

Middle School Math

Course description

Join us for a dynamic year-long class where students will explore key mathematical concepts, including basic arithmetic, rational numbers, and measurement. We'll cover operations like addition, subtraction, multiplication, and division, as well as decimals, fractions, and percents. The course also focuses on measuring length, weight, temperature, elapsed time, and understanding shape measurements such as perimeter, area, and volume. Students will engage in critical thinking, develop problem-solving skills, and collaborate to enhance their mathematical understanding. 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%
Class work	50%
<hr/>	
Total	100%

IXL and Khan Academy

Every week, students will be assigned IXL and Khan Academy exercises tailored to their current level and the ongoing lessons. Grades will be determined based on scores and effort. Achieving 80% or higher indicates a strong understanding, while scores between 60% and 79% reflect attempted knowledge. Scores below 60% indicate that students may require additional support.

<https://www.ixl.com/>

<https://www.khanacademy.org/>

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.

Aaron Stribling

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

VP: (360) - 553 - 4615

Room 235 Divine

Arithmetic

- Multiplication and Division
- Addition and Subtraction
- Patterns and Relationships
- Solving Equations

Rational Numbers

- Understand Fractions
- Operations with Decimals
- Fraction Multiplication
- Percents and Their Operations

Physical Dimensions

- Length
- Weight
- Temperature
- Elapsed Time

Shape Measurement

- Perimeter and Area
- Circle and Polygon Area
- Volume

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.

Attendance

Regular attendance is mandatory for all students. Attendance will be documented. In cases of absence, it is necessary for your Parents/Guardians to contact Rima Nandakumar at rima.nandakumar@cdhl.wa.gov in order for the absence to be considered excused.

Responsibilities & Expectations

- Follow Terriers Pride Expectations and Mr. Stribling's Class Expectations*
- Keep personal devices away during lectures & discussions and keep your school 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.