Fifth Grade   Mathematics

Third Six Weeks

Grade Level Expectations	Checks for Understanding	Student Performance Indicator(s)
GLE 0506.1.2 Apply and adapt a variety of appropriate strategies to problem solving, including estimation, and reasonableness of the solution. GLE 0506.2.2 Write natural numbers (to 50) as a product of prime factors and understand that this is unique (apart from order). GLE 0506.2.5 Develop fluency in solving multi-step problems using whole numbers, fractions, mixed numbers, and decimals. GLE 0506.4.4 Solve problems that require	0506.1.4 Explore problems in different contexts to interpret the meaning of remainders as discrete values or not. 0506.1.5 Solve problems in more than one way and explain why one process may be more effective than another. 0506.1.8 Use patterns, models, and relationships as contexts for writing inequalities and simple equations. 0506.1.9 Use age-appropriate books, stories, and videos to convey ideas of mathematics. 0506.2.2 Use the prime factorization of two whole numbers to determine the greatest common factor and the least common multiple. 0506.2.4 Use divisibility rules to factor numbers. 0506.2.6 Add and subtract mixed numbers. 0506.2.8 Understand that division by zero is undefined. 0506.2.10 Use exponential notation to represent repeated multiplication of whole numbers. 0506.4.7 Understand, select and use units of	SPI 0506.1.1 Given a series of geometric statements, draw a conclusion about the figure described. SPI 0506.1.3 Recognize the unit associated with the remainder in a division problem or the meaning of the fractional part of a whole given in either decimal or fraction form. SPI 0506.2.2 Write the prime factorization of numbers through 50 using both exponential and standard notation. SPI 0506.2.3 Select a reasonable solution to a real-world division problem in which the remainder must be considered. SPI 0506.2.4 Solve problems involving the division of two- and three-digit whole numbers by one- and two-digit whole numbers. SPI 0506.3.1 Evaluate algebraic expressions involving decimals and fractions using order of operations. SPI 0506.3.2 Evaluate multi-step numerical expressions involving fractions using order of operations. SPI 0506.4.6 Record measurements in context to reasonable degree of accuracy using decimals and/or

attention to both approximation and precision of measurement.	appropriate size and type to measure angles, lengths/distances, area, surface area and volume.	fractions.

Word Problems—http://www.mathplayground.com/wordproblems.html

Factorization—http://nlvm.usu.edu/en/nav/frames_asid_202_g_3_t_1.html

　　　　http://www.mathplayground.com/factortrees.html

Dividing by zero— http://mathforum.org/dr.math/faq/faq.divideby0.html