

DRAFT – Grade 2 Unit 5

Introduction Accelerated Content Map

Enduring Understandings	Essential Questions	Indicators
5	What is the relationship among factors, products, and quotient?	 6.3.4.2 write a story problem that models a mathematical expression. 6.3.4.4 write a mathematical expression that models a story problem. 6.3.6.1 model and use the identity and commutative properties for addition and multiplication to solve problems. 6.3.6.2 explain and apply the concept of inverse operation as it relates to multiplication and division.
Multiplication and division are inverse operations.	How can models for multiplication be used to divide?	6.3.5.4 model and explain division in a variety of ways, including repeated subtraction, rectangular arrays, and by its inverse relationship to multiplication.
		6.3.5.3 model and explain multiplication in a variety of ways, including rectangular arrays and skip counting.
	What strategies can be used to learn basic multiplication and division facts?	6.3.4.1 develop, use, and explain strategies to multiply and divide multiplication and division fact families.
		6.3.4.3 demonstrate mastery of multiplication facts for 0, 1, 2, 5, 10.
		6.3.7.1 use a variety of strategies to solve simple multiplication and division problems.
	What strategies are used to estimate products and quotients?	6.3.5.1 select appropriate methods of computation for given situations including the use of technology.
		6.3.7.2 use estimation techniques to determine solutions to problems with whole numbers.
Symbolic notation is used to represent mathematical relationships.	How are symbols used to represent mathematical relationships including operations, equality, and inequality?	1.3.2.1 represent relationships of quantities in the form of mathematical expressions, equations, or inequalities (+, -, <, >, =, x, \div).
		1.3.2.2 solve problems involving numeric equations or inequalities.
Strategies for multiplication and division are based on place value concepts.	How can knowledge of place value help with multiplication and division of large numbers?	1.3.2.3 select appropriate operational $(+, -, x, \div)$ and relational symbols $(<, >, =, \ne)$ to express relationships and solve problems.
		6.3.5.8 multiply and divide multi-digit numbers by one- digit numbers.
Currency amounts can be grouped and exchanged to solve problems.	Why is it important to represent currency amounts in different ways?	6.3.5.6 identify, name, compare, and determine the value of a given set of currency through one hundred dollars and use this knowledge to solve problems, including adding and subtracting money and counting change.
	What are some strategies for calculating with money?	 6.3.5.7 solve addition, subtraction, and simple multiplication and division problems using money. 6.3.5.1 select appropriate methods of computation for given situations including the use of technology.
The likelihood of an event depends on the	How can the possible outcomes for an event be determined?	5.3.1.1 list the possible outcomes for a simple event.
		5.3.2.1 describe the likelihood of an event by using certain, impossible, more likely, less likely, and equally likely.