Correlation of Texas Essential Knowledge and Skills for Mathematics (TEKS) to i-Ready Personalized Instruction

Grade K

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
K.2.A count forward . . . with and without objects;	Order Numbers to 10 Ordena números hasta 10
K.2.A count forward . . . to at least 20 with and without objects;	Order Numbers to 20 Ordena números hasta 20 Practice: Order Numbers 1 to 20 Práctica: Ordena números del 1 al 20
K.2.B read . . .and represent whole numbers . . . with and without objects or pictures;	Count up to 3 Objects Cuenta hasta 3 objetos Count up to 5 Objects Cuenta hasta 5 objetos Count up to 10 Objects in Rows or Arrays Cuenta hasta 10 objetos organizados en filas o matrices Practice: Count up to 10 Objects in Rows or Arrays Práctica: Cuenta hasta 10 objetos organizados en filas o matrices
K.2.C count a set of objects . . .	Count up to 3 Objects Cuenta hasta 3 objetos Count up to 5 Objects Cuenta hasta 5 objetos

**This lesson is related to the aligned standard*

Grade K (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Make Groups of up to 10 Objects Forma grupos de hasta 10 objetos Practice: Count and Make Groups to 10, Part 1 Práctica: Cuenta y forma grupos hasta 10, Parte 1 Practice: Count and Make Groups to 10, Part 2 Práctica: Cuenta y forma grupos hasta 10, Parte 2
K.2.C count a set of objects . . . and demonstrate that the last number said tells the number of objects in the set regardless of their arrangement or order;	Count up to 10 Objects in Rows or Arrays Cuenta hasta 10 objetos organizados en filas o matrices Practice: Count up to 10 Objects in Rows or Arrays Práctica: Cuenta hasta 10 objetos organizados en filas o matrices Count up to 10 Objects in Different Arrangements Cuenta hasta 10 objetos organizados de distintas maneras Practice: Count up to 10 Objects, Part 1 Práctica: Cuenta hasta 10 objetos, Parte 1

**This lesson is related to the aligned standard*

Grade K (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Practice: Count up to 10 Objects, Part 2 Práctica: Cuenta hasta 10 objetos, Parte 2
K.2.C count a set of objects up to at least 20 . . .	Count up to 20 Objects Cuenta hasta 20 objetos Practice: Count up to 20 Objects Práctica: Cuenta hasta 20 objetos Make Groups of up to 20 Objects Forma grupos de hasta 20 objetos Practice: Make Groups of up to 20 Objects Práctica: Forma grupos de hasta 20 objetos
K.2.F generate a number that is one more than . . . another number . . .	Find One More Halla uno más
K.2.G compare sets of objects . . . using comparative language;	Sort Objects Clasifica objetos Practice: Sort Objects Práctica: Clasifica objetos Compare Numbers Within 10 Compara números hasta 10
K.2.G compare sets of objects up to at least 20 in each set using comparative language;	More* Más*

**This lesson is related to the aligned standard*

Grade K (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Less* Menos*
K.2.I . . . decompose numbers . . . with objects and pictures.	Number Partners for 3 Parejas de números para 3 Number Partners for 4 and 5 Parejas de números para 4 y 5 Number Partners for 6 and 7 Parejas de números para 6 y 7 Number Partners for 8 and 9 Parejas de números para 8 y 9 Number Partners for 10 Parejas de números para 10 Practice: Number Partners for 10 Práctica: Parejas de números para 10
K.2.I compose . . . numbers . . . with objects and pictures.	Understand Addition Comprende Suma
K.2.I compose . . . numbers up to 10 with objects and pictures.	Make 10 Forma 10 Practice: Make 10

**This lesson is related to the aligned standard*

Grade K (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Forma 10 Practice: Make a 10 Práctica: Forma una decena
K.2.I compose and decompose numbers . . . with objects and pictures.	Explore Teen Numbers Explora los números del 11 al 19
K.2.I compose and decompose numbers up to 10 with objects and pictures.	Add Within 5* Suma hasta 5* Add Within 10* Suma hasta 10*
K.3.A model the action of . . . separating to represent subtraction [within 10];	Subtract Within 10 Resta hasta 10
K.3.A model the action of . . . separating to represent subtraction [within 5];	Subtract Within 5 Resta hasta 5
K.3.A model the action of . . . separating to represent subtraction;	Understand Subtraction Comprende Resta
K.3.A model the action of joining to represent addition . . .	Understand Addition Comprende Suma
K.3.A model the action of joining to represent addition and the action of separating to represent subtraction;	Practice: Add and Subtract Within 5 Práctica: Suma y resta hasta 5 Practice: Add and Subtract Within 10, Part 1

