**6thGrade Math Unit Plan-Fractions**

**Indicators:**

        NS.G.1 Decompose and recompose whole numbers using factors and exponents and explain why “squared” means “second power” and “cubed” means “third power”.

        NS.G.2(a-c) Find and use the prime factorization of composite numbers.

        NS.E.6 Use the order of operations, including the use of exponents, decimals, and rational numbers, to simplify numerical expressions.

        NS.F.10 Recognize that a quotient may be larger than the dividend when the divisor is a fraction.

**Content/Concepts:**

        Greatest Common Factor, Least Common Multiple, prime factorization, order of operations, prime numbers

**Skills:**

Decompose numbers, recompose numbers, multiplication, division

**Critical Questions:**

* How do I find the GCF of a given set of numbers?
* How do I find the LCM of a given set of numbers?
* Can I simplify an expression using order of operations correctly?

**Assessments:**

Daily classroom work

Practice work

Classroom participation

Quizzes

Tests