

Middle School Mathematics

2023-2024 - 2nd & 6th Period

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Course Description

In Middle School Math, we will study and practice addition, subtraction, multiplication, division, place value, fraction/decimals/percents, geometry, data, time, money, measurements, and word problems. In addition to applying mathematical practices, students will use critical thinking, understand and solve mathematical problems, display and communicate mathematical procedures, and work cooperatively to increase mathematical knowledge and performance.

Course Goals

- ★ Read, write, explain, compare, and round numbers using numerals, number names, and expanded form and use place value understanding to add, subtract, and multiply multi-digits.
- ★ Represent and solve problems involving addition, subtraction, multiplication, and division. And explain patterns in arithmetic and expressions.
- ★ Develop understanding of fractions, decimals, and percents as numbers with comparison, equivalence, ordering, conversions, and operations.
- ★ Identify, describe, analyze, compare, compose, and classify shapes based on their attributes including understand, identify, measure, and draw lines and angles while understanding, recognizing, and calculating perimeter, area, and volume.
- ★ Represent and interpret data and also solve problems involving time, money, and measurements
- ★ Represent the context of a word problem with pictures, models, equations and/or variables.

Materials

- ★ Charged personal device & charger**
 - Google Classroom (Don't forget to **SAVE**)
 - IXL, Khan & other educational apps
 - World Wide Web (Don't forget to **LOG-IN**)
- ★ Pencils & erasers
- ★ Line & graph papers
- ★ Spiral notebook & 3-ring binder
- ★ Graph & basic calculator**
- ★ Dry erasers board and markers
- ★ Coloring & gluing materials
- ★ Positive Attitude
- ★ Good Work Ethics

WSD have Chromebooks & calculators to borrow

Responsibilities & Expectations

- ★ Follow Terriers Pride Expectations and Mr. Joseph's Mathematics & Class Expectations*
- ★ Keep personal devices away during lectures & discussions and keep your personal devices charged for classwork
- ★ Show up on time, be attentive, stay involved, be respectful, be responsible & productive
- ★ Keep up with your assignments
- ★ Be ready to work with ideas & people
- ★ Be good. Learn lots. Have fun. Do your best.

Expectations & policies can be found in the Handbook, in school/classroom, and/or online.

Grading Categories

65% = Performance

(Assignments, Quizzes, Tests, Projects, etc)

25% = Participation

10% = Attendance

Grading Letter

Grade Letter	Grade Number	Grade Point
A	93-100	4.0
A-	90-92.9	3.7
B+	87-89.9	3.3
B	83-86.9	3.0
B-	80-82.9	2.7
C+	77-79.9	2.3
C	73-76.9	2.0
C-	70-72.9	1.7
D+	67-69.9	1.3
D	60-66.9	1.0
F	<60	0

*** This syllabus is subject to change at the discretion of Washington School for the Deaf and Mr. Craig Joseph***