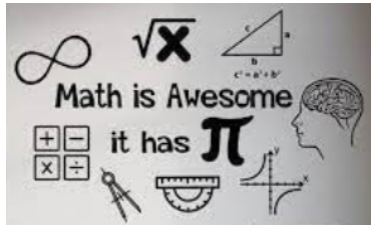


# IRWL Math 7

Mrs. Christine Noviello Sullivan, M.Ed

## Welcome to IRWL Math 7!



**Course Overview:** IRWL Math 7 is a component of the Intensive Reading and Written Language Program. It provides students who have diagnosed reading disabilities (dyslexia) with specialized instruction in mathematics. The IRWL Math 7 aligns with the 7th grade Common Core Mathematics Standards and will investigate a variety of concepts, as well as remediate areas of need.

### Units of Study/Topics:

- **Integers** (defining integers, adding/subtracting/multiplying/dividing integers, applying integer concepts to real-world scenarios)
- **Probability/Statistics** (probability of simple, mutually exclusive, and compound events, making predictions based on experimental and theoretical probability, independent and dependent events)
- **Equations and Inequalities** (solving one and two-step equations, solving and graphing one and two-step inequalities, creating equations and inequalities based on graphs, word problems, or tables)
- **Ratios, Rates, and Proportions** (Identify proportional relationships, solve using a proportion, calculate unit rates, calculate rate of change)
- **Consumer Math** (Calculating tax, tip, and discounts, simple interest, and compound interest)
- **Operations with Fractions** (adding/subtracting/multiplying/dividing fractions and mixed numbers, conversions between fraction/decimals/percents)
- **Geometry** (identifying and calculating adjacent, vertical, supplementary, and complementary angles on a transversal, calculating the volume of three-dimensional shapes, calculating the surface area of three-dimensional figures, applying geometric concepts to real-world scenarios)

**Resources:** The IRWL Math 7 main resource is the *Math Connects Course 1* textbook. Students will have access to the textbooks within the classroom and will also take a textbook home. Students will also use teacher designed resources and curriculum to differentiate the instruction based on students' learning styles and needs. Students will also have access to a Google Classroom that will provide each day's objective, homework assignments, and a variety of resources and templates to assist with their mathematical learning, as well as IXL and iReady.

**Homework:** My philosophy for math homework is to assign concepts that students have previously learned and are able to complete independently and develop mastery. Homework should only take about 10-20 minutes. If students experience any difficulty with their homework, please encourage your child to see me the next day.

**Assessments:** Students in the IRWL Math 7 class will have math assessments as a means of progress monitoring and documenting their understanding of concepts. Students are also assessed informally during class as they work through a variety of concepts at their level. Students will receive grades in Aspen that you and your child will be able to monitor.

**Grading: Grades are on a points system:**

**Homework**

**Graded: Graded Assignments will be graded on accuracy (2-100 pts)**

As students strengthen their individual mathematical reasoning and problem solving abilities, it is my hope that they will build their confidence and take mathematical chances and apply their purposes for situations that they may experience both in the classroom and the outside world...and maybe have a little fun!

**Yours truly,**

**Mrs. Christine Sullivan, M.Ed**

**sullivanc@mersd.org.**