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Tutoring: Thursday afternoons until 4:15



Irmo Middle School

Math 6 Course Syllabus 2019-2020

Course Description

This course is foundational for grade six students. Mathematics instruction will focus on mastery of these concepts: computing with multi-digit numbers, fractions, decimals, percents and integers, ratios and rates, graphing in a coordinate plane, statistical measures and representations, expressions, equations, area, volume, surface area, functions and inequalities. This course aligns with the [South Carolina College- and Career-Ready Standards for Mathematics](#) and the Mathematical Process Standards.

Resources

- Textbook: Math Course 1 published by Glencoe (consumable)
- Other resources may include Scholastic Math, Khan Academy, Algebra Nation, and USA Test Prep to differentiate classroom instruction

Instructional Goals

- To make sense of problems and persevere in solving them.
- To reason both contextually and abstractly.
- To use critical thinking skills to justify mathematical reasoning and critique the reasoning of others.
- To connect mathematical ideas and real-world situations through modeling.
- To use a variety of mathematical tools effectively and strategically.
- To communicate mathematically and approach mathematical situations with precision.
- To identify and utilize structure and patterns.

Math 6 College Prep Course Pacing

1st Nine Weeks Aug 22 - Oct 25	2nd Nine Weeks Oct 26 - Jan 16	3rd Nine Weeks Jan 17- Mar 25	4th Nine Weeks Mar 26 - Jun 5
Unit 1: Compute with Multi-Digit Numbers (Chapter 3)	Unit 4: Fractions, Decimals and Percents (Chapter 2)	Unit 7: Statistical Displays (Chapter 12)	Unit 10: Area (Chapter 9)
Unit 2: Ratios and Rates (Chapter 1)	Unit 5: Integers and Coordinate Planes (Chapter 5)	Unit 8: Expressions (Chapter 6)	Unit 11: Volume and Surface Area (Chapter 10)
Unit 3: Multiply and Divide Fractions (Chapter 4)	Unit 6: Statistical Measures (Chapter 11)	Unit 9: Equations (Chapter 7)	Unit 12: Functions and Inequalities (Chapter 8)

Grading

The grades will be decided by the student's everyday performance. The following percentages will be used to calculate 9 weeks averages:		South Carolina Uniform Grading Scale A = 90-100 B = 80-89 C = 70-79 D = 60-69 F = Below 60
40%	Primary Assessments (Major) Tests, projects, etc.	
40%	Secondary Assessments (Minor) Quizzes, labs, centers, etc.	
20%	Practice Journals, homework, classwork, etc.	
<i>Midterm and final exams will count as 20% of their respective <u>semester</u> average.</i>		

Process for Posting Grades

- 5 school days for minor assignments
- 10 school days for major or extended assignments

Please note: Principals reserve the right to extend the number of days within the Process for Posting Grades due to circumstances that may arise. Parents will be notified in a timely manner of any changes that may occur.

Please sign up for a [parent portal](#) account in order to keep track of your child's grades throughout the year. Contact our front office for assistance in setting up your credentials.

I will primarily use Google Classroom for assignments and classroom discussions. Parents can access their child's Google Classroom account using the student's email address and password. Please look for an email with your parent credentials to get logged in to our class.