Math Grade 3 Unit 6
Curriculum Unit Planning Template
Canterbury Public Schools

Subject	Math
Grade Level	3
Unit Title	Measuring Length, Time, Liquid Measure and Weight
Unit Goals	Students generate and represent length measurement data in halves and fourths of an inch on line plots.They learn about and estimate relative units of measure including weight, liquid volume, time and use the four operations to solve problems involving measurement. Section A Measurement Data on line plots Measure lengths using rulers marked with halves and fourths of an inch to generate data for making a line plot Section B Weight and liquid measure Measure and estimate weights and liquid volumes of objects Section C Problems involving time Solve problems involving addition and subtraction of time intervals in minutes Tell time to the minute Section D Measurement Problems in Context Solve problems involving the four operations and measurement contexts
Pacing (# of weeks)	3 weeks
Standards	3. M, 3.NF.A.3.c, 3.OA .C.7D. B.4 3.MD.A.2, 3.NF.a.3, 3.OA.C.7 3.MD.A.1 3.MD.A.1,3.MD.A.2, 3 NBT.A.2, 3.OA.A.3, 3.OA.C.7
Content/Conceptual Knowledge (know)	Names of measurements and what they measure Liquid volume is the amount of space that a liquid takes up
Skills (be able to do)	Measure length, weight, liquid volume and time Build on previous learning (fractions) Explore length measurements in halves and fourths of an inch Estimate volume of everyday items Tell time to the nearest minute using the relationship between the hour hand and

	the minute hand to make sense of time such as 3:57 Make sense of and solve problems related to all three measurements Partition rulers with whole- number inch marks into equal intervals And then use the rulers to measure lengths of objects in the classroom Read the scale on a liquid measure, estimate the liquid volume of everyday objects Tell time to the minute Measure items in the classroom using measurement tools Solve elapsed time with an unknown start time,unknown duration or unknown end time Use the context of a Country Fair, solve problems that involve students solve problems using measurements, and time .Use all four operations within 1000 and multiplication and division within 100
Essential Questions	How is measurement shown? Are there different measures for different items? How do we measure time?
Enduring Understandings	Measures are identified as equal parts of wholes/ half pint ie. Measurements that are greater than 1 can be expressed with mixed numbers, which combines a whole number and a fraction less than one 2/4 = ½ equivalent fractions 3/6 = ½ liquid volume is the amount of space that a liquid takes up
Vocabulary	Ruler, measure, volume, liquid, mixed numbers , kilograms, grams,
Common Learning Experiences	Lesson 10 Activity 1 Time at the Bus Stop Lesson 12 Activity 1 Giant Pumpkin event
Assessments	Unit assessments, check points and daily cool downs
Resources	Ruler, paper clips, bottles of water, cups, spoons etc., chart paper, markers, Card Sorts, paper clips,
Strategies	Hands-on experimentation and using tools to measure