

Practical Math

Course description

Practical Math is a yearlong class for high school students, continuing from the previous Practical Math course. The focus will be on strengthening students' knowledge of the order of operations and the following units. Additionally, students will engage in activities designed to improve their mathematical comprehension, solve mathematical problems, utilize a math journal, and work cooperatively to enhance their knowledge and performance. A positive attitude and strong work ethic are encouraged.

Materials Needed

Students will be given school devices to access the textbook, take notes, and submit homework electronically through Google Classroom.

<https://classroom.google.com/>

Grading Scale

Quarterly grading will be determined as follows:

Participation	20%
Quizzes	30%
In-class work	50%
Total	100%

IXL and Khan Academy

IXL is assigned every week. Students are assigned IXL that fits their level and also what is being taught currently. Grades are based on score and effort. 80% shows understanding. 60-79% shows attempted knowledge and below 60 shows students need more support.

Artificial Intelligence (AI) Guidelines

Teachers may use these AI levels, to communicate their expectations for students' use of AI to complete various creative assignments in and out of the classroom. If a teacher has yet to specifically indicate whether generative AI is recommended or permitted for an assignment, students should ask before using generative AI. When generative AI is recommended or permitted, students should rely on their classroom teacher for further guidance on the extent to which they may use it in the context of the specific assignment.

Homework

Each student must submit their completed homework to receive full credit. All assignments and due dates are posted on Google Classroom. Late homework will not be accepted more than 2 weeks after the due date. I am available by appointment after school from 3-4 pm for questions or extra help.

Aaron Stribling

aaron.stribling@cdhy.wa.gov (preferred)

VP: (360) - 553-4615

Room 235 Divine

Operations and Algebraic Thinking

- Mixed numbers
- Equivalent fractions
- Comparing and Simplifying Fractions
- Ratios

Geometry

- Angles and Polygons (including Drawing Polygons, Quadrilaterals, Special Triangles)
- Circles
- Area, Perimeter, and Volume

Graphing and Statistics

- The Coordinate Plane (including Graph on the Coordinate Plane)
- Graphs (Line Graphs, Bar Graphs, Histograms)
- Statistics (Mean, Median, Mode)

Time and Measurement

- Elapsed Time
- Temperature
- Length, Weight, and Volume

Attendance

Students are required to show up for class. Attendance will be recorded. If you are unable to be in class, your Parents/Guardians must contact Rima Nandakumar rima.nandakumar@cdhl.wa.gov for the absence to be excused.

Responsibilities & Expectations

- Follow Terriers Pride Expectations and Mr. Stribling's Class Expectations*
- Keep personal devices away during lectures & discussions and keep your personal devices charged for classwork
- Keep up with your math note taking & assignments
- Show (and keep) your work
- 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 the classroom, and/or online.

