



# 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> Grade Mathematics

## 2019-2020 School Year

### About Me

I recently graduated from the University of Wisconsin- Eau Claire in May 2018 with a Bachelor of Science Degree in Middle Childhood- Early Education and Mathematics. During school I was involved in Best Buddies, Telefund, and running club. I studied abroad in Australia my sophomore year of college. After I graduated from UW- Eau Claire, I gained more experience in the classroom as a substitute teacher. This summer I was a director for Vacation Bible School. I enjoy running, camping, cooking, and crafting.

### Contact Information

**Teacher:** Rachel Ericson  
**Email:** rericson@nativitybloomington.org  
**Phone:** 952-881-8160 ext. 113  
**School Website:**  
<http://school.nativitybloomington.org/>  
**Classroom Updates:**  
<https://classroom.google.com/>  
 Announcements, homework, test dates, and projects will be posted on google classroom, as well as the white board in my classroom.  
**Grades:** <https://educate.tads.com/educate/>

### Textbook/Publisher

Grade 6 envision Math 2.0/Pearson  
 Accelerated Grade 7 envision Math 2.0/Pearson  
 envision Algebra 1/Pearson

### Grading Policy

#### Grading Scale

98%-100%	A+	77%-79%	C+
93%-97%	A	73%-76%	C
90%-92%	A-	70%-72%	C-
87%-89%	B+	67%-69%	D+
83%-86%	B	63%-66%	D
80%-82%	B-	Below 62%	D-

#### Weighted Grading Scale

Assignments are based on assessments and practice.  
 60% Assessments (Tests and quizzes)  
 40% Practice (Homework, class work, participation, group work)

### Flexible Seating Expectations

- Seats will stay at the station.
- Choose a seat that will help you to do your best work.
- Use each seat appropriately.
- If your seat is not working for you, move and find a new spot.
- Take care of community supplies.
- ANY teacher can move ANYONE at ANYTIME if they are not following the expectations.

### Small Group Expectations

- Everyone contributes
- On task
- Respect each other
- Work as a team
- Try your best

## **Assignments, Redo's, Retakes, Absences**

### **Tests/Quizzes**

Quizzes will be given periodically. Notes may be used for these assessments. Tests will be given at the end of each chapter. No notes may be used for tests. Quiz and test retakes will be allowed if the student shows they have completed additional studying. Students will need to complete a retake form for quizzes and tests, stating their methods to improve their score. The retake form also requires a parent signature. Scores will be averaged between the original quiz or test and the retake. Quizzes and tests can be taken again until a week before the end of the trimester.

### **Homework/Class work/Group work**

Assignments are due the next day of class. (Ex. If homework is assigned Monday it will be due Wednesday). Homework will be graded on accuracy, effort, and completion. Supporting work must be shown for homework. Small group work and in class work will be graded on participation, collaboration, and effort. Students are expected to utilize all class time appropriately. There will be random notebook checks to ensure that each student is taking notes and completing practice problems. Students may redo homework or turn in missing assignments prior to the chapter test. The highest grade a student can earn on a late or redone assignment is a B. Students may not turn in homework after taking the chapter test. Group work and class work may not be redone.

### **Absence**

If a student is gone due to illness or an excused absence, they will not be docked points on late homework assignments and will be able to complete small group work they missed. It is each student's responsibility to seek out assignments they missed.

### **Grade 6 Course Description**

1. Use Positive Rational Numbers
2. Integers and Rational Numbers
3. Numeric and Algebraic Expressions
4. Represent and Solve Equations and Inequalities
5. Understand and Use Ratio and Rate
6. Understand and Use Percent
7. Solve Area, Surface Area, and Volume Problems
8. Display, Describe, and Summarize Data

### **Grade 7 Course Description**

1. Integers and Rational Numbers
2. Real Numbers
3. Analyze and Use Proportional Relationships
4. Analyze and Solve Percent Problems
5. Generate Equivalent Expressions
6. Solve Problems Using Equations and Inequalities
7. Analyze and Solve Linear Equations
8. Use Sampling to Draw Inferences About Populations
9. Probability
10. Solve Problems Involving Geometry
11. Congruence and Similarity
12. Solve Problems Involving Surface Area and Volume

### **Algebra Course Description**

1. Solving Equations and Inequalities
2. Linear Equations
3. Linear Functions
4. Systems of Linear Equations and Inequalities
5. Piecewise Functions
6. Exponents and Exponential Functions
7. Polynomials and Factoring
8. Quadratic Functions
9. Solving Quadratic Functions
10. Working with Functions
11. Statistics