WALLKILL CENTRAL SCHOOL DISTRICT

Together We Can Make a Difference

Last updated: **8/22/2023**

2023-2024 Grade 5 Mathematics: Quarter 1: Weeks 1-7: Topics 1-4

Options	Standards and Focus Skills	Mini Lesson Overview	Supplemental Materials/Resources
	Topic 1 **Standards** 5.NBT.1 5.NBT.3 5.NBT.3a 5.NBT.3b 5.NBT.4 **Focus Skills** • Recognize that a digit in one place represents ten times what it represents in the place to its right • Read and write base-10 numerals for multi-digit numbers • Read and write number names for multi-digit numbers • Use expanded form for multi-digit numbers • COmpare two multi-digit numbers and use the symbols >, =, and <. • Round multi-digit whole numbers to any place value. • Understand how the value of a digit in one place compares to the value in the plae to its right or left. • Explain patterns of zeros when multiplying a number by powers of ten. • Use exponents to denote powers of ten. • Read and write decimals to thousandths. • Compare decimals to thousandths. • Read and write decimals to thousandths using base-10 numerals using number names. • Use expanded form for decimals. • Compare decimals to thousandths using the symbols >, =, and • Round decimals to any place.	**Topic 1** **Vocabulary** • Value • Equivalent Decimals • Expanded Form • Power • Exponent • Base • Thousandths **Lesson Layout** • Solve & Share • Visual Learning • Guided Practice (student edition) • Independent Practice (student edition) • Quick Check (online) **Lesson Order (one lesson per day)** • 1-2 *Understand whole number place value* • 1-1 *Patterns with exponents and powers of 10* • 1-5 *Compare decimals* • 1-6 *Round decimals* • 1-3 *Decimals to thousands* • 1-4 *Understand Decimal place value* • 1-7 *Problem Solving* ****Optional***	**Topic 1** **IXL Math:** • IXL Skills Plan • A1, A2, A3, A4, C1, C2, C3, C4, C8, C9, C11 **Freckle Math** (adaptable practice linked to students STAR) **Within Student Workbook** • End of Topic Fluency Review Activity • Vocab Review • End of topic Reteaching • End of topic Assessment Practice **Pearson Online:** • 3 Act Math • Convince Me • Problem Solving • Today's Challenge • Daily Review • Practice Buddy** *(adaptive)*
			Help

Options	Standards and Focus Skills	Mini Lesson Overview	Supplemental Materials/Resources
	Topic 2 **Standards** 5.NBT.7 **Focus Skills** • Round decimals to any place • Add decimals to hundredths • Subract decimals to hundedths • Subtract decimals using the relationship between addition and subtraction • Explain strategies usied to perform decimal operations	**Topic 2** **Vocabulary** • Compatible numbers • Associative property of addition • Compensation **Lesson Layout** • Solve & Share • Visual Learning • Guided Practice (student edition) • Independent Practice (student edition) • Quick Check (online) **Lesson Order (one lesson per day)** • *2-4 use stratgies to add decinals* • *2-5 use strategies to subtract decimals* • *2-6 problem solving: Model with Math* • *2-2 estimate sums and differences of decimals* *All other lessons are optional for review* • *2-1 mental math* • *2-3 use models to add and subtract decimals*	**Topic 2** **IXL Math:** • IXL Skills Plan **Freckle Math** (adaptable practice linked to students STAR) **Within Student Workbook** • End of Topic Fluency Review Activity • Vocab Review • End of topic Reteaching • End of topic Assessment Practice **Pearson Online:** • 3 Act Math • Convince Me • Problem Solving • Today's Challenge • Daily Review • Practice Buddy** *(adaptive)*
	Topic 3 **Standards** 5.NBT.2 5.NBT.7 5.OA.2 **Focus Skills** • Explain patterns of zeros when multiplying a number by powers of ten. • Fluently multiply multi-digit whole numbers using the standard algorithm.	**Topic 3** **Vocabulary** • Underestimate • Overestimate • Partial Products **Lesson Layout** • Solve & Share • Visual Learning • Guided Practice (student edition) • Independent Practice (student edition) • Quick Check (online) **Lesson Order (one lesson per day)** • 3-1 *Multiplying greater numbers by powers of 10* • 3-3 *Multiply by 1-digit numbers* • 3-4 *Multiply 2- digit by 2- digit numbers* • 3-5 *Multiply 3- digit by 2-digit numbers* • 3-6 *Multiply whole numbers with zeros*	**Topic 3** **IXL Math:** • IXL Skills Plan **Freckle Math** (adaptable practice linked to students STAR) **Within Student Workbook** • End of Topic Fluency Review Activity • Vocab Review • End of topic Reteaching • End of topic Assessment Practice **Pearson Online:** • 3 Act Math • Convince Me • Problem Solving • Today's Challenge • Daily Review • Practice Buddy** *(adaptive)*

Options	Standards and Focus Skills	Multiple Options	Supplemental Materials/Resources
		• 3-7 *Practice multiplying multi-digit numbers (optional for additional practice)* • 3-8 *Solve word problems using multiplication* • 3-2 *Estimate products* • 3-9 *Problem solving: Critique reasoning (optional)*	
	Topic 4 **Standards** 5.NBT.4 5.NBT.7 **Focus Skills** • Explain patterns in the placement of the decimal point when the decimal is multiplied by a power of ten. • Multiply decimals to the hundredths. • Explain strategies used to perform decimal operations.	**Topic 4** **Lesson Layout** • Solve & Share • Visual Learning • Guided Practice (student edition) • Independent Practice (student edition) • Quick Check (online) **Lesson Order (one lesson per day)** • 4-1 *Multiply decimals by powers of 10* • 4-3 *Use models to multiply a decimals and a whole number* • 4-4 *Multiply a decimal and a whole number* • 4-5 *Use models to lultiply a decimal and a decimal* • 4-6 *Multiply decimals using partial products* • 4-7 *Use propertiesto multiply decimals* • 4-8 *Use number sense to multiply decimals* • 4-9 *Problem Solving: Model with Math (optional)*	**Topic 4** **IXL Math:** • IXL Skills Plan **Freckle Math** (adaptable practice linked to students STAR) **Within Student Workbook** • End of Topic Fluency Review Activity • Vocab Review • End of topic Reteaching • End of topic Assessment Practice **Pearson Online:** • 3 Act Math • Convince Me • Problem Solving • Today's Challenge • Daily Review • Practice Buddy** *(adaptive)*