| <u> </u> | Name: Schimmel, Gagnon, Moon | | 11/2//20 | Week Beginning: Week 11/27/2023-12/01/2023 | |
|------------------------|--|--|---|---|---|
| School Year: 2023-2024 | | Subject: 5 th Grade Math | | | |
| Notes: Notes: | Objective: Content: Students number I students strategie estimate solution. reasonable to determ Students add particular facts to coverb can. Students facts to coverb can. Students division to multiple and diffe students partial que more hele. Lesson Overview Math Reveal: Un Math Lesson 7-1: Math Lesson 7-2: | use place-value pate by 10. estimate quotients is used to estimate of quotients to make is Students use estimate of the properties of a calculate use the relationship in the quotient of use an area model all quotients to calculate all quotients all quo | of multi-digit numbrated quotients of lesser in predictions about a ated quotients to a ed solution. In between multiplic familti-digit numbers to determine partial alate the quotient. It is place-value patter by a multiple of the prediction of the quotient who determine and the quotient who determine and the determine and the an area model to dearatives more useful. | vers using the same umbers. Students a calculated ssess the ation and division rs. I quotients and erns and basic 10 using the modal the terms greater tiplication and en dividing by a adjectives same etermine and add al, less useful, | Academic Standards: 5.NBT.B.6 Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation using equations, rectangular arrays, and/or area models. 5.5.L.4 Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies. |

Notes: Objective: Academic Standards: Content: 5.NBT.B.6 Students use place-value patterns and basic facts to divide a whole Find whole-number number by 10. quotients of whole Students estimate quotients of multi-digit numbers using the same numbers with up to strategies used to estimate quotients of lesser numbers. Students four-digit dividends estimated quotients to make predictions about a calculated and two-digit solution. Students use estimated quotients to assess the divisors, using reasonableness of a calculated solution. strategies based on Students use the relationship between multiplication and division place value, the to determine the quotient of multi-digit numbers. properties of operations, and/or Students use an area model to determine partial quotients and the relationship add partial quotients to calculate the quotient. between multiplication and Language: division. Illustrate Students talk about how to use place-value patterns and basic and explain the facts to divide a whole number by a multiple of 10 using the modal calculation using equations, Students talk about estimating quotients, using the terms greater rectangular arrays, and/or area models. than, less thank, and about. Students describe the relationship between multiplication and 5.5.L.4 division that helps them to find the quotient when dividing by a Determine or clarify multiple of 10 using the verb determine and the adjectives same the meaning of and different. unknown and Students explain how to use an area model to determine and add multiple-meaning partial quotients using comparatives more useful, less useful, words and phrases more helpful, and less helpful. based on grade 5 reading and Lesson Overview: content, choosing flexibly from a range of strategies. Math Reveal: Unit 7: Divide Whole Numbers Math Lesson 7-1: Division Patterns with Multi-Digit Numbers Math Lesson 7-2: Estimate Quotients Math Lesson 7-3: Relate Multiplication and Division of Multi-Digit Numbers Math Lesson 7-4: Represent Division of 2-Digit Divisors

Vocabulary: Dividend, divisor, quotient, estimate, partial quotient

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Content:

- Students use place-value patterns and basic facts to divide a whole number by 10.
- Students estimate quotients of multi-digit numbers using the same strategies used to estimate quotients of lesser numbers. Students estimated quotients to make predictions about a calculated solution. Students use estimated quotients to assess the reasonableness of a calculated solution.
- Students use the relationship between multiplication and division to determine the quotient of multi-digit numbers.
- Students use an area model to determine partial quotients and add partial quotients to calculate the quotient.

Language:

- Students talk about how to use place-value patterns and basic facts to divide a whole number by a multiple of 10 using the modal verb can.
- Students talk about estimating quotients, using the terms greater than, less thank, and about.
- Students describe the relationship between multiplication and division that helps them to find the quotient when dividing by a multiple of 10 using the verb determine and the adjectives same and different.
- Students explain how to use an area model to determine and add partial quotients using comparatives more useful, less useful, more helpful, and less helpful.

Lesson Overview:

Math Reveal: Unit 7: Divide Whole Numbers

Math Lesson 7-1: Division Patterns with Multi-Digit Numbers

Math Lesson 7-2: Estimate Quotients

Math Lesson 7-3: Relate Multiplication and Division of Multi-Digit Numbers

Math Lesson 7-4: Represent Division of 2-Digit Divisors

Vocabulary: Dividend, divisor, quotient, estimate, partial quotient

Academic Standards:

5.NBT.B.6

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5.5.L.4

Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.

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