Fourth Grade Math Learning Progression

Vocabulary: place value, tenths, hundredths, thousandths, dimes, pennies, fraction, equivalent fraction, order, compare, classify

classify decimals and fractions (including Read, write, common mixed numbers) on a number compare, and Manipulate fractions and line, lists, and the order decimal 4.2.D visual symbols <, >, or = decimal fractions Convert a decimal to CCSSM 4.NBT.7 examples of fractions through CCSSM 4.NF.2 Review a fraction and vice tenths and hundredths. place values versa, and visually hundredths from represent the "I can explain and hundredths number. Find demonstrate how to order "I can write, explain and through equivalent fractions and place decimals and demonstrate how equivalent fractions on a thousands from 10ths to 100ths. decimals & fractions are "I can show and explain number line." different fractions to connected, especially with tenths and decimals and decimals Formative Assessments: "I can read money to fractions, and match hundredths on a "I can explain and show Number line number line." notation and tell how fractions to pictures." how to compare dimes Monev many dimes and pennies to pennies and vice Base ten blocks **Formative Assessments:** are there are in a given Formative Assessments: versa, and show **Fraction Strips** Money amount." Money equivalent fractions." Number line Henrys Base Ten Blocks Base ten blocks **Rulers Formative Assessments:** Pie Charts Etc. **Formative Assessments:** Folding strips Fraction War Matching decimal Money examples Money: Decimal War Decimal Cards Pictures and diagrams notation to pictures Fraction/Decimal Bingo 10 dollars to dollars **Circle Fractions** Geoboards Place Value Cards to dimes Decimals/Fractions Fraction/Decimal Bingo White Boards to pennies Decimal War **Northwest Educational** Flip Flops Pictures and diagrams **Service District 189** Place Value Cards Currency examples **Decimal Place Value Game** Fractional comparisons Together We Can Circle Place Value

4.2.B

Math & Science Collaborative Inquiry Project

4.2.A & 4.2.E Represent decimals

through hundredths with place value models, fraction equivalents, and the number

line. Compare and order

Compare and