



NORTHWOOD-KENSETT DESCRIPTORS OF LEARNING -- 4TH GRADE MATH

| <u>Standard</u> | <u>1st Quarter</u> | <u>2nd Quarter</u> | <u>3rd Quarter</u> | <u>4th Quarter</u> |
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| Uses four operations to solve real world problems | Add and subtract up to three digit numbers. | Multiply 2-digit by 2-digit numbers | Divide 4-digit by 1-digit numbers | Add, subtract, multiply, and divide fluently |
| Solve problems involving measurement and conversions of measurement | <ul style="list-style-type: none"> -Convert between inches, feet, and yards -Convert between seconds, minutes, and yards | <ul style="list-style-type: none"> -Convert between grams and kilograms -Convert between millimeters, centimeters, and meters -Convert between liters and milliliters | <ul style="list-style-type: none"> -Convert between ounces and pounds, tons and pounds | <ul style="list-style-type: none"> -Convert between fluid ounces, cups, pints, and gallons |
| Identify number or shape patterns | <ul style="list-style-type: none"> -Draw and Identify points, line segments, lines, and rays -Classify triangles and quadrilaterals -Find perimeters and areas of squares -Draw and identify lines of symmetry -Function machines (In and out tables) | -Not assessed | <ul style="list-style-type: none"> -Create symmetric figures -Find missing side length for a rectangle when given the area | <ul style="list-style-type: none"> -Continue dot patterns -Find areas of rectangles with fractional side lengths |

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| Read, write, and compare multi-digit whole numbers (place value) | -Round whole numbers -Identify the value of each digit in a whole number -Compare whole numbers | -Not assessed | -Not assessed | -Not assessed |
| Fraction operations | -Not assessed | -Identify equivalent fractions -Compare and order fractions -Compare and order decimals | -Add and subtract fractions with like denominators -Add and subtract mixed numbers with like denominators -Add and subtract fractions with denominators of 10 and 100. | -Multiply fractions by whole numbers -Multiply mixed numbers by whole numbers |
| Represent and interpret data | -Not assessed | -Not assessed | -Interpret and create line plots with half inch increments | -Interpret and create line plots with $\frac{1}{4}$ " and $\frac{1}{8}$ " increments |