



6th Grade Math



W E S T O T T A W A P U B L I C S C H O O L S
M A C A T A W A B A Y M I D D L E S C H O O L

1st Semester Math Units

- Whole Numbers & Exponents
- Algebraic Expressions
- Algebraic Equations
- Decimals
- Adding & Subtracting Fractions
- Multiplying & Dividing Fractions

Whole Numbers & Exponents

Students will be able to...

- Divide multi-digit whole numbers.
- Identify and use exponents.
- Understand and use Order of Operations.

Algebraic Expressions

Students will be able to...

- Translate between words & math.
- Translate between tables & expressions.
- Combine like terms.

Algebraic Equations

Students will be able to...

- Translate between words & math.
- Add, subtract, multiply, & divide one-step equations.

Decimals

Students will be able to...

- Represent, compare, & order decimals.
- Add & subtract decimals.
- Solve decimal equations.
- Interpret decimal division answers.

Adding & Subtracting Fractions

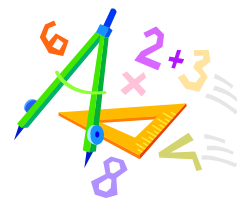
Students will be able to...

- Convert between mixed numbers & improper fractions.
- Compare and order fractions.
- Add & subtract fractions with unlike denominators and mixed numbers.
- Solve fraction equations with addition and subtraction.

Multiplying & Dividing Fractions

Students will be able to...

- Multiply & divide fractions and mixed numbers.
- Solve fraction equations with multiplication and division.



2nd Semester Math Units

- Statistics
- Ratios, Proportions, and Percents
- Geometry
- Integers & the Coordinate Plane
- Inequalities

Statistics

Students will be able to...

- Find mean, median, mode, & range.
- Determine the effect of additional data and outliers.
- Create & interpret line plots, frequency tables, & histograms.

Ratios, Proportions, & Percents

Students will be able to...

- Determine ratios & rates.
- Graph equivalent ratios & rates.
- Set up & solve proportions.
- Convert between decimals & percents.
- Solve percent problems.

Geometry

Students will be able to...

- Calculate the area of rectangles, parallelograms, triangles, & trapezoids.
- Calculate the volume and surface area of prisms.

Integers & the Coordinate Plane

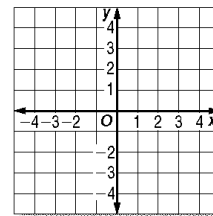
Students will be able to...

- Identify integers and absolute value.
- Compare and order integers.
- Use the coordinate plane to find segment lengths and perimeter.

Inequalities

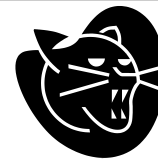
Students will be able to...

- Identify and use one-step inequalities.
- Graph inequalities on a number line.
- Solve algebraic inequalities.





6th Grade Math



TEACHER INFORMATION

Mrs. Kara Lynch 786-2000 x4463 lynchk@westottawa.net
To stay informed of what's happening in Math class, please visit my webpage frequently:
<http://mathlynch.weebly.com>

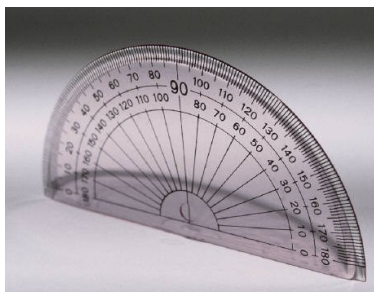
STUDENT INFORMATION

Materials Needed

- Three-hole punched math folder (preferably plastic)
- **Scientific** Calculator with fraction capability
- Pencils & erasers
- Loose leaf paper
- 2-inch three-ring binder or trapper keeper that will be used for ALL core classes

Grading Weight

- Unit Tests 70%
- Quizzes 20%
- Homework 10%



Grading Scale

93 - 100%	A
90 - 92%	A-
87 - 89%	B+
83 - 86%	B
80 - 82%	B-
77 - 79%	C+
73 - 76%	C
70 - 72%	C-
67 - 69%	D+
63 - 66%	D
60 - 62%	D-

CLASSROOM INFORMATION

Resources

- Holt McDougal Mathematics Grade 6, Common Core edition (2012)
- Online textbook & resources:
<http://my.hrw.com>

Homework Policy

- Homework is graded on effort and completion rather than only on right/wrong answers.
- In order to receive full credit, ALL work must be shown, and it must be ON TIME.
- Late homework will be accepted for partial credit within 1 day of the due date. After that, it becomes a zero.

Retake Policy

- Students may retake each test one time. The higher of the two scores will count.
- There are no retakes for quizzes.