**This lesson is related to the aligned standard*

Grade K (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Suma y resta hasta 10, Parte 1 Practice: Add and Subtract Within 10, Part 2 Práctica: Suma y resta hasta 10, Parte 2 Fluently Add and Subtract Within 5 Suma y resta hasta 5 con fluidez Practice: Add and Subtract Within 10 Práctica: Suma y resta hasta 10
K.3.A model the action of joining to represent addition [within 10] . . .	Add Within 10 Suma hasta 10
K.3.A model the action of joining to represent addition [within 5] . . .	Add Within 5 Suma hasta 5
K.3.B solve word problems using objects and drawings to find . . . differences within 10; and	Subtract Within 10 Resta hasta 10
K.3.B solve word problems using objects and drawings to find sums up to 10 . . .	Add Within 10 Suma hasta 10
K.3.B solve word problems using objects and drawings to find sums up to 10 and differences within 10; and	Add Within 5* Suma hasta 5* Subtract Within 5* Resta hasta 5*

**This lesson is related to the aligned standard*

Grade K (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Make 10* Forma 10* Practice: Make 10* Práctica: Forma 10* Practice: Make a 10* Práctica: Forma una decena*
K.3.C explain the strategies used to solve problems involving . . . subtracting . . . using . . . concrete and pictorial models, and number sentences.	Understand Subtraction Comprende Resta
K.3.C explain the strategies used to solve problems involving . . . subtracting within 10 using . . . concrete and pictorial models . . .	Subtract Within 10 Resta hasta 10
K.3.C explain the strategies used to solve problems involving adding . . . using . . . concrete and pictorial models, and number sentences.	Understand Addition Comprende Suma
K.3.C explain the strategies used to solve problems involving adding . . . within 10 using . . . concrete and pictorial models, and number sentences.	Add Within 10 Suma hasta 10
K.3.C explain the strategies used to solve problems involving adding and subtracting . . . using spoken words . . . and number sentences.	Practice: Add and Subtract Within 5 Práctica: Suma y resta hasta 5 Practice: Add and Subtract Within 10, Part 1 Práctica: Suma y resta hasta 10, Parte 1

**This lesson is related to the aligned standard*

Grade K (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Practice: Add and Subtract Within 10, Part 2 Práctica: Suma y resta hasta 10, Parte 2 Practice: Add and Subtract Within 10 Práctica: Suma y resta hasta 10
K.3.C explain the strategies used to solve problems involving adding and subtracting within 10 using spoken words, concrete and pictorial models, and number sentences.	Add Within 5* Suma hasta 5* Subtract Within 5* Resta hasta 5*
K.6.A identify two-dimensional shapes, including . . . squares . . .	Square Cuadrado
K.6.A identify two-dimensional shapes, including . . . triangles . . .	Triangle Triángulo
K.6.A identify two-dimensional shapes, including circles . . .	Circle Círculo
K.6.A identify two-dimensional shapes, including circles, triangles, rectangles . . .	Identify Two-Dimensional Shapes Identifica figuras bidimensionales Practice: Identify Two-Dimensional Shapes Práctica: Identifica figuras bidimensionales
K.6.B identify three-dimensional solids, including . . . cubes . . .	Cube Cubo

**This lesson is related to the aligned standard*

Grade K (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
K.6.B identify three-dimensional solids, including . . . spheres . . .	Sphere Esfera
K.6.E . . . sort a variety of regular and irregular two- and three-dimensional figures regardless of orientation or size; and	Sort Objects Clasifica objetos Practice: Sort Objects Práctica: Clasifica objetos
K.7.B compare two objects with a common measurable attribute to see which object has more of/less of the attribute and describe the difference.	Different* Diferente* Same* Igual* Longer or Shorter Más largo o más corto Taller or Shorter Más alto o más bajo Lighter or Heavier Más liviano o más pesado Holds More or Less Más capacidad o menos capacidad

**This lesson is related to the aligned standard*

Grade 1

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
1.2.B use concrete and pictorial models to compose . . . numbers . . . in more than one way as . . . so many tens, and so many ones;	Identify Teen Numbers Identifica números del 11 al 19 Practice: Identify Teen Numbers Práctica: Identifica números del 11 al 19 Build Teen Numbers Forma números del 11 al 19 Practice: Build Teen Numbers Práctica: Forma números del 11 al 19 Identify Two-Digit Numbers Identifica números de dos dígitos Practice: Identify Two-Digit Numbers Práctica: Identifica números de dos dígitos Build Two-Digit Numbers Forma números de dos dígitos Practice: Build Two-Digit Numbers Práctica: Forma números de dos dígitos Practice: Tens and Ones Práctica: Decenas y unidades

