

Welcome to Fourth Grade at Legacy Traditional School,

Parents, the fourth grade team would like to thank you for enrolling your student in our school. We plan on having a great year and look forward to meeting you and your student. We would like to give you a quick look at the math concepts that your student will be learning next year, as they will be learning math at a fifth grade level. We hope by providing a list of key concepts your student will be able work on them over the summer. We have also listed some resources that you can use to create worksheets or find fun lessons to use to help your student. In addition to the few key concepts, we have provided some projects and curriculum information that your student will be responsible for completing this next academic year. Again thank you for choosing Legacy for your student's continued academic growth.

Fourth Grade Team

## Key Math Concepts

- **Telling time to quarter hour and Elapsed Time**

*Sam has to be at school by 8:00am. It takes him 30 minutes to get ready for school. It take him 20 minutes to walk to school. At what time does Sam have to get up in the morning to be at school on time?*

- **Money** (able to recognize coins and bills, know value and how to add and subtract )
- **Subtraction** (with regrouping up to three digits, and zero's)
- **Roman Numerals**
- **Fractions** (understand the parts, numerator and denominator, able to reduce, add and subtract, equivalent fractions)

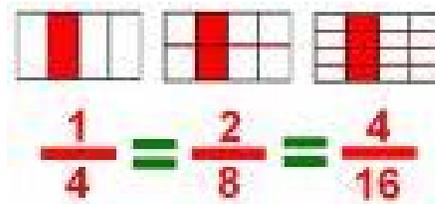
$$\frac{24 \div 2}{40 \div 2} = \frac{12}{20}$$

or

$$\frac{24 \div 4}{40 \div 4} = \frac{6}{10}$$

or

$$\frac{24 \div 8}{40 \div 8} = \frac{3}{5}$$



- **Multi-step word problems**

*The fourth grade needed to find out which class read the most books. Room 16 has twenty-five students in their class and each student read 5 books. Room 19 has twenty-four students in their class and each student read 6 books. Which fourth grade class read the most books?*

*Write the number sentence to solve the problem?  $25 \times 5 =$ ,  $24 \times 6 =$ ,  $144 - 125 =$*

## Special Projects/Curriculum Notes

Each student will be responsible for completing a book report and a poem recitation for each grading period. They will get a packet at the beginning of each period that will give them more information regarding these projects.

**Spalding** is the phonics program taught at Legacy. It is different than what is taught in many other school systems. If you would like more information regarding the program the front office has a packet that you can pick up that will give you a preview of what your student will be learning. We will also be posting the packet online at [www.legacytraditional.org](http://www.legacytraditional.org) so you will be able to access it there as well. . Some parents have also found the following youtube video (<http://www.youtube.com/watch?v=SMAQLW4hIEk&feature=related>) to be helpful in learning more about Spalding phonograms.

**Math Facts** are an important part of our students' education. They will take monthly testing for addition, subtraction, multiplication, and division. These tests are 100 problems and they are timed. *(Over the summer is a great time to purchase flash cards and have your student practice with them.)*

**Science Fair Project** – Each student is responsible for completing an individual science fair project in the spring. An informational packet will go home with more details.

<http://www.mathisfun.com/>

<http://www.superkids.com/aweb/tools/math/>

<http://www.mathfactcafe.com/>

<http://www.superteacherworksheets.com/>