Math Grade 4 Unit 4
Curriculum Unit Planning Template
Canterbury Public Schools

Subject	Math
Grade Level	4
Unit Title	From Hundredths to Hundred - Thousand
Unit Goals	Students read, write and compare numbers in decimal notation Extend place value understanding for multi digit whole number and add and subtract within 1,000,000 Section A Decimals with Tenths and Hundredths Represent, compare, and order decimals to the hundredths by reasoning about their size Write tenths and hundredths in decimal notation Section B Place Value Relationships through 1,000,000 Read, represent, and describe the relative magnitude of multi-digit whole numbers up to 1,000,000 Recognize that in a multi-digit numeral in one place represents 10 times what it represents in the place to its right Section C Compare, Order and Round Compare, order, and round multi-digit whole numbers within 1,000,000. Section D Add and Subtract Add and subtract multi-digit numbers using the standard algorithm
Pacing (# of weeks)	3-4 weeks
Standards	4.NF.C.4, 4.NF.C.5, 4.NF.C.6, 4.NF.C.7 4.NBT.A.1, 4.NBT.A.2, 4.NBT.B.4 4.NBT.A.2,4.NBT.A.3 4.NBT.1, 4.NBT.A.2, 4.NBT.B.4, 4.NF.B.3.c
Content/Conceptual Knowledge (know)	There is a relationship between tenths and hundredths and express them in decimal notation

	That in a multi-digit numeral in one place represents 10 times what it represents in the place to its right The value of the digit in each position Make use of structure to determine the size of numbers and the significance of the value of the digits.
Skills (be able to do)	Extend place value understanding for multi-digit whole numbers and add and subtract within 1,000,000. Express both small and large numbers in base ten, including numbers from hundreds to hundred thousand. Analyse and represent fractions on square grits of 100 where the entire grid represents 1. Reason about the size of tenths and hundredths written as decimals, locate decimals on a number line, and compare and order them. Explore large numbers. Represent and reason about tenths and hundredths in decimal notation Read decimals Decompose numbers
Essential Questions	How are tenths, hundredths, and thousandths related? How is using place value and number lines essential to identifying the value of a number? What are the strategies used with adding and subtracting large multi-digit numbers?
Enduring Understandings	Ten-thousands are related to thousands in the same way that thousands are related to hundreds and hundreds to tens and tens to ones The value of a digit in a place represents ten times the value of the same digit in the place to its right The value of ten times a number in the larger picture of numbers creates the place value.
Vocabulary	Decimal notation, decimals, hundredths, hundred-thousandths, one million, algorithm , decompose , expanded form
Common Learning Experiences	Lesson 3 Activity 1, Points on Number Lines Lesson 6, Activity 2, What is 10,000? Lesson 16, Activity 1 Round to What? Lesson 20, Activity 1, Addand Subtract Large Numbers
Assessments	Determine reasonableness of an answer , make sense of whole numbers up to the hundred-thousandths place Learn to read and write them and deepen understanding of place value.

	Compare, order, and round numbers Fluency with addition and subtraction operations End of unit assessments Check points Daily cool downs
Resources	Base-ten blocks , number lines, tape diagrams,Card Sorts: Diagrams of Fractions and Decimals Order Once, Order Twice, Build Numbers, Square Grids, Card Sort Large numbers, On Which Line Do They Belong? Grid Paper
Strategies	Use base-ten blocks and diagrams to build, read, write, and represent whole numbers beyond 1,000. Relate concepts to real-life /real-world contexts Use number lines to identify value of a number