



THE NUMERICAL TIMES



West Haven Public Schools
West Haven, CT
www.whschools.org

November 2013

SRBI Math Groups

SRBI math groups are in full swing at Washington and Savin Rock Schools. Students are enjoying the games and activities teachers have developed to make learning math facts and concepts fun! They also like changing classes and getting to know children from other rooms. For more information on SRBI go to the following link: <http://ps.whschools.org> and click on **Family Guide to SRBI**.



Upcoming Family Math Nights

November 6th : Pagels & Mackrille
Kindergarten Parents only at Mackrille 6:30 - 7:30

November 12th: K-4 S.R.C.S. & Washington
Families at S.R.C.S. 6:30 - 7:30

November 20th: Haley 6:00-7:30 -
presentation done by Mathnasium.

November 20th: Forest

K-4 Current Units of Study

K - Unit 2: Counting and Matching Numbers
6-10 with Comparing

First - Finishing Unit 1: Addition and
Subtraction Within 10 Starting **Unit 2:**
Addition and Subtraction Within 20

Second- Unit 2: Place Value to 1,000

Third - Unit 1: Understanding Multiplication
and Division

Fourth - Unit 2: Understanding and Using
Place Value to Multiply and Divide

Essential Questions

Ask your child to tell you what he/she knows. Do this at the beginning of the unit and then at the end. See how much your child has learned!

K - Unit 2

Why do we count?

How do we use numbers?

How can we describe two numbers?

First - Unit 2

What does it mean to add and subtract?

Why is it important to learn fact strategies?

Second - Unit 2

Why is place value important?

How does understanding place value help you compare the numbers?

Third - Unit 1

How can I use what I already know about addition to help me learn multiplication?

What strategies can I use to remember my multiplication facts?

How can I use what I know about multiplication to help me understand division?

Fourth - Unit 2

What determines the value of a number?

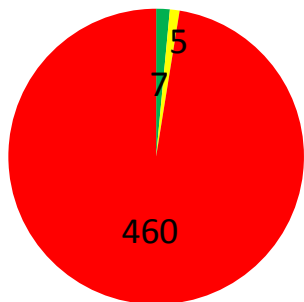
How can I use what I already know about addition to help me learn multiplication?

How can I use what I know about multiplication to help me learn division?

Data Wall

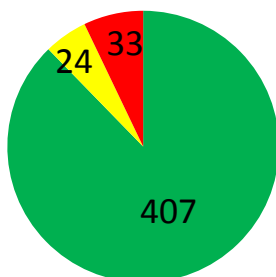
Before a unit of study begins, students take a pretest to determine their current levels of knowledge. Teachers, administrators, and The Math Leadership team collaborate and examine strengths and weaknesses. From there teachers use that data to drive their instruction. Using the curriculum and creating dipsticks (informal mini assessments) that address the individual needs of all students. The students are then given a post test. If a student falls below a Proficient score, teachers use the re-teaching week to continue to address weak areas. Students scoring Goal are given enrichment activities and Proficient scores are given extra in areas missed. Once the re-teaching is completed, students are retested. Teachers, administrators, and The Math Leadership team meet again to go over post data and continue to re-teach in weak areas. Here are some recent pre and post results from Grade 4 students in our district.

Grade 4 Unit 1 Pre CA



■ Goal ■ Proficient ■ Remedial

Grade 4 Unit 1 Post CA



■ Goal ■ Proficient ■ Remedial

Math Riddles!!

(Answer next newsletter)

Mary has three coins of American currency. They are neither quarters, dimes, nor pennies, but they add up to 60 cents. What are they?

(Answers to September Riddles)

How can you add eight 8's to get the number 1,000? (only use addition)

The key to this math riddle is realizing that the ones place must be zero.

$$888 + 88 + 8 + 8 + 8 = 1,000$$

So you think you're good at math? Complete the sequence: 1=3, 2=3, 3=5, 4=4, 5=4, 6=3, 7=5, 8=5, 9=4, 10=3, 11=?, 12=?

Answer: 6. That is the number of letters in the spelling of each number!