student handbook for dress code information.

**CONSEQUENCES**

May occur in any order as the result of misconduct.

* Verbal warning
* Behavior Intervention Form
* Phone call home
* Detention
* Parent/Student/Teacher conference
* Referral to administration

**HOMEWORK**

Homework will be given at least 3 times per week. Homework is designed to help the students to practice what they have learned in class. All problems are to be attempted, no work = no credit! All home-work assignments are to be submitted online. This includes evidence of shown work. Students can also submit evidence of shown work in class as back up.

**PLEASE NOTE THAT 10 POINTS WILL BE DEDUCTED DAILY FOR LATE SUBMISSION!!!!!**

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| **GRADE TYPE** | **FREQUENCY** | **WEIGHT** |
| Tests/Projects | 2 or more per grading cycle | 50% |
| Classwork/Quizzes | Quizzes - Weekly or every other week  Classwork - Daily | 50% |

**GRADING POLICY**

**GRADING SCALE**

**A = 90 – 100**

**B = 80 – 89**

**C =70 – 79**

**F = 0 – 69 (Failure).**

**We look forward to a great year!**