

Mountain Brook Elementary School  
**FIFTH GRADE COURSE DESCRIPTION**  
2009-2010

**Math: Mrs. Tammy Tolleson**

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Fifth grade math will provide a rich and balanced curriculum through the use of the Everyday Mathematics program. The Everyday Mathematics program was developed through the University of Chicago School Mathematics project. It was developed based on the premise that students can, and must, learn more mathematics than has been expected from them in the past. The program is organized into six strands—operations and computation; numeration; patterns, functions and algebra; data and chance; measurement; and geometry. Every strand is addressed through all grade levels. Each grade level builds on and extends concept understanding so that children approach each challenge from a firmly established foundation.

**Everyday Mathematics instruction:**

High expectations for all students  
Concepts and skills developed over time and in a wide variety of contexts  
Multiple methods and strategies for problem solving  
Collaborative learning  
Cross-curricular applications  
Balance among strands

**Expectations:**

Homework will be assigned Monday – Thursday. All homework needs to be kept in the math section of the binder with the current assignment always on top. The student reference book should be at home for all homework that is assigned.

The student binder, journal, a calculator, pencils, and a red pen are required for class everyday.

Class work is evaluated on work done in class after a concept or skill is taught.

Quizzes will be given to determine the understanding of skills and concepts as we work through a chapter.

Major tests will be given at the completion of a chapter. Advanced notice will be given for all tests. All tests and quizzes need to be signed and then filed in the math test section of the binder.

Grades will be based on tests, quizzes, class work, and homework.

**Science: Mrs. Suzanne Andrews**

**andrewss@mtnbrook.k12.al.us**

Our elementary science program involves the teacher, students, and parents working together. The spotlight shines upon the students asking questions, seeking answers, and becoming problem solvers. Fifth graders work with lab partners as fellow scientists as they collect, organize, and interpret data. Our goal is to promote scientific thinkers that make intelligent decisions and appreciate and enjoy our scientific world.