

Ms. Carnes

(MS)²TC Math Teacher

6/7a Accelerated

Phone: (586) 574-3171 extension 20132

E-mail: ccarnes@wcskids.net

Website: www.msccarnes.weebly.com

Twitter: @Ms_CCarnes and search #ms2tc

Remind Text Messages: Text 81010 with your student's section code:

6C: @carnes6c

6E: @carnes6e

6D: @carnes6d

Welcome! My name is Cayna Carnes, and I am looking forward to working with your son or daughter this year in math class! This is my 11th year of teaching and my first year at (MS)²TC! Before (MS)²TC I taught at Cousino High School for 5 years, North Star Academy for 2 years, and Beer Middle School for 3 years. I graduated from the University of Michigan in 2005 with a bachelor's degree in math and history, and a secondary teaching certificate. I graduated from Eastern Michigan University in 2012 with a master's degree in educational leadership. I love teaching math and working with kids to help them love math too!

What we are learning in 6/7a Accelerated this year:

The Number System

- 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.

Ratios and Proportional Relationships

- Understand ratio concepts and use ratio reasoning to solve problems.
- Analyze proportional relationships and use them to solve real-world and mathematical problems.

Expressions and Equations

- Apply and extend previous understandings of arithmetic to algebraic expressions.
- Reason about and solve one-variable equations and inequalities.
- Represent and analyze quantitative relationships between dependent and independent variables.
- Use properties of operations to generate equivalent expressions.
- Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

Geometry

- Solve real-world and mathematical problems involving area, surface area, and volume.
- Draw, construct and describe geometrical figures and describe the relationships between them.

Statistics and Probability

- Develop understanding of statistical variability.
- Summarize and describe distributions.

Mathematical Practices:

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Ms. Carnes

(MS)²TC Math Teacher

7b/8 Accelerated

Phone: (586) 574-3171 extension 20132

E-mail: ccarnes@wcskids.net

Website: www.msarnes.weebly.com

Twitter: @Ms_CCarnes and search #ms2tc

Remind Text Messages: Text 81010 with your student's section code:

7C: @carnes7c

7D: @carnes7d

Welcome! My name is Cayna Carnes, and I am looking forward to working with your son or daughter this year in math class! This is my 11th year of teaching and my first year at (MS)²TC! Before (MS)²TC I taught at Cousino High School for 5 years, North Star Academy for 2 years, and Beer Middle School for 3 years. I graduated from the University of Michigan in 2005 with a bachelor's degree in math and history, and a secondary teaching certificate. I graduated from Eastern Michigan University in 2012 with a master's degree in educational leadership. I love teaching math and working with kids to help them love math too!

What we are learning in 7b/8 Accelerated this year:

The Number System

- Know that there are numbers that are not rational, and approximate them by rational numbers.

Expressions and Equations

- Use properties of operations to generate equivalent expressions.
- Solve real-life and mathematical problems using numerical and algebraic expressions and equations.
- Work with radicals and integer exponents.
- Understand the connections between proportional relationships, lines, and linear equations.
- Analyze and solve linear equations and pairs of simultaneous linear equations.

Functions

- Define, evaluate, and compare functions.
- Use functions to model relationships between quantities.

Geometry

- Understand congruence and similarity using physical models, transparencies, or geometry software.
- Understand and apply the Pythagorean Theorem.
- Solve real-world and mathematical problems involving volume of cylinders, cones and spheres.

Statistics and Probability

- Use random sampling to draw inferences about a population.
- Draw informal comparative inferences about two populations.
- Investigate chance processes and develop, use, and evaluate probability models.
- Investigate patterns of association in bivariate data.

Mathematical Practices:

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.