

# Articulate Math

## Welcome to 7<sup>th</sup> Grade Pre-algebra!

**A**re you excited about algebra? That word probably excites everyone, but not necessarily in a good way. My goal this year is not only to prepare you for algebra by teaching the knowledge and skills you will need but also to get you excited about algebra in a good way—or at least to make it not so scary.

My motto is “Articulate Math” because I believe that math requires well-constructed words as much as pictures and symbols. In addition to my state certification in math, I also have a degree in technical writing and experience writing both fiction and non-fiction. Good communication skills are important in teaching math so I can make ideas as clear as possible for you.



But I’m not in this alone. You must also put forth effort to learn the skills that you need for algebra next year. Practice is required for understanding and retention.

I am planning many activities that I hope will be as fun for you as they are educational. I’m looking forward to being your teacher this year!

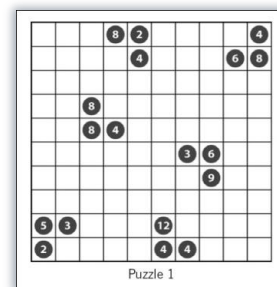
## Don’t be Puzzled!

Do you like puzzles?

This year, you will gain a deeper understanding of mathematical concepts and deductive reasoning through fun logic puzzles such as Shikaku,

Hashiwokakero,

Nurikabe, and Slitherlink. You will also practice using mathematical language to communicate solutions to these puzzles.



## Special Points of Interest

- Discover a proof of the Pythagorean Theorem
- Develop deductive reasoning skills with logic puzzles
- Connect concepts to real-life and to algebra, geometry, and even calculus
- Visualize concepts and solve problems using Geometer’s Sketchpad
- Communicate concepts and ideas using mathematical language

## Contact Me

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