

Practical Mathematics

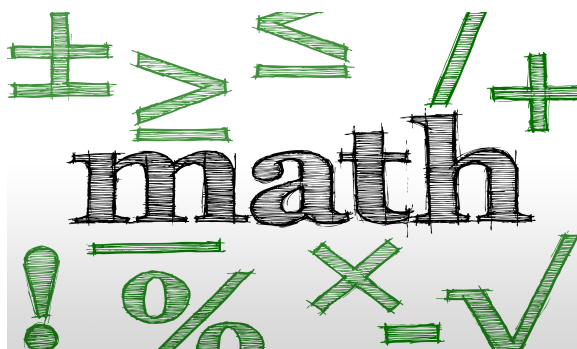
2023-2024 - 5th Period

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(After school visitation upon availability
and by appointments)



Course Description

In Practical Math, we will study and practice multiplication, division, order of operations, fractions/decimals/percents & their conversions, geometry, data, basic graphing, basic probability & statistics, 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

- ★ Understand and use place value including decimals.
- ★ Perform four operations (including order of operations) with multi-digits while gaining familiarity with factors and multiples and analyze patterns to write and interpret math expressions.
- ★ Understand fraction comparison, equivalence, ordering, and decimal fractions for fraction operations and fraction/decimals/percent conversions.
- ★ Understand, identify, measure, and draw lines and angles, and also classify shapes based on their properties and calculate their area and volume.
- ★ Represent and interpret data and also solve problems involving measurements and conversion of 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 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

| Letter grade | Percent ranges | Scale value |
|--------------|----------------|-------------|
| 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***