5th Grade Curriculum Map

Math 3rd Quarter

	Week 1	Week 2	Week 3	Week 4
Common Core State Standard	5.NF.4a Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction. a. Interpret the product $(a/b) \times q$ as a parts of a partition of q into b equal parts; equivalently, as the result of a sequence of operations $a \times q \div b$.	5.NF.5a Interpret multiplication as scaling (resizing), by: a. Comparing the size of a product to the size of one factor on the basis of the size of the other factor, without performing the indicated multiplication.	5.NF.5b Interpret multiplication as scaling (resizing), by: b. Explaining why multiplying a given number by a fraction greater than 1 results in a product greater than the given number (recognizing multiplication by whole numbers greater than 1 as a familiar case); explaining why multiplying a given number by a fraction less than 1 results in a product smaller than the given number; and relating the principle of fraction equivalence $a/b = (n \times a)/(n \times b)$ to the effect of multiplying a/b by 1.	5.NF.6 Solve real world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem.
GDOE	5.1.4 Express a set of fractions as an equivalent set with the same denominator	5.1.4 Express a set of fractions as an equivalent set with the same denominator	5.1.4 Express a set of fractions as an equivalent set with the same denominator	5.1.4 Express a set of fractions as an equivalent set with the same denominator
SAT skills, Dibels,	- Multiplication of fractions - Multiplication of	- Multiplication of fractions - Multiplication of	- Multiplication of fractions - Multiplication of	- Match pictorial models to fraction names and notation

Aimsweb	fractions in a context - Match pictorial models to fraction names and notation - Translate between visual representations, sentences, symbolic notation - Solve problems using appropriate strategies -	fractions in a context - Match pictorial models to fraction names and notation - Translate between visual representations, sentences, symbolic notation - Solve problems using appropriate strategies	fractions in a context - Match pictorial models to fraction names and notation - Translate between visual representations, sentences, symbolic notation - Solve problems using appropriate strategies - Identify and use order of operations	- Translate between visual representations, sentences, symbolic notation - Solve problems using appropriate strategies - Identify and use order of operations
Assessment	PRETEST/POSTTEST, weekly quizzes, unit test, problem solving samples, skill drills, practice problems, notebook check	PRETEST/POSTTEST, weekly quizzes, unit test, problem solving samples, skill drills, practice problems, notebook check	PRETEST/POSTTEST, weekly quizzes, unit test, problem solving samples, skill drills, practice problems, notebook check	PRETEST/POSTTEST, weekly quizzes, unit test, problem solving samples, skill drills, practice problems, notebook check
Homework	Aligned common core worksheets, online resources, supplementary resources and workbook worksheets	Aligned common core worksheets, online resources, supplementary resources and workbook worksheets	Aligned common core worksheets, online resources, supplementary resources and workbook worksheets	Aligned common core worksheets, online resources, supplementary resources and workbook worksheets
Resources and Material	Mathematics Plus Textbook and Workbook DI: CMC – E Supplementary worksheets Websites:	Mathematics Plus Textbook and Workbook DI: CMC – E Supplementary worksheets Websites:	Mathematics Plus Textbook and Workbook DI: CMC – E Supplementary worksheets Websites:	Mathematics Plus Textbook and Workbook DI: CMC – E Supplementary worksheets Websites:
ESLR	☒Use effective oral and written communication.	☒Use effective oral and written communication.	☒Use effective oral and written communication.	☒Use effective oral and written communication.

	☐Participate as productive members of the community. ☒Integrate learning and apply to real-life situation. ☒Explore concepts and skills needed for future world experiences. ☐Set personal goals and work towards achieving them.	☐Participate as productive members of the community. ☒Integrate learning and apply to real-life situation. ☒Explore concepts and skills needed for future world experiences. ☐Set personal goals and work towards achieving them.	☐Participate as productive members of the community. ☒Integrate learning and apply to real-life situation. ☒Explore concepts and skills needed for future world experiences. ☐Set personal goals and work towards achieving them.	☐Participate as productive members of the community. ☒Integrate learning and apply to real-life situation. ☒Explore concepts and skills needed for future world experiences. ☐Set personal goals and work towards achieving them.