**This lesson is related to the aligned standard*

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
1.2.F order whole numbers up to 120 using place value and open number lines; and	Order Numbers to 120 Ordena números hasta 120 Practice: Order Numbers to 120 Práctica: Ordena números hasta 120
1.3.A use concrete and pictorial models to determine the sum of a multiple of 10 and a one-digit number in problems up to 99;	Add Multiples of Ten to Any Two-Digit Number* Suma múltiplos de diez a cualquier número de dos dígitos* Practice: Add Multiples of 10 to Two-Digit Numbers* Práctica: Suma múltiplos de 10 a números de dos dígitos* Add Two-Digit and One-Digit Numbers* Suma números de dos dígitos y números de un dígito* Practice: Add Two-Digit and One-Digit Numbers* Práctica: Suma números de dos dígitos y números de un dígito* Add More Two-Digit and One-Digit Numbers* Suma más números de dos dígitos y números de un dígito*

**This lesson is related to the aligned standard*

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Practice: Add More Two-Digit and One-Digit Numbers* Práctica: Suma más números de dos dígitos y números de un dígito*
1.3.B use objects and pictorial models to solve word problems involving . . . comparing sets within 20 and unknowns as any one of the terms in the problem . . .	"Compare Bigger Unknown" Word Problems Within 20 Problemas verbales de "comparar con cantidad mayor desconocida" hasta 20 "Compare Smaller Unknown" Word Problems Within 20 Problemas verbales de "comparar con cantidad menor desconocida" hasta 20
1.3.B use objects and pictorial models to solve word problems involving . . . comparing sets within [10] and unknowns as any one of the terms in the problem . . .	"Compare Difference Unknown" Word Problems Problemas verbales de "comparar con diferencia desconocida" Practice: "Compare Difference Unknown" Problems Práctica: Problemas de "comparar con diferencia desconocida" "Compare Bigger Unknown" Word Problems Problemas verbales de "comparar con cantidad mayor desconocido" Practice: Comparison Word Problems

**This lesson is related to the aligned standard*

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Problemas verbales de comparación "Compare Smaller Unknown" Word Problems Problemas verbales de "comparar con cantidad menor desconocido" Practice: More Comparison Word Problems Práctica: Más problemas verbales de comparación More "Compare Bigger Unknown" Word Problems Más problemas verbales de "comparar con cantidad mayor desconocido" More "Compare Smaller Unknown" Word Problems Más problemas verbales de "comparar con cantidad menor desconocido"
1.3.B use objects and pictorial models to solve word problems involving . . . separating . . . sets within 20 and unknowns as any one of the terms in the problem such as . . . 5 = [ ] - 3;	"Take From Start Unknown" Word Problems Within 20 Problemas verbales de "quitar con comienzo desconocido" hasta 20
1.3.B use objects and pictorial models to solve word problems involving . . . separating . . . sets within [10] and unknowns as any one of the terms in the problem . . .	"Take From" Word Problems Problemas verbales de "quitar" "Take From Change Unknown" Word Problems

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Problemas verbales de "quitar con cambio desconocido"
1.3.B use objects and pictorial models to solve word problems involving . . . separating . . . sets within [10] and unknowns as any one of the terms in the problem such as . . . 5 = [ ] - 3;	"Take From Start Unknown" Word Problems Problemas verbales de "quitar con comienzo desconocido"
1.3.B use objects and pictorial models to solve word problems involving joining . . . sets within 20 and unknowns as any one of the terms in the problem . . .	"Add To Start Unknown" Word Problems Within 20 Problemas verbales de "sumar con comienzo desconocido" hasta 20
1.3.B use objects and pictorial models to solve word problems involving joining . . . sets within [10] and unknowns as any one of the terms in the problem . . .	"Add To Start Unknown" Word Problems Problemas verbales de "sumar con comienzo desconocido"
1.3.B use objects and pictorial models to solve word problems involving joining . . . sets within [10] and unknowns as any one of the terms in the problem such as . . . 3 + [ ] = 7 . . .	"Add To Change Unknown" Word Problems Problemas verbales de "sumar con cambio desconocido"
1.3.B use objects and pictorial models to solve word problems involving joining . . . sets within [10] and unknowns as any one of the terms in the problem such as 2 + 4 = [ ] . . .	"Add To" and "Put Together" Word Problems Problemas verbales de "sumar" y "juntar"
1.3.B use objects and pictorial models to solve word problems involving joining . . . sets within [10] and unknowns as any one of the terms in the problem such as 2 + 4 = [ ]; [and] 3 + [ ] = 7 . . .	Practice: "Add To" Word Problems Práctica: Problemas verbales de "sumar" "Add To" Word Problems Within 10 Problemas verbales de "sumar" hasta 10

