TAG Math 4th Grade
First Nine Weeks

What will my child be learning during the first nine weeks of school?

- Represent the value of a digit through 1,000,000,000 and decimals ot the hundredths using expanded notation and numerals
- Compare and order whole numbers to 1,000,000,000 and decimals to the thousandths using symbols >, <, or =
- Add and subtract positive rational numbers fluently
- Multiply three-digit by two-digit numbers fluently
- Solve for quotients of up to four-digit dividend by a two-digit divisor using strategies and the standard algorithm
- Estimate to determine solutions to mathematical and real-world problems
- Use UPS✔ to solve word problems involving positive rational numbers using all four operations

Academic Vocabulary

- Place Value
- Expanded notation
- Decimal
- Compatible number
- Estimate
- Round
- Inequality
- Equation
- Remainder
- Difference/Sum
- Factor/Multiple/Product
- Dividend/Divisor/Quotient
- Divisible
- Inverse operation

Developing Mathematical Fluency

- Find opportunities to estimate in the real world
- Look for decimals in the real world
- Ask your student to effectively explain the mathematical thinking and reasoning
- Look for real world examples of equal groups being put together or taken apart
- Give your student a product and one factor and ask for the missing factor

Conversation Starters

- How can estimating help us when solving problems?
- What strategies can I use to estimate?
- How do you know if a number is divisible by 2, 3, 5, 10?
- Is a quotient/product always a smaller/larger number? Why or why not?
- How can you check your work to verify that your solution is correct?
- How would you teach me how to solve this problem?