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Dear Parents and Guardians,

Welcome to an exciting new school year! I'm thrilled to be working with your child in 7th Grade Math, where we'll explore the beauty and logic of mathematics through a problem-solving lens. This year, our classroom will be a space where curiosity is encouraged, mistakes are embraced as learning opportunities, and every student is empowered to think critically and creatively.

Our Approach: Math Through Problem Solving

In 7th Grade Math, we go beyond memorizing formulas—we focus on understanding *why* math works. Students will engage in real-world scenarios, collaborative challenges, and open-ended tasks that build deep mathematical thinking. We'll explore topics such as ratios, proportions, percentages, rates, arithmetic, algebra, probability, and geometry, always emphasizing reasoning and multiple solution strategies.

Grading Policy

Your child's progress will be assessed using the following breakdown:

Category	Weight
Classwork	60%
Quizzes/Projects	20%
Participation	10%
Homework	10%

- **Classwork** includes daily problem-solving tasks.
- **Quizzes/Projects** assess understanding through both traditional assessments and creative applications.
- **Participation** reflects engagement, effort, and collaboration.
- **Homework** reinforces concepts and builds independent thinking.

At-Home Support

Students will bring home their **math workbook daily**. Please encourage your child to review completed problems, and practice similar questions. This habit builds confidence and retention.

You don't need to be a math expert to help—just ask your child to explain their thinking. Often, teaching someone else is the best way to learn!

Stay Connected

I believe in strong communication between home and school. If you ever have questions, concerns, or insights about your child's learning, please don't hesitate to reach out. Together, we can make this a year of growth, discovery, and mathematical joy.

Looking forward to a fantastic year ahead!

Warm regards,

Sincerely,

Mr. Afzaal

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Mr. Zaffar

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Pacing Information	
Unit Teacher flex is supported and encouraged Prioritize unit completion	Teacher Flexibility Window
<u>Unit 1</u> - Scale Drawings <i>Standards: NY-7.G.1, NY-7.G.6</i>	September-October 13 - 18 periods
<u>Unit 2</u> - Introducing Proportional Relationships <i>Standards: NY-7.G.1 NY-7.G.6. NY-7.RP.1, NY-7.RP.2, NY-7.RP.2a, NY-7.RP.2b, NY-7.RP.2c, NY-7.RP.2d</i>	October 14 - 18 periods
<u>Unit 4</u> - Proportional Relationships & Percentages <i>Standards: NY-7.NS.2d, NY-7.RP.1, NY-7.RP.2, NY-7.RP.3</i>	November - December 15 - 19 periods
<u>Unit 5</u> - Rational Number Arithmetic <i>Standards: NY-7.EE.3 NY-7.EE.4. NY-7.EE.4a. NY-7.NS.1. NY-7.NS.1a, NY-7.NS.1b, NY-7.NS.1c, NY-7.NS.1d, NY-7.NS.2, NY-7.NS.2a, NY-7.NS.2b, NY-7.NS.2c, NY-7.NS.3, NY-7.RP.2</i>	December - January 17 - 20 periods
<u>Unit 6</u> - Expressions, Equations, and Inequalities <i>Standards: NY-7.EE.1, NY-7.EE.2, NY-7.EE.3, NY-7.EE.4, NY-7.EE.4a, NY-7.EE.4b, NY-7.NS.1, NY-7.NS.1a, NY-7.NS.1c</i>	January - February 19 - 27 periods
<u>Unit 8</u> - Probability & Sampling <i>Standards: NY-6.NS.7b NY-6.SP.5, NY-6.SP.6, NY-6.SP.7, NY-6.SP.8, NY-6.SP.8a, NY-7.NS.1, NY-7.SP.2d, NY-7.SP.3, NY-7.SP.4, NY-7.SP.8a, NY-7.SP.8b, NY-7.SP.8c</i>	March - April 20 - 25 periods
<u>Unit 3 (Post Test)</u> - Measuring Circles <i>Standards: NY-6.G.2, NY-7.EE.3, NY-7.G.1, NY-7.G.4, NY-7.G.6, NY-7.RP.2, NY-7.RP.2a, NY-7.RP.2c, NY-7.RP.3</i>	May 8 - 14 periods
<u>Unit 7 (Post Test)</u> - Angles, Triangles, and Prisms <i>Standards: NY-7.EE.4, NY-7.G.2, NY-7.G.3, NY-7.G.5, NY-7.G.6, NY-7.NS.1</i>	May - June 12 - 20 periods
<u>Unit 9</u> - Putting It All Together	June