

Washington Rose Elementary School
Mr. Braswell- Principal
Mrs. Higgins- Assistant Principal

Ms. Wilkes- Math Specialist

Math News...
“Educating the Whole Child”
May 29, 2014

End of Year Assessments

New York State Math Field Test

Grades 4 and 5 only

Testing Date: Wednesday, June 4, 2014

Right Reason Technology

Grades K-2

Testing Date: Monday, June 9, 2014

Grades 3-6

Testing Dates: Monday, June 9th and Tuesday, June 10th

As the school year begins to come to a close we must take a close look at where are students are and what work still needs to be done.

Have your students met the grade- level required fluencies? Can your students perform calculations and solve problems quickly and accurately? What tool have you used to assess fluency?

- Kindergarten- Add/subtract within 5
- Grade 1- Add/subtract within 10
- Grade 2- Add/subtract within 20
Add/subtract within 100 using paper and pencil
- Grade 3- Multiply/divide within 100
Add/subtract within 1,000
- Grade 4- Add/subtract within 1,000,000
- Grade 5- Multi-digit multiplication
- Grade 6- Multi-digit division
Multi-digit decimal operations

Fluency websites:

<http://resources.oswego.org/games/mathmagician/cathymath.html>

<http://www.multiplication.com/games/play/granny-prix>

<http://www.fun4thebrain.com/addition/diaperadd.html>

<http://nces.ed.gov/nceskids/eyk/> (great website for grade 4)

<http://gotkidsgames.com/tt/tt.html>

Key Areas of Focus

K-2: Addition and subtraction—concepts, skills, and problem solving

3-5: Multiplication and division of whole numbers and fractions—concepts, skills, and problem solving

Grade 6: Ratios and proportional reasoning; early expressions and equations

What should I be working on now?

Kindergarten- Module 6: Analyzing, Comparing, Composing Shapes

Grade 1- Module 6: Place Value

Grade 2- Module 8: Time, Shapes, and Fractions as Equal Parts

Grade 3- Module 7: Geometry and Measurement Word Problems

Grade 4- Module 7: Exploring Multiplication

Grade 5 Module 6: Problem Solving with the Coordinate Plane

Grade 6- Module 6: Statistics

Grade Level Expectations

Grade K

Major Emphasis Clusters

Counting and Cardinality

- Know number names and count sequence.
- Count to tell the number of objects.
- Compare numbers.

Operations and Algebraic Thinking

- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

Number and Operations in Base Ten

- Work with numbers 11-19 to gain foundations for place value

Grade 1

Major Emphasis Clusters

Operations and Algebraic Thinking

- Represent and solve problems involving addition and subtraction.
- Understand and apply properties of operations and the relationship between addition and subtraction.
- Add and subtract within 20.
- Work with addition and subtraction equations.

Number and Operations in Base Ten

- Extend the counting sequence.
- Understand place value.
- Use place value understanding and properties of operations to add and subtract.

Measurement and Data

- Measure lengths indirectly and by iterating length units.

Grade 2

Major Emphasis Clusters

Operations and Algebraic Thinking

- Represent and solve problems involving addition and subtraction.
- Understand and apply properties of operations and the relationship between addition and subtraction.
- Add and subtract within 20.
- Work with equal groups of objects to gain foundations for multiplication

Number and Operations in Base Ten

- Understand place value.
- Use place value understanding and properties of operations to add and subtract

Measurement and Data

- Measure and estimate lengths in standard units
- Relate addition and subtraction to length.

Grade 3

Major Emphasis Clusters

Operations and Algebraic Thinking

- Represent and solve problems involving multiplication and division.
- Understand the properties of multiplication and the relationship between multiplication and division.
- Multiply and divide within 100.
- Solve problems involving the four operations and identify and explain patterns in arithmetic.

Number and Operations – Fractions

- Develop understanding of fractions as numbers.

Measurement and Data

- Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.
- Geometric measurement: understand concepts of area and relate area to multiplication and to addition.

Grade 4

Major Emphasis Clusters

Operations and Algebraic Thinking

- Represent and solve problems involving multiplication and division.
- Understand the properties of multiplication and the relationship between multiplication and division.
- Multiply and divide within 100.
- Solve problems involving the four operations and identify and explain patterns in arithmetic.

Number and Operations – Fractions

- Develop understanding of fractions as numbers.

Measurement and Data

- Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.

Grade 5

Major Emphasis Clusters

Number and Operations in Base Ten

- Understand the place value system.
- Perform operations with multi-digit whole numbers and with decimals to hundredths.

Number and Operations – Fractions

- Use equivalent fractions as a strategy to add and subtract fractions.
- Apply and extend previous understandings of multiplication and division to multiply and divide fractions.

Measurement and Data

- Geometric measurement: understand concepts of volume and relate volume to multiplication

Grade 6

Major Emphasis Clusters

Ratios and Proportional Relationships

- Understand ratio concepts and use ratio reasoning to solve problems.

The Number System

- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
- Apply and extend previous understandings of numbers to the system of rational numbers.

Expressions and Equations

- Apply and extend previous understandings of arithmetic to algebraic expressions.
- Reason about and solve one-variable equations and inequalities.
- Represent and analyze quantitative relationships between dependent and independent variables.

The Mission of the Roosevelt Union Free School District is to educate the Whole Child to excel; thereby, ensuring achievement for all...Failure is NOT an Option.