

Teacher

Erin Knight

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Brief Introduction of Instructor & Class

Hello!

I'm Erin Knight, a 3rd grade teacher at AB Combs Leadership Magnet Elementary School. This is my 6th year teaching. During that time, I have taught both second and third grade. Math is certainly a strong passion of mine. I love helping students develop critical thinking skills in order to tackle challenging problems and extend their learning.

The overall goal for this class is to provide students with opportunities to practice problem-solving skills through pre-algebra activities and build a strong foundation for algebra. This course will allow incorporate new learning through critical thinking activities and challenges. We will extend many upper elementary math concepts and review early middle school concepts, while also practicing arithmetic skills through fun and engaging games.

Required Textbooks/Extra Resources

There will not be a textbook for this course. Students will have the opportunity to take home resources provided in class for extra practice. I will be using the [Art of Problem Solving: Prealgebra](#) to guide the lessons. Additional resources are listed below:

- [Math Stretch App](#)
- [CorbettsMaths](#)

Class Goal and Students Evaluations

The goal of this class is to encourage students to develop problem solving and critical thinking skills, while demonstrating mastery of key elementary mathematic concepts. At the end of every class, students will take a short formative quick check to gauge their level of understanding. These assessments will be used to adjust instruction as needed. Any misconceptions will be addressed and reviewed at the beginning of the next class period.

Other: Feel free to reach out if students or parents have any questions, comments, or concerns. I am looking forward to a wonderful semester!

* indicates 1st/last activity class, Yellow means no activity class on that week.			
Week	Date	Activity Class	Weekly Syllabus Spring 2020
1	1/11/2020	RACL starts, No Activity Class	
2	1/18/2020	*First Activity Class #1	Pre-Assessment
	1/25/2020	Chinese New Year, No Class	
3	2/01/2020	Activity Class #2	Properties of Arithmetic
4	2/08/2020	No Activity Classes	
5	2/15/2020	Activity Class #3	Exponents
6	2/22/2020	Activity Class #4	Number Theory
7	2/29/2020	Activity Class #5	Fractions
8	3/07/2020	Activity Class #6	Equations and Inequalities
9	3/14/2020	Activity Class #7	Decimals, Review Concepts
10	3/21/2020	Activity Class #8	Ratios, Conversions, and Rates
11	3/28/2020	Activity Class #9	Percents
NO CLASS	4/04/2020		
NO CLASS	4/11/2020		
12	4/18/2020	Activity Class #10	Square Roots
13	4/25/2020	Activity Class #11	Angles
14	5/02/2020	Activity Class #12	Area and Perimeter
15	5/09/2020	Activity Class #13	Right Triangles and Quadrilaterals
16	5/16/2020	Activity Class #14 *Last Activity Class	Data and Statistics, Cumulative Review of Concepts