Correlation of Texas Essential Knowledge and Skills for Mathematics (TEKS) to i-Ready Personalized Instruction (continued)

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
1.3.B use objects and pictorial models to solve word problems involving joining [and] separating . . . sets within [10] and unknowns as any one of the terms in the problem such as . . . 3 + [ ] = 7 . . .	Practice: "Change Unknown" Word Problems Práctica: Problemas verbales de "cambio desconocido" "Put Together/Take Apart Addend Unknown" Problems Problemas de "juntar/separar con sumando desconocido"
1.3.B use objects and pictorial models to solve word problems involving joining [and] separating . . . sets within [10] and unknowns as any one of the terms in the problem such as 2 + 4 = [ ]; [and] 3 + [ ] = 7 . . .	Practice: "Put Together/Take Apart" Word Problems Práctica: Problemas verbales de "juntar/ separar con sumando desconocido"
1.3.C compose 10 with two or more addends . . . without concrete objects;	Practice: Add Within 10 Práctica: Suma hasta 10
1.3.D apply basic fact strategies to . . . subtract . . . including . . . decomposing a number leading to a 10;	Make a Ten to Subtract Forma una decena para restar Practice: Make a Ten to Subtract Práctica: Forma una decena para restar
1.3.D apply basic fact strategies to add . . . . within 20, including making 10 and decomposing a number leading to a 10;	Make a Ten to Add Forma una decena para sumar Practice: Make a Ten to Add Práctica: Forma una decena para sumar

**This lesson is related to the aligned standard*

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
1.3.D apply basic fact strategies to add and subtract . . .	Fluently Add and Subtract Within 10 Suma y resta hasta 10 con fluidez
1.3.E explain strategies used to solve . . . subtraction problems . . .	Make a Ten to Subtract Forma una decena para restar Practice: Make a Ten to Subtract Práctica: Forma una decena para restar
1.3.E explain strategies used to solve addition . . . problems . . .	Doubles Dobles Doubles and Near Doubles Dobles y casi dobles
1.3.E explain strategies used to solve addition and subtraction problems . . .	Fluently Add and Subtract Within 10 Suma y resta hasta 10 con fluidez
1.3.E explain strategies used to solve addition and subtraction problems up to 20 using . . . pictorial models, and number sentences; and	Count On to Subtract Cuenta hacia delante para restar
1.3.E explain strategies used to solve addition and subtraction problems up to 20 using spoken words, objects, pictorial models, and number sentences; and	Use Addition to Subtract* Usa la suma para restar* Add Multiples of Ten to Multiples of Ten* Suma múltiplos de diez a múltiplos de diez* Practice: Add Multiples of Ten* Práctica: Suma múltiplos de diez*

**This lesson is related to the aligned standard*

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Subtract Multiples of Ten from Multiples of Ten* Resta múltiplos de diez de múltiplos de diez* Practice: Subtract Multiples of Ten* Práctica: Resta múltiplos de diez* Make a Ten to Add* Forma una decena para sumar* Practice: Make a Ten to Add* Práctica: Forma una decena para sumar* Practice: Subtract Multiples of Ten (Within 100)* Práctica: Resta múltiplos de diez (hasta 100)*
1.3.F generate and solve problem situations when given a number sentence involving addition or subtraction of numbers within 20.	Use Addition to Subtract* Usa la suma para restar*
1.5.B skip count by twos, fives, and tens to determine the total number of objects up to 120 in a set;	Count On to Add* Cuenta hacia delante para sumar* Practice: Count On to Add* Práctica: Cuenta hacia delante para sumar*

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Order Numbers to 120 Ordena números hasta 120 Practice: Order Numbers to 120 Práctica: Ordena números hasta 120 Add Multiples of Ten to Multiples of Ten* Suma múltiplos de diez a múltiplos de diez* Practice: Add Multiples of Ten* Práctica: Suma múltiplos de diez*
1.5.C use relationships to determine the number that is 10 more and 10 less than a given number up to 120;	Add Multiples of Ten to Multiples of Ten* Suma múltiplos de diez a múltiplos de diez* Practice: Add Multiples of Ten* Práctica: Suma múltiplos de diez*
1.5.D represent word problems involving . . . subtraction of whole numbers up to [10] using concrete and pictorial models . . .	"Take From" Word Problems Problemas verbales de "quitar" "Take From Change Unknown" Word Problems Problemas verbales de "quitar con cambio desconocido"
1.5.D represent word problems involving addition . . . of whole numbers up to 20 using concrete and pictorial models . . .	Add Three Numbers in Word Problems Suma tres números en problemas verbales