	Week 5	Week 6	Week 7	Week 8
Common Core State Standard	5.NF.7b. Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions. b. Interpret division of a whole number by a unit fraction, and compute such quotients.	5.NF.7c. Apply and extend previous understandings of division to divide unit fractions by whole numbers and whole numbers by unit fractions. c. Solve real world problems involving division of unit fractions by non-zero whole numbers and division of whole numbers by unit fractions, e.g., by using visual fraction models and equations to represent the problem.	5.MD.2 Make a line plot to display a data set of measurements in fractions of a unit (1/2, 1/4, 1/8). Use operations on fractions for this grade to solve problems involving information presented in line plots.	5.NF.1 Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators.
GDOE	5.1.5 Reduce fractions to their lowest terms. 5.2.1 Understand the effects of multiplying and dividing by fraction less than 1.	5.1.5 Reduce fractions to their lowest terms. 5.2.1 Understand the effects of multiplying and dividing by fraction less than 1. 5.1.3 Explain different interpretations of fractions as parts of a whole, as parts of a set, and quotients of whole numbers.	5.14.1 Collect data using surveys and experiments and organize the data using tables and graphs.	5.1.4 Express a set of fractions as an equivalent set with the same denominator.
SAT skills, Dibels, Aimsweb	- Division of fractions - Division of fractions in a context - Identify factors or multiples of numbers - Identify and use order of operations - Solve problems using	- Division of fractions - Division of fractions in a context - Identify factors or multiples of numbers - Identify and use order of operations -Solve problems using	-Read and interpret tables and graphs. - Analyze tables and graphs -Solve problems using appropriate strategies	- Addition, subtraction of fractions - Addition, subtraction of fractions in a context - Identify and use

	appropriate strategies	appropriate strategies		- order of operations - -Solve problems using appropriate strategies
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Resources and Material	Mathematics Plus Textbook and Workbook DI: CMC – E Supplementary worksheets Websites:	Mathematics Plus Textbook and Workbook DI: CMC – E Supplementary worksheets Websites:	Mathematics Plus Textbook and Workbook DI: CMC – E Supplementary worksheets Websites:	Mathematics Plus Textbook and Workbook DI: CMC – E Supplementary worksheets Websites:
ESLR	☒Use effective oral and written communication. ☐Participate as productive members of the community. ☒Integrate learning and apply to real-life situation. ☒Explore concepts and skills needed for future world experiences.	☒Use effective oral and written communication. ☐Participate as productive members of the community. ☒Integrate learning and apply to real-life situation. ☒Explore concepts and skills needed for future world experiences. ☐Set personal goals and	☒Use effective oral and written communication. ☐Participate as productive members of the community. ☒Integrate learning and apply to real-life situation. ☒Explore concepts and skills needed for future world experiences. ☐Set personal goals and	☒Use effective oral and written communication. ☐Participate as productive members of the community. ☒Integrate learning and apply to real-life situation. ☒Explore concepts and skills needed for future

	☐Set personal goals and work towards achieving them.	work towards achieving them.	work towards achieving them.	world experiences. ☐Set personal goals and work towards achieving them.

	Week 9
Common Core State Standard	5.NF.2 Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers.
GDOE	5.1.4 Express a set of fractions as an equivalent set with the same denominator.
SAT skills, Dibels, Aimsweb	- Addition, subtraction of fractions - Addition, subtraction of fractions in a context - Identify and use order of

	operations - -Solve problems using appropriate strategies
Assessment	PRETEST/POSTTEST, weekly quizzes, unit test, problem solving samples, skill drills, practice problems, notebook check
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ESLR	☒Use effective oral and written communication. ☐Participate as productive members of the community. ☒Integrate learning and apply to real-life situation. ☒Explore concepts and skills needed for future world experiences. ☐Set personal goals and work towards achieving them.