



Grade 4 Yearly Overview

Quarter 1	Number Sense: Whole Numbers (Place Value)	Whole Number Operations and Applications (Addition and Subtraction)	Whole Number Operations and Applications (Multiplication and Division)
Quarter 2	Whole Number Operations and Applications (Multiplication and Division)	Data and Statistics	Number Sense: Rational Numbers (Fractions and Decimal Fractions)
Quarter 3	Number Sense: Rational Numbers (Fractions and Decimal Fractions)	Rational Number Operations	Probability and Data Using Rational Numbers
Quarter 4	Patterns in Measurement	Plane Geometry and Transformations	SOL Review/Post SOL Topics

VDOE Process Goals

- To build new mathematical knowledge through problem solving and to develop a repertoire of skills and strategies for solving a variety of problem types **(Problem Solving)**
- To communicate mathematical ideas coherently and clearly and to analyze and evaluate the mathematical thinking of others **(Communication)**
- To use logical reasoning in solving mathematical problems and to explain and justify mathematical ideas **(Reasoning)**
- To understand how mathematical ideas interconnect and build on one another and to use those connections to solve problems **(Connections)**
- To create and use a variety of representations in learning, doing, and communicating mathematics **(Representations)**