**This lesson is related to the aligned standard*

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	"Compare Bigger Unknown" Word Problems Within 20 Problemas verbales de "comparar con cantidad mayor desconocida" hasta 20
1.5.D represent word problems involving addition . . . of whole numbers up to [10] using concrete and pictorial models . . .	"Add To" and "Put Together" Word Problems Problemas verbales de "sumar" y "juntar" "Add To Change Unknown" Word Problems Problemas verbales de "sumar con cambio desconocido" Practice: "Add To" Word Problems Práctica: Problemas verbales de "sumar" "Compare Bigger Unknown" Word Problems Problemas verbales de "comparar con cantidad mayor desconocido" More "Compare Bigger Unknown" Word Problems Más problemas verbales de "comparar con cantidad mayor desconocido" "Add To" Word Problems Within 10 Problemas verbales de "sumar" hasta 10

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
1.5.D represent word problems involving addition and subtraction of whole numbers up to 20 using concrete and pictorial models . . .	"Add To Start Unknown" Word Problems Within 20 Problemas verbales de "sumar con comienzo desconocido" hasta 20 "Take From Start Unknown" Word Problems Within 20 Problemas verbales de "quitar con comienzo desconocido" hasta 20 "Compare Smaller Unknown" Word Problems Within 20 Problemas verbales de "comparar con cantidad menor desconocida" hasta 20
1.5.D represent word problems involving addition and subtraction of whole numbers up to 20 using concrete and pictorial models and number sentences;	Use Addition to Subtract* Usa la suma para restar*
1.5.D represent word problems involving addition and subtraction of whole numbers up to [10] using concrete and pictorial models . . .	Practice: "Change Unknown" Word Problems Práctica: Problemas verbales de "cambio desconocido" "Put Together/Take Apart Addend Unknown" Problems Problemas de "juntar/separar con sumando desconocido" Practice: "Put Together/Take Apart" Word Problems

**This lesson is related to the aligned standard*

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Problemas verbales de "juntar/ separar con sumando desconocido" "Compare Difference Unknown" Word Problems Problemas verbales de "comparar con diferencia desconocida" Practice: "Compare Difference Unknown" Problems Práctica: Problemas de "comparar con diferencia desconocida" Practice: Comparison Word Problems Práctica: Problemas verbales de comparación "Compare Smaller Unknown" Word Problems Problemas verbales de "comparar con cantidad menor desconocido" Practice: More Comparison Word Problems Práctica: Más problemas verbales de comparación "Add To Start Unknown" Word Problems Problemas verbales de "sumar con comienzo desconocido"

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	"Take From Start Unknown" Word Problems Problemas verbales de "quitar con comienzo desconocido" More "Compare Smaller Unknown" Word Problems Más problemas verbales de "comparar con cantidad menor desconocido"
1.5.G apply properties of operations to add . . . two . . . numbers.	Add in Any Order Suma en cualquier orden
1.5.G apply properties of operations to add and subtract two or three numbers.	Add Three Numbers in Word Problems* Suma tres números en problemas verbales* Add up to Four Two-Digit Numbers*
1.6.A classify and sort regular and irregular two-dimensional shapes based on attributes using informal geometric language;	Understand Attributes of Shapes Comprende Los atributos de las figuras Practice: Attributes of Shapes Práctica: Los atributos de las figuras Recognize and Draw Shapes* Practice: Recognize Shapes* Práctica: Reconoce figuras*
1.6.B distinguish between attributes that define a two-dimensional . . . figure and attributes that do not define the shape;	Understand Attributes of Shapes Comprende Los atributos de las figuras

**This lesson is related to the aligned standard*

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Practice: Attributes of Shapes Práctica: Los atributos de las figuras
1.6.C create two-dimensional figures, including circles, triangles, rectangles, and squares, as special rectangles, rhombuses, and hexagons;	Recognize and Draw Shapes* Practice: Recognize Shapes* Práctica: Reconoce figuras*
1.6.D identify two-dimensional shapes, including circles, triangles, rectangles, and squares, as special rectangles, rhombuses, and hexagons and describe their attributes using formal geometric language;	Understand Attributes of Shapes Comprende Los atributos de las figuras Practice: Attributes of Shapes Práctica: Los atributos de las figuras Recognize and Draw Shapes* Practice: Recognize Shapes* Práctica: Reconoce figuras*
1.6.G partition two-dimensional figures into . . . four fair shares or equal parts and describe the parts using words; and	Divide Shapes into Four Equal Parts Divide figuras en cuatro partes iguales Practice: Identify Two or Four Equal Parts Práctica: Identifica dos o cuatro partes iguales
1.6.G partition two-dimensional figures into two . . . fair shares or equal parts and describe the parts using words; and	Divide Shapes into Two Equal Parts Divide figuras en dos partes iguales

