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Knowre Math: **Grade 1** Curriculum

Chapter 1 Numbers to 20

Lesson	Topic	TEKS
1-1 Counting and Writing 0 to 4	A) Counting and Showing Zero to Four Objects	1.2.C
	B) Reading and Writing the Numbers Zero to Four	
1-2 Counting and Writing 5 to 9	A) Counting and Showing Five to Nine Objects	1.2.C
	B) Reading and Writing the Numbers Five to Nine	
1-3 Counting and Writing 10 to 14	A) Counting and Showing Ten to Fourteen Objects	1.2.C
	B) Reading and Writing the Numbers Ten to Fourteen	
1-4 Counting and Writing 15 to 20	A) Counting and Showing Fifteen to Twenty Objects	1.2.C
	B) Reading and Writing the Numbers Fifteen to Twenty	
1-5 Number Lines	A) Points on Number Lines	1.2.C
	B) Distance Between Points on a Number Line	

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Chapter 2 Addition to 20

Lesson	Topic	TEKS
2-1 Addition with Pictures	A) Using Pictures to Add One-Digit Numbers	1.3.D, 1.3.E, 1.3.F, 1.5.D
2-2 Counting On with Pictures	A) Counting On with Pictures to Add One-Digit Numbers	1.3.D, 1.3.E, 1.3.F, 1.5.D
2-3 Addition with Number Lines	A) Using Number Lines to Add One-Digit Numbers	1.3.D, 1.3.E, 1.3.F, 1.5.D
2-4 Counting On with Number Lines	A) Counting On with Number Lines to Add One-Digit Numbers	1.3.D, 1.3.E, 1.3.F, 1.5.D
2-5 Adding by Making 10	A) Making Ten	1.3.C, 1.3.D, 1.3.E, 1.3.F, 1.5.D
	B) Writing Equal Addition Expressions by Making Ten	
	C) Adding One-Digit Numbers by Making Ten	
2-6 Doubles	A) Adding Doubles	1.3.D, 1.3.E, 1.3.F, 1.5.D 1.OA.1, 1.OA.6
	B) Using Doubles to Add Doubles Plus One or Two	
2-7 Addition Facts	A) Adding One-Digit Numbers	1.3.D, 1.3.F, 1.5.D
	B) Adding One-Digit Numbers to Ten	
2-8 Adding Three One-Digit Numbers	A) Adding Three or More One-Digit Numbers	1.3.C, 1.3.D, 1.3.F, 1.5.D

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Chapter 3 Subtracting from 20 or Less

Lesson	Topic	TEKS
3-1 Subtraction with Pictures	A) Using Pictures to Subtract One-Digit Numbers	1.3.D, 1.3.E, 1.3.F, 1.5.D
3-2 Counting Back with Pictures	A) Counting Back with Pictures to Subtract One-Digit Numbers	1.3.D, 1.3.E, 1.3.F, 1.5.D
3-3 Counting Back on Number Lines	A) Counting Back with Number Lines to Subtract One-Digit Numbers	1.3.D, 1.3.E, 1.3.F, 1.5.D
3-4 Counting Up on Number Lines	A) Counting Up with Number Lines to Subtract One-Digit Numbers	1.3.D, 1.3.E, 1.3.F, 1.5.D
3-5 Subtracting by Making Ten	A) Differences of Ten	1.3.D, 1.3.E, 1.3.F, 1.5.D
	B) Writing Equal Subtraction Expressions by Making Ten	
	C) Subtracting One-Digit Numbers by Making Ten	
3-6 Subtraction Facts	A) Differences Less Than Ten When Subtracting One-Digit Numbers	1.3.D, 1.3.F, 1.5.D

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Chapter 4 Addition and Subtraction Relationships

Lesson	Topic	TEKS
4-1 Understanding the Equal Sign	A) The Meaning of the Equal Sign	1.5.E, 1.5.G
	B) True Equations	
	C) Addition and Subtraction Sentences with the Answer on the Left	
4-2 Number Properties	A) Commutative Property of Addition	1.5.E, 1.5.G
	B) Identity Property of Addition	
	C) Differences of Zero	
4-3 Addition and Subtraction Expressions	A) Parts of Addition Sentences	1.5.D
	B) Addition Expressions	
	C) Parts of Subtraction Sentences	
	D) Subtraction Expressions	
	E) Writing Addition and Subtraction Sentences	
4-4 Number Bonds	A) Parts of Number Bonds	1.2.B, 1.3.B, 1.3.D
	B) Number Bonds and Addition and Subtraction Sentences	
4-5 Related Addition and Subtraction Sentences	A) Using Addition Sentences to Write Related Subtraction Sentences	1.2.B, 1.3.B, 1.3.D, 1.3.E
	B) Using Subtraction Sentences to Write Related Addition Sentences	
4-6 Unknowns in Addition and Subtraction Sentences	A) Pictures to Find Missing Numbers in Addition and Subtraction Sentences	1.3.B, 1.3.F, 1.5.D, 1.5.F
	B) Number Bonds to Find Missing Numbers in Addition and Subtraction Sentences	
	C) Finding Missing Numbers in Addition and Subtraction Sentences	

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Chapter 5 Shapes

Lesson	Topic	TEKS
5-1 3-D Shapes	A) Identifying 3-D Solids	1.6.B, 1.6.E, 1.6.F
	B) Composite 3-D Figures	
5-2 Attributes of 2-D Shapes	A) Sides of 2-D Shapes	1.6.A, 1.6.B
	B) Vertices of 2-D Shapes	
	C) Closed Figures	
5-3 Identifying 2-D Shapes	A) Counting Vertices and Sides in 2-D Shapes	1.6.A, 1.6.D
	B) Identifying Two-Dimensional Figures	
	C) Composite 2-D Figures	
5-4 Equal Parts	A) Identifying Equal Parts	1.6.G, 1.6.H, 2.3.B
	B) Naming Equal Parts	
	C) Equal Parts in a Whole	

