

**Math Grade 4 Unit 9**  
**Curriculum Unit Planning Template**  
**Canterbury Public Schools**

<b>Subject</b>	Math
<b>Grade Level</b>	4
<b>Unit Title</b>	Putting It All Together
<b>Unit Goals</b>	<p>Students consolidate and solidify their understanding of various concepts and skills related to major work of the grade. Work toward fluency goals of the grade.</p> <p>Section A Reason With Fractions Solve problems involving fraction equivalence and operating with fractions</p> <p>Section B Whole Number Operations Add, Subtract, multiply and divide multi-digit numbers using place value understanding</p> <p>Section C Solve Problems with Multiplication and Division Solve problems involving measurement comparison.</p> <p>Section D Creation and Design Review the major work of the grade by creating and designing instructional routines</p>
<b>Pacing (# of weeks)</b>	1-2 weeks
<b>Standards</b>	<p>4.NF.A.1, 4.NF.A.2, 4.NF.B.3, 4.NF.B.3.a, 4.NF.B.3.b, 4.NF.B.3.c, 4.NF.B.4,4.NF.C.5, 4.NF.C.6, 4.NF.C.7</p> <p>4.NBT.B, 4.NBT.B.4, 4.NBT.B.5, 4.NBT.B.6</p> <p>4.NBT.B, 4.NBT.B.4, 4.NBT.B.5, 4.NBT.B.5, 4.OA.A.2, 4.OA.A.3</p> <p>4.G.A.1, 4.NBT.A, 4.NBT.A.1, 4.NBT.4, 4. NBT.5, 4.NF.B, 4.NF.B.4,4.OA, 4.OA.A, 4.OA.A.3, 4.OA.B.4, 4.OA.C.,4.OA.C.5</p>
<b>Content/Conceptual Knowledge (know)</b>	How to compare fractions, adding and subtracting fractions and multiplying fractions and whole numbers. Add and subtract multi-digit numbers fluently using the standard algorithm. Multiply and divide numbers by reasoning about place value and practice doing so.
<b>Skills (be able to do)</b>	Apply the learning of the unit Compare quantities with addition or multiplication, make estimates to simplify a

	<p>problem or to assess the reasonableness of a statement or value before and after performing calculations. Reason with diagrams and equations, connecting these representations and the solution to a problem back to the context of the problem. Create and design instructional routines</p>
<b>Essential Questions</b>	<p>How do you compare fractions? What is the standard algorithm?</p>
<b>Enduring Understandings</b>	<p>See previously listed outcomes</p>
<b>Vocabulary</b>	<p>See list associated with each section</p>
<b>Common Learning Experiences</b>	<p>Practice the standard algorithm for addition and subtraction, practice multiplying and dividing multi-digit numbers using algorithms that involve partial products and partial quotients. Lesson 4. Activity 1, Lots of Zeros, Lesson 7, Activity 1, The Most and Least Expensive</p> <p>Warm - ups: How Many Do You See? Exploration Exotiamation, Which One Doesn't Belong, True or False, and Number Talk Lesson 11, Activity 2, Add Two That Don't Belong</p>
<b>Assessments</b>	<p>Classwork , end of unit tests, check points , solve real-world problems using multiplication and division, daily cool-downs.</p>
<b>Resources</b>	<p>See list associated with sections, inch tiles, glue or tape, grid paper, centimeter cubes, two color counters, rulers, straight edges</p>
<b>Strategies</b>	<p>See list associated with sections</p>