**This lesson is related to the aligned standard*

Grade 1 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
1.7.A use measuring tools to measure the length of objects to reinforce the continuous nature of linear measurement;	Measure Lengths Mide longitudes Make Line Plots*
1.7.B illustrate that the length of an object is the number of same-size units of length that, when laid end-to-end with no gaps or overlaps, reach from one end of the object to the other;	Measure Lengths Mide longitudes
1.7.C measure the same object/distance with units of two different lengths and describe how and why the measurements differ;	Understand Measurement with Different Units*
1.7.D describe a length to the nearest whole unit using a number and a unit; and	Measure Lengths* Mide longitudes*

Grade 2

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
2.2.A . . . compose and decompose numbers . . . in more than one way as a sum of so many thousands, hundreds, tens, and ones;	Understand Hundreds, Tens, and Ones Comprende Centenas, decenas y unidades Use Hundreds, Tens, and Ones Usa centenas, decenas y unidades Practice: Use Hundreds, Tens, and Ones Práctica: Usa centenas, decenas y unidades
2.2.A use concrete and pictorial models to compose and decompose numbers . . . in more than one way as a sum of so many thousands, hundreds, tens, and ones;	Add Within 1,000 on Number Lines Suma hasta 1,000 en rectas numéricas Practice: Add Within 1,000 on Number Lines Práctica: Suma hasta 1,000 en rectas numéricas
2.2.A use concrete and pictorial models to compose and decompose numbers up to 1,200 in more than one way as a sum of so many thousands, hundreds, tens, and ones;	Add Within 100 on Number Lines, Part 1* Suma hasta 100 en rectas numéricas, parte 1* Practice: Add Within 100 on Number Lines, Part 1* Práctica: Suma hasta 100 en rectas numéricas, parte 1* Practice: Add Within 100 on Number Lines, Part 2* Práctica: Suma hasta 100 en rectas numéricas, parte 2*

**This lesson is related to the aligned standard*

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Practice: Add Within 100 on Number Lines* Práctica: Suma hasta 100 en rectas numéricas*
2.2.F name the whole number that corresponds to a specific point on a number line.	Add Within 1,000 on Number Lines Suma hasta 1,000 en rectas numéricas Practice: Add Within 1,000 on Number Lines Práctica: Suma hasta 1,000 en rectas numéricas
2.3.A partition objects into equal parts and name the parts, including halves, fourths, and eighths, using words;	Divide Shapes Into Two, Three, or Four Equal Parts Divide figuras en dos, tres o cuatro partes iguales Practice: Identify Two, Three, or Four Equal Parts Práctica: Identifica dos, tres o cuatro partes iguales
2.3.B explain that the more fractional parts used to make a whole, the smaller the part; and the fewer the fractional parts, the larger the part;	Divide Shapes Into Three Equal Parts* Divide figuras en tres partes iguales*
2.4.A recall basic facts to . . . subtract within 20 with automaticity;	Think Addition to Subtract (Make a Ten) Piensa en la suma para restar (formar una decena) Practice: Think Addition to Subtract

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Piensa en la suma para restar
2.4.A recall basic facts to add . . . within 20 with automaticity;	Practice: Add Within 10 Práctica: Suma hasta 10 Use Mental Math to Add (Make a Ten), Part 1 Calcula mentalmente para sumar (formar una decena), parte 1 Use Mental Math to Add (Make a Ten), Part 2 Calcula mentalmente para sumar (formar una decena), parte 2 Practice: Use Mental Math to Add (Make a Ten) Práctica: Calcula mentalmente para sumar (formar una decena) Use Mental Math to Add (Near Doubles) Calcula mentalmente para sumar (casi dobles) Use Mental Math Strategies to Add Usa estrategias de cálculo mental para sumar Practice: Use Mental Math Strategies to Add

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Usa estrategias de cálculo mental para sumar
2.4.A recall basic facts to add and subtract within 20 with automaticity;	Think Addition to Subtract* Piensa en la suma para restar*
2.4.B . . . subtract two-digit numbers using mental strategies . . . based on place value and properties of operations;	Subtract Within 100 on Number Lines Resta hasta 100 en rectas numéricas Practice: Subtract Within 100 on Number Lines Práctica: Resta hasta 100 en rectas numéricas Add to Subtract Within 100 on Number Lines, Part 2 Suma para restar hasta 100 en rectas numéricas, parte 2 Practice: Add to Subtract on Number Lines, Part 2 Práctica: Suma para restar en rectas numéricas, parte 2 Practice: Subtract on Number Lines (Within 100) Práctica: Resta en rectas numéricas (hasta 100)
2.4.B add . . . two-digit numbers . . . using mental strategies . . . based on knowledge of place value and properties of operations;	Add by Breaking Apart Two-Digit Numbers Suma descomponiendo números de dos dígitos

