

# 7th Grade Math Syllabus

**Teacher:** Kendra Paulsen

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**Course Description:** This course is designed to provide an opportunity for students to develop math skills involving rational numbers operations, proportional relationships, percent problems, equivalent expressions, equations and inequalities, populations, probability, and geometry.

## Course Goals and Standards:

- Analyze proportional relationships and use them to solve real-world and mathematical problems.
- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.
- Use properties of operations to generate equivalent expressions.
- Solve real-life and mathematical problems using numerical and algebraic expressions and equations.
- Draw, construct, and describe geometrical figures and describe the relationships between them.
- Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.
- Use random sampling to draw inferences about a population.
- Draw informal comparative inferences about two populations.
- Investigate the chance processes.
- Develop, use, and evaluate probability models.

**Required Materials:** pencils, paper, calculator, ruler

**Grading:** Grades will follow the Baltic School District scale to the right and will be based on a combination of the following:

- Class work and participation
- Homework/daily work
- Quizzes and tests

Students will receive  $\frac{1}{2}$  credit on work that is turned in late. Students may work out extra credit opportunities and scheduling changes with the teacher as needed. **Retakes on quizzes and tests are possible for grades below 76.5%.**

94.5-100	A
92.5-94.49	A-
90.5-92.49	B+
87.5-90.49	B
85.5-87.49	B-
83.5-85.49	C+
78.5-83.49	C
76.5-78.49	C-
74.5-76.49	D+
71.5-74.49	D
69.5-71.49	D-
0-69.49	F

**Absences:** If a student is absent from class, they have two days to make up missed work (yes, we did something when you were gone!). Please check in with the teacher if you know you are going to be absent to determine what you will miss and work out arrangements to make up the work.

**Classroom Conduct:** Students are expected to follow the guidelines as laid out in the student handbook, as well as the following classroom expectations. Failure to do so will result in a warning. Following violations will be handled as laid out in the Baltic School District behavior plan.

- Be respectful
- Be responsible
- Be safe
- Be the best you you can be
- ASK QUESTIONS!

**Technology Statement:** School computer use is a privilege, not a right. If students are caught using the computer for off-task purposes (email, inappropriate sites, etc.), they will be asked to shutdown the computer and participation points will be deducted for that day. *Cell phones are not permitted in the classroom.*

**Student Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_