Math 1/Math Support Syllabus

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Teacher	Room	@mcsdga.net	Teacher	Room	@mcsdga.net
Mims, William	215	wmims	Yates-Sanders, Pat	215	pysanders
Coney, Kelly	217	kconey	Rigsby, Rick	217	rrigsby
Milner,Rebecca	219	rmilner	Peek, Michael	219	mpeek
Veatch, Kyle	220	kveatch	Green, Alfred	220	agreen

Textbook: Georgia High School Mathematics 1, McDougal Littell
Integrated Mathematics, Level 1, 3rd Edition, Simms

Course Description:

Math 1: Focuses on actively engaging students in the development of mathematical understanding by using manipulatives and a variety of representations, working independently and cooperatively to solve problems, estimating and computing efficiently, and conducting investigations and recording findings. Students will apply mathematical concepts and skills in the context of authentic problems and understand concepts rather than merely follow a sequence of procedures. Students will learn to think critically and understand that there are many different ways to a solution and sometimes more than one right answer in applied mathematics. Each mathematics course integrates concepts from algebra, geometry, and data analysis and probability in order to emphasize the natural connections among mathematical topics.

Support: To provide additional support to students in their effort to meet the standards of more rigorous and relevant mathematics courses. This course is taught concurrently with a student's regular math class, giving extra time and utilizing a variety of strategies to help students build a stronger foundation for success in their current and future mathematics courses.

Objectives/Standards: Students will:

- □ Explore functions and solve simple equations. Simplify and operate with radical, polynomial, and rational expressions.
- □ Use counting techniques and determine probability. Demonstrate understanding of data analysis by posing questions to be answered by collecting data. Organize, represent, investigate, interpret, and make inferences from data.
- □ Explore, understand, and use the formal language of reasoning and justification. Apply properties of polygons and determine distances and points of concurrence
- □ Solve problems using appropriate technology. Communicate mathematically. Reason and evaluate mathematical arguments. Make connections among mathematical ideas and to other disciplines. Utilize multiple representations.

Grading Procedures:

Summative Assessments (Tests)	30%
Classwork/Homework/Quizzes	70%

EOCT = 15% of final grade

90-100	A
80-89	B
70-79	C
0-69	F