

Math Syllabus

Mrs. Deets 6/7 periods

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Welcome! My name is Mrs. Deets, and I am a sixth grade special education teacher here at Fort Atkinson Middle School. At FAMS, math classes span two class periods which provides a solid 80 minutes of math investigation, instruction, and practice. It may sound like a long time to focus on math skills, but please be assured that students will engage in a variety of activities and have a 3-4 minute break during class to allow for restroom and water breaks.

Class Goal: The goal of this math class is to expose student to the main concepts found in the sixth grade math curriculum while still reinforcing and practicing skills deficits that individual students may have that are not directly covered in the math sixth grade curriculum or standards.

Sixth grade Units of Study

Based on the *Connected Mathematics 3* program and Common Core Standards.

These are the units of study in the general education classroom. In my 6/7 hour class students will interact with these concepts with modifications and accommodations recognizing that they may not have mastered all the prerequisite skills needed to complete these units. In addition, students will have access to compensatory tools as needed such as calculators, multiplication tables and manipulatives. Part of each class period will be devoted to the units listed below. During the remainder of class students will continue to build basic/foundational math skills such as number sense, basic fact practice, computation skills, time, and money.

Prime Time: The main focus of this unit is finding and understanding factors and multiples of numbers, finding common factors/multiples, and using the order of operations to solve problems.

Comparing Bits and Pieces: This unit focuses on understanding rational numbers and the idea of equivalence. Students will find equivalent forms of fractions, decimals and percents. Students will also be exposed to ratios as a comparison of two quantities.

Let's Be Rational: This unit continues to focus on fractions, decimals, and percents. Students will learn to add, subtract, multiply, and divide fractions.

Covering and Surrounding: The big goal of this unit is measurement. Students will practice several types of measurements: perimeter, area, surface area, and volume.

Decimal Ops: Students will continue to work with fractions, decimals, and percents. Specifically they will learn how to add, subtract, multiply, and divide decimals to solve problems.

Variable and Patterns: In this unit, students will use data tables, graphs, and equations to solve problems.

Data About Us: This unit allows students to collect, organize, display, and analyze data. Students will find the mean, medians, and mode of data and make decisions about which better represents the data set.

Grading Scale

Grade will be calculated using points. The following percentages will be used to determine final grades. Homework, classwork, quiz and unit test scores will be combined to determine final grades. Students in this class will be allowed and encouraged to make corrections on homework and quizzes that score below a 70%.

A	100-90%
B	89-80%
C	79-70%
D	69-60%
F	- Below 60%

General Classroom Expectations

Respect/Safety:

- Listen attentively when others are speaking
- Use kind words with peers and staff
- Keep hands, feet, and objects to self
- Leave no trace - clean up your materials and return classroom materials

Responsibility:

- Bring assignment notebook, math book and notebook, pencil, to class daily
- Use work time wisely
- Follow teacher directions the first time
- Participate and complete class activities and homework

Students will be writing in their assignment notebook daily for math. I will initial their notebooks to confirm what is written. If homework has been assigned, you will see HW before the assignment. Even if we don't have homework, students will write a brief description of class activities for the day.