**This lesson is related to the aligned standard*

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Practice: Add by Breaking Apart Two-Digit Numbers Práctica: Suma descomponiendo números de dos dígitos Add Within 100 on Number Lines, Part 2 Suma hasta 100 en rectas numéricas, parte 2
2.4.B add up to four two-digit numbers . . . numbers using mental strategies and algorithms based on knowledge of place value . . .	Add up to Four Two-Digit Numbers
2.4.B add up to four two-digit numbers . . . using mental strategies and algorithms based on knowledge of place value and properties of operations;	Add Two-Digit Numbers Suma números de dos dígitos Practice: Add Two-Digit Numbers Práctica: Suma números de dos dígitos Add More Two-Digit Numbers Suma más números de dos dígitos Practice: Add More Two-Digit Numbers Práctica: Suma más números de dos dígitos Practice: Add Two-Digit Numbers (Within 50) Práctica: Suma números de dos dígitos (hasta 50)

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
2.4.B add up to four two-digit numbers and subtract two-digit numbers using mental strategies and algorithms based on knowledge of place value and properties of operations;	Practice: Add Within 100 on Number Lines, Part 2* Práctica: Suma hasta 100 en rectas numéricas, parte 2* Practice: Use Place Value to Add Within 1,000* Práctica: Usa el valor posicional para sumar hasta 1,000* Practice: Use Place Value to Subtract Within 1,000* Práctica: Usa el valor posicional para restar hasta 1,000* Add and Subtract Within 1,000* Practice: Add and Subtract Within 1,000. Part 1* Práctica: Suma y resta hasta 1,000. Parte 1* Practice: Add and Subtract Within 1,000. Part 2* Práctica: Suma y resta hasta 1,000. Parte 2*
2.4.C solve one-step and multi-step word problems involving addition and subtraction within 1,000 using a variety of strategies based on place value, including algorithms; and	Solve Two-Step Problems* Practice: Use Place Value to Add Within 1,000* Práctica: Usa el valor posicional para sumar hasta 1,000*

**This lesson is related to the aligned standard*

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Practice: Use Place Value to Subtract Within 1,000* Práctica: Usa el valor posicional para restar hasta 1,000* Add and Subtract Within 1,000* Practice: Add and Subtract Within 1,000. Part 1* Práctica: Suma y resta hasta 1,000. Parte 1* Practice: Add and Subtract Within 1,000. Part 2* Práctica: Suma y resta hasta 1,000. Parte 2*
2.4.D . . . solve problem situations . . . involving addition and subtraction of whole numbers within 1,000.	Subtract Within 1,000 on Number Lines Resta hasta 1,000 en rectas numéricas Practice: Subtract Within 1,000 on Number Lines Práctica: Resta hasta 1,000 en rectas numéricas
2.4.D generate and solve problem situations for a given mathematical number sentence involving addition and subtraction of whole numbers within 1,000.	Solve Two-Step Problems* Practice: Use Place Value to Add Within 1,000* Práctica: Usa el valor posicional para sumar hasta 1,000* Practice: Use Place Value to Subtract Within 1,000*

**This lesson is related to the aligned standard*

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Usa el valor posicional para restar hasta 1,000* Add and Subtract Within 1,000* Practice: Add and Subtract Within 1,000. Part 1* Práctica: Suma y resta hasta 1,000. Parte 1* Practice: Add and Subtract Within 1,000. Part 2* Práctica: Suma y resta hasta 1,000. Parte 2*
2.7.A determine whether a number up to 40 is even or odd using pairings of objects to represent the number;	Understand Patterns*
2.7.B use an understanding of place value to determine the number that is 10 or 100 more or less than a given number up to 1,200; and	Add or Subtract 10 or 100*
2.7.C represent and solve addition . . . word problems [within 10] where unknowns may be any one of the terms in the problem.	"Add To" Word Problems Within 10 Problemas verbales de "sumar" hasta 10
2.7.C represent and solve addition . . . word problems [within 20] where unknowns may be any one of the terms in the problem.	"Compare Bigger Unknown" Word Problems Within 20 Problemas verbales de "comparar con cantidad mayor desconocida" hasta 20
2.7.C represent and solve addition and subtraction word problems where unknowns may be any one of the terms in the problem.	Practice: Add Within 10* Práctica: Suma hasta 10* Solve Two-Step Problems*

