

May 2011  
Summer Math Work 5th to 6<sup>th</sup> grade

Dear Parents,

This year seems to have passed with amazing speed! I still have vivid memories of the first few days of the school year and here we are with summer quickly upon us!

This letter outlines the summer math assignment. First and foremost, helping your students recognize and engage in the math moments that are a part of everyday activities does wonders to boost confidence and sharpen reasoning. That being said, it is valuable for students to spend focused time over the summer actively engaged in math skill practice. Again this year we are letting parents and students decide what form their review will take.

Success with the accelerated pace of 6<sup>th</sup> grade math requires strong number sense and confidence with a variety of math skills. Students heading into 6<sup>th</sup> grade need to be proficient with a set of basic skills, have confidence in their ability to meet challenges, and be flexible when solving problems. Also, It is crucial that all students have their basic multiplication and division facts firmly in place.

Even though there is no formal set of problems that students are required to hand in, all students are encouraged to fit active, engaged, focused skill practice into their summer schedules.

On the following page is a list of math skills for your child to practice. The resources listed are places I recommend to find problems for your student to use. One of the resources is the math site that accompanies our textbook. It is an amazing resource for worksheets, activities and games for your student.

I have loved guiding your children's math learning this year. Have a fantastic summer!

Sincerely,

Lisa R. Smith

Below you will find the list of math concepts your child should focus on this summer along with the unit, chapter and lesson numbers which show where this material was located in our book. Knowing the unit, chapter and lesson numbers will help you locate the work your child needs on our textbook's web site.

For example: Unit 1, Chapter 1, lessons 1 – 7 in our textbook covered place value. If you want your child to complete work with place value you just need to go to the website, click on grade five, click on leveled practice, then click on Unit 1. You would be directed to numerous activities your child could use to gain more practice.

While I have listed most lessons from our text that were covered this year, not every child will need to complete work from every lesson. The students will need to begin working at a level that is comfortable for them.

### **Concepts/Skills**

Basic Multiplication and Division Facts – your child will be expected to have automatic recall of these basic facts (this was not covered in our text)

Place Value of Whole Numbers and Decimals – Unit 1, Chapter 1, lessons 1 – 7

Multiplying Whole Numbers – Unit 2, Chapter 3, lessons 1 – 8

Divide by One-Digit Numbers – Unit 2, Chapter 4, lessons 1- 7

Divide by Two-Digit Numbers – Unit 2, Chapter 5, lessons 1 – 5 and 7

Units of Measure – Unit 3, Chapter 6, lessons 1 – 5

Number Theory and Fraction Concepts – Unit 4, Chapter 9, lessons 1 – 9

Add and Subtract Fractions and Decimals – Unit 4, Chapter 10, lessons 1 – 6  
Unit 4, Chapter 11, lessons 1 – 3

Multiply and Divide Fractions – Unit 5, Chapter 12, lessons 2, 3, and 5

Multiply and Divide Decimals – Unit 5, Chapter 13, lessons 2, 4, and 5  
Unit 5, Chapter 14, lessons 3 – 7

### **RESOURCES:**

Our textbook website:

<http://www.eduplace.com/math/mw/>

Other websites:

<http://aaamath.com/>

<http://mathplayground.com>