

Grade 5 CCSS Checklist

Operations and Algebraic Thinking

- _____ Write and interpret numerical expressions using parentheses, brackets, or braces
- _____ Generate two numerical patterns using two given rules, identify relationship
- _____ Form ordered pairs from patterns, graph on a coordinate plane

Number and Operations in Base Ten

- _____ Understand the place value system from thousandths to millions
- _____ Fluently multiply multi-digit numbers using the standard algorithm
- _____ Divide multi-digit numbers by two digit divisors
- _____ Read, write, and compare decimals through thousandths
- _____ Round decimals to any place
- _____ Compute with multi-digit whole numbers and numbers with decimals to the hundredths

Number and Operations – Fractions

- _____ Add and subtract fractions with unlike denominators
- _____ Multiply fractions and mixed numbers
- _____ Divide unit fractions by whole numbers and whole numbers by unit fractions
- _____ solve real world problems involving all operations of fractions

Measurement and Data

- _____ Convert measurements and use in problem solving
- _____ Organize and explain data using a line plot
- _____ Understand and find the volume of rectangular prisms

Geometry

- _____ Graph points on a coordinate graph – 1st quadrant
- _____ Represent real world and mathematical problems by graphing – 1st quadrant
- _____ Interpret coordinate values in context of story
- _____ Sort two-dimensional shapes into categories based on their properties
- _____ Know what makes rectangles, parallelograms, and trapezoids different