DCP Numeracy Standards

Numeracy

DCP students will be able to:
1) Perform all arithmetic operations.
    1. Add, subtract, multiply, and divide single and multi-digit numbers, including decimals to the thousandths place.
    2. Round numbers to any place value.
    3. Multiply and divide by powers of 10 by moving the decimal point.
    4. Use prime factorizations to find GCFs and LCMs, and to reduce fractions.
    5. Add, subtract, multiply, and divide fractions and mixed numbers.
    6. Convert between fractions and mixed numbers.

2) Demonstrate number sense and confidence with numbers.
    1. Model numbers with base-10 blocks and know how to exchange between place values in the decimal system.
    2. Correctly say and spell individual place values and number names into the billions.
    3. Use strategies to facilitate recall of basic arithmetic facts.
    4. Determine if a number is prime or composite.
    5. Understand division as both "groups of" and "per group".
    6. Use inverse operations to solve subtraction and division problems.
    7. Estimate the value of a fraction, compare two fractions, and put a set of fractions in order.
3) Read, interpret, and create graphical representations of information.
4) Know when and how to apply numeracy concepts to relevant applications.