

Mathematics 7  
Crabapple Middle School 2009-2010

**Course Description:**

**By the end of Mathematics 7, students will understand the following concepts:**

- use of rational numbers, including signed numbers
- solve linear equations in one variable
- sketch and construct plane figures
- demonstrate understanding of transformations
- use and apply properties of similarity
- examine properties of geometric shapes in space
- describe and sketch solid figures, including their cross-sections
- represent and describe relationships between variables in tables, graphs, and formulas
- analyze the characteristics of linear relationships
- represent and analyze data using graphical displays, measures of central tendency, and measures of variation

**In addition to the on-level curriculum, Math 7 Advanced Courses will:**

- determine the slope of a line
- discover the formula for finding slope give two points on a line, etc.
- analyze the characteristics of inverse relationships

**The pace and the enrichment of both advanced and accelerated courses are conducive to higher levels of understanding and will provide for continuous improvement.**

The Fulton County Schools Curriculum Department provides additional resources for parents regarding the learning objectives for the courses offered in the middle grades. Both the Middle Grades Curriculum Handbook and Learning Objectives resources per grade level provide detailed information. These may be accessed at [www.fultonschools.org/dept/curriculum](http://www.fultonschools.org/dept/curriculum). You may contact the school office to request a printed copy.

**Textbooks Information:**

Advanced Level: *Mathematics Course 3*, Holt (2007), \$55.00

On-Level: *Mathematics Course 2*, Pearson, (2008), \$56.50

Accelerated (year ahead): *Course 2*, Pearson, (2008), \$56.50

Advanced Accelerated: *Course 3*, Holt (2007), \$55.00

All Levels: *Connected Mathematics 2*, Pearson (2006), \$8.50

**Teacher/Parent Communication:**

Communication initiated by parents and teachers is essential to a child's academic and behavioral success. Methods of communications include telephone calls, conferences, the use of the student agenda and email. Parents are strongly encouraged to review the agenda daily to monitor the student's organization and study habits. If anything seems unclear, please feel free to contact the teacher at any time.

**Grading Scheme:**

<i>Weight Names</i>	<i>Percentage of Grade</i>
<b>Summative Assessments</b>	<b>40%</b>
<b>Formative Assessments</b>	<b>25%</b>
<b>Daily Activities</b>	<b>20%</b>
<b>Homework</b>	<b>15%</b>

**Classroom Procedures and Expectations:**

In order to ensure a positive learning environment, all students are expected to follow the "Husky How To's" at all times.

**Teacher Contact Information:**

Teacher Name	Phone Ext.	Email Address	Help Sessions
Duane Perozzi	273	perozzi@fultonschools.org	Wednesday 7:35-8:05 Wednesday 3:45-4:15
Amanda Howell	247	howella@fultonschools.org	Wednesday 7:35-8:05 Wednesday 3:45-4:15
Lisa Isbell	245	isbell@fultonschools.org	Tuesday 7:35-8:05 Thursday 3:45-4:15
Alex Richards	257	richardsa@fultonschools.org	Monday 7:35-8:05 Thursday 3:45-4:15
George Sarris	270	sarris@fultonschools.org	Wednesday 7:35-8:05 Wednesday 3:45-4:15
Stella Boayue	234	boayue@fultonschools.org	Tuesday 7:35-8:05 Thursday 3:45-4:15
Roylynn Smith	138	smithr1@fultonschools.org	Wednesday 7:35-8:05 Thursday 3:45-4:15