Chapter 6 Models of Numbers to 20

Lesson	Topic	TEKS
6-1 Models of Numbers to 20	A) Modeling Numbers to 20 with Ones	1.2.A, 1.2.B, 1.2.C, 1.5.B
	B) Regrouping Ones	
	C) Models of Numbers to 20 with Tens and Ones	
6-2 Models of Numbers Less Than 100	A) Modeling and Writing Numbers Less Than 100 with Tens and Ones	1.2.A, 1.2.B, 1.2.C, 1.5.B
6-3 Modeling Place Value	A) Using Base Ten Blocks to Model Numbers Less Than 100	1.2.A, 1.2.B, 1.2.C, 1.5.B
6-4 Place Values of Numbers Less Than 100	A) Place Values of Numbers Less than 100	1.2.B, 1.2.C
6-5 Comparing Numbers Less Than 100	A) Inequality and Equality Symbols and Phrases	1.2.E, 1.2.G
	B) Base Ten Blocks to Compare Numbers	
	C) Number Lines to Compare Numbers	
	D) Place Values to Compare Numbers	
	E) Comparing Numbers	

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Chapter 7 Numbers to 120

Lesson	Topic	TEKS
7-1 Counting to 100	A) Counting Forward and Backward by Ones to 100	1.5.A
	B) Counting Forward and Backward by Tens to 100	
7-2 Counting to 120	A) Counting Forward and Backward by Ones to 120	1.5.A
	B) Counting Forward by Tens to 120	
7-3 Reading and Writing Numbers to 120	A) Reading and Writing Multiples of Ten	
	B) Reading and Writing Two-Digit Numbers Greater Than Twenty	1.2.C
	C) Reading and Writing Numbers Between 100 and 120	

Chapter 8 Two-Digit Addition and Subtraction

Lesson	Topic	TEKS
8-1 Add Multiples of Ten	A) Base Ten Blocks to Add Multiples of Ten with Sums Less Than 100	
	B) Place Value to Add Multiples of Ten with Sums Less Than 100	1.5.C
	C) Hundreds Charts to Add Multiples of Ten with Sums Less Than 100	
8-2 Add Multiples of Ten to Two-Digit Numbers	A) Base Ten Blocks to Add a Two-Digit Number and a Multiple of Ten	
	B) Place Value to Add a Two-Digit Number and a Multiple of Ten	1.5.C
	C) Hundreds Charts to Add a Two-Digit Number and a Multiple of Ten	
8-3 Add One-Digit and Two-Digit Numbers - No Regrouping	A) Base Ten Blocks to Add One-Digit and Two-Digit Numbers without Regrouping	1.3.A
	B) Place Value to Add One-Digit and Two-Digit Numbers without Regrouping	

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Chapter 8 Two-Digit Addition and Subtraction (cont…)

Lesson	Topic	TEKS
8-4 Add Two-Digit Numbers - No Regrouping	A) Base Ten Blocks to Add Two-Digit Numbers without Regrouping	2.4.C
	B) Place Value to Add Two-Digit Numbers without Regrouping	
8-5 Add One-Digit and Two-Digit Numbers - Regrouping	A) Base Ten Blocks to Add One-Digit and Two-Digit Numbers with Regrouping	2.4.C
	B) Place Value to Add One-Digit and Two-Digit Numbers with Regrouping	
8-6 Add Two-Digit Numbers - Regrouping	A) Base Ten Blocks to Add Two-Digit Numbers with Regrouping	2.4.C
	B) Place Value to Add Two-Digit Numbers with Regrouping	
8-7 Subtract Multiples of Ten	A) Base Ten Blocks to Subtract Multiples of Ten Less Than 100	1.5.C, 1.5.F
	B) Place Value to Subtract Multiples of Ten Less Than 100	
	C) Hundreds Charts to Subtract Multiples of Ten Less Than 100	

Chapter 9 Measurement and Data

Lesson	Topic	TEKS
9-1 Comparing Lengths	A) Comparing the Lengths of Objects	
	B) Ordering Objects by Length	
	C) Using Another Object to Compare the Lengths of Two Objects	
9-2 Measuring Length with Nonstandard Units	A) Nonstandard Units to Measure Length	1.7.B, 1.7.D
9-3 Frequency Tables	A) Making Frequency Tables	1.8.A, 1.8.C
	B) Reading Frequency Tables	
9-4 Pictographs	A) Making Pictographs	1.8.B, 1.8.C
	B) Reading Pictographs	

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Chapter 10 Time and Money

Lesson	Topic	TEKS
10-1 Time on Digital Clocks	A) Hours and Minutes on Digital Clocks	1.7.E
	B) Reading and Writing Time to the Whole and Half Hour	
10-2 Hours and Minutes on a Clock	A) Understanding the Hour Hand	1.7.E
	B) Understanding the Minute Hand	
10-3 Time on Analog Clocks	A) Reading Time to the Hour and Half Hour on an Analog Clock	1.7.E
	B) Showing Time to the Hour and Half Hour on an Analog Clock	
10-4 Coins	A) Values of Coins	1.4.A, 1.4.B, 1.4.C
	B) Identifying Coins from Images and Values	