Student Name_____

Grade 4 Math

Place value

Completed

- 1. Intro to place value ☐
- 2. Regrouping whole numbers ☐
- 3. Writing whole numbers in expanded form ☐
- 4. How 10 relates to place value ☐
- 5. Writing whole numbers in written form ☐
- 6. Comparing multi-digit numbers ☐

Addition, subtraction, and estimation

- 1. Rounding whole numbers ☐
- 2. Adding multi-digit numbers ☐
- 3. Subtracting multi-digit numbers ☐

Multiply by 1-digit numbers

- 1. Comparing with multiplication ☐
- 2. Estimate products ☐
- 3. Multiplication by 10s, 100s, and 1000s ☐
- 4. Multiply with partial products ☐
- 5. Multi-digit multiplication: place value and area models ☐

Multiply by 2-digit numbers

- 1. Multiply by 10s ☐
- 2. Multiply 2-digit numbers with partial products ☐
- 3. Multiply 2-digit numbers with area models ☐
- 4. Estimate products (2-digit numbers) ☐

Division

- 1. Remainders ☐
- 2. Estimate quotients ☐
- 3. Divide multiples of 10, 100, and 1,000 by 1-digit numbers ☐
- 4. Multi-digit division with partial quotients ☐
- 5. Division with place value ☐
- 6. and composite numbers: Factors, multiples and patterns Math patterns: Factors, multiples and patterns ☐
- 7. Division with area models ☐
- 8. Multi-step word problems ☐

Factors, multiples and patterns

- 1. Factors and multiples ☐
- 2. Prime and composite numbers ☐
- 3. Math patterns ☐

Equivalent fractions and comparing fractions

- 1. Math patterns ☐
- 2. Comparing fractions with unlike denominators ☐
- 3. Common denominators ☐
- 4. Comparing fractions with unlike denominators visually ☐

Add and subtract fractions

- 1. Decomposing fractions ☐
- 2. Adding and subtracting mixed numbers ☐
- 3. Adding and subtracting fractions with like denominators ☐
- 4. Adding and subtracting mixed numbers word problems ☐
- 5. Adding and subtracting fractions: word problems ☐
- 6. Fractions with denominators of 10 and 100 ☐
- 7. Mixed numbers ☐

8. Line plots with fractions ☐

Multiply fractions

1. Multiplying fractions and whole numbers visually ☐
2. Multiplying whole numbers and fractions word problems ☐
3. Multiplying whole numbers and fractions ☐
4. Multiplying whole numbers and mixed numbers ☐

Understand decimals

1. Decimal fractions ☐
2. Regrouping decimals ☐
3. Decimal fractions greater than 1 ☐
4. Writing decimals as fractions ☐
5. Writing fractions as decimals ☐
6. Common fractions and decimals ☐
7. Decimals in word form ☐
8. Comparing decimals visually ☐
9. Decimals on the number line ☐
10. Comparing decimals ☐

Plane figures

1. Types of plane figures ☐
2. Classifying triangles ☐
3. Angle introduction ☐
4. Classifying geometric shapes ☐
5. Parallel and perpendicular ☐
6. Line of symmetry ☐

Measuring angles

1. Understanding angle measurement ☐
2. Measuring angles ☐
3. Decomposing angles ☐

Area and perimeter

1. Area and perimeter ☐

Units of measurement

1. Estimating mass ☐
2. Converting units of volume ☐
3. Estimating volume ☐
4. Converting units of length ☐
5. Estimating length ☐
6. Converting units of time ☐
7. Time ☐
8. Money word problems ☐
9. Converting units of mass ☐
10. Conversion word problems ☐