

6th Grade Math Syllabus

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Course Description: This course is designed to provide an opportunity for students to develop math skills involving rational numbers, integers, numeric and algebraic expressions, equations and inequalities, ratios and rates, percentages, area and volume, and data summarization.

Course Goals and Standards:

- Understand ratio concepts and use ratio reasoning to solve problems.
- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
- Compute fluently with multi-digit numbers and find common factors and multiples.
- Apply and extend previous understandings of numbers to the system of rational numbers.
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- Reason about and solve one-variable equations and inequalities.
- Represent and analyze quantitative relationships between dependent and independent variables.
- Solve real-world and mathematical problems involving area, surface area, and volume.
- Develop understanding of statistical variability.
- Summarize and describe distributions.

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/learning opportunities and scheduling changes with the teacher as needed. **Retakes on quizzes and tests are possible for grades below 76.5%.**

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|------------|----|
| 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 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: _____