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
2.7.C represent and solve addition and subtraction word problems [within 20] where unknowns may be any one of the terms in the problem.	"Add To Start Unknown" Word Problems Within 20 Problemas verbales de "sumar con comienzo desconocido" hasta 20 "Take From Start Unknown" Word Problems Within 20 Problemas verbales de "quitar con comienzo desconocido" hasta 20 "Compare Smaller Unknown" Word Problems Within 20 Problemas verbales de "comparar con cantidad menor desconocida" hasta 20
2.8.A create two-dimensional shapes based on given attributes, including number of sides and vertices;	Recognize and Draw Shapes* Practice: Recognize Shapes* Práctica: Reconoce figuras*
2.8.C classify and sort polygons with 12 or fewer sides according to attributes, including identifying the number of sides and number of vertices;	Recognize and Draw Shapes* Practice: Recognize Shapes* Práctica: Reconoce figuras*
2.8.E decompose two-dimensional shapes . . . and identify the resulting geometric parts.	Divide Shapes Into Three Equal Parts Divide figuras en tres partes iguales
2.9.A find the length of objects using concrete models for standard units of length;	Practice: Estimate Lengths* Práctica: Estima longitudes* Compare Lengths*

**This lesson is related to the aligned standard*

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Make Line Plots*
2.9.B describe the inverse relationship between the size of the unit and the number of units needed to equal the length of an object;	Understand Measurement with Different Units*
2.9.C represent whole numbers as distances from any given location on a number line;	Understand Number Lines Comprende Rectas numéricas Understand Addition Using Number Lines* Comprende Sumar usando rectas numéricas* Practice: Addition Using Number Lines* Práctica: Sumar usando rectas numéricas* Understand Subtraction Using Number Lines, Part 1 Comprende Restar usando rectas numéricas, parte 1 Practice: Subtraction Using Number Lines, Part 1 Práctica: Restar usando rectas numéricas, parte 1 Understand Subtraction Using Number Lines, Part 2 Comprende Restar usando rectas numéricas, parte 2

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Practice: Subtraction Using Number Lines, Part 2 Práctica: Restar usando rectas numéricas, parte 2 Add Within 100 on Number Lines, Part 2* Suma hasta 100 en rectas numéricas, parte 2* Practice: Add Within 100 on Number Lines, Part 2 Práctica: Suma hasta 100 en rectas numéricas, parte 2 Subtract Within 100 on Number Lines* Resta hasta 100 en rectas numéricas* Practice: Subtract Within 100 on Number Lines* Práctica: Resta hasta 100 en rectas numéricas* Add to Subtract Within 100 on Number Lines, Part 1* Suma para restar hasta 100 en rectas numéricas, parte 1* Practice: Add to Subtract on Number Lines, Part 1*

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Suma para restar en rectas numéricas, parte 1* Add to Subtract Within 100 on Number Lines, Part 2* Suma para restar hasta 100 en rectas numéricas, parte 2* Practice: Add to Subtract on Number Lines, Part 2* Práctica: Suma para restar en rectas numéricas, parte 2* Practice: Subtract on Number Lines (Within 100)* Práctica: Resta en rectas numéricas (hasta 100)* Subtract Within 1,000 on Number Lines* Resta hasta 1,000 en rectas numéricas* Practice: Subtract Within 1,000 on Number Lines* Práctica: Resta hasta 1,000 en rectas numéricas*
2.9.D determine the length of an object to the nearest marked unit using rulers . . .	Measure Lengths in Centimeters Mide longitudes en centímetros Practice: Measure Lengths

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Mide longitudes
2.9.D determine the length of an object to the nearest marked unit using rulers, yardsticks, meter sticks, or measuring tapes;	Practice: Estimate Lengths* Práctica: Estima longitudes* Make Line Plots* Measure Length and Plot Data on Line Plots*
2.9.E determine a solution to a problem involving length, including estimating lengths;	Estimate Lengths in Inches Estima longitudes en pulgadas Estimate Lengths in Centimeters Estima longitudes en centímetros Practice: Estimate Lengths Práctica: Estima longitudes
2.9.F use concrete models of square units . . . counting to find the total number of square units, and describing the measurement using a number and the unit; and	Measure Lengths in Inches Mide longitudes en pulgadas
2.9.F use concrete models of square units to find the area of a rectangle by covering it with no gaps or overlaps, counting to find the total number of square units, and describing the measurement using a number and the unit; and	Understand Area Add and Multiply to Find Area*
2.9.G read and write time to the nearest one-minute increment . . . and distinguish between a.m. and p.m.	Tell and Write Time Di y escribe la hora

**This lesson is related to the aligned standard*

Grade 2 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Practice: Tell and Write Time Práctica: Di y escribe la hora

Grade 3

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
3.2.A compose and decompose numbers up to 100,000 as a sum of so many ten thousands, so many thousands, so many hundreds, so many tens, and so many ones using . . . numbers, including expanded notation as appropriate;	Place Value, Part 2 Valor posicional, Parte 2
3.2.A compose and decompose numbers up to 100,000 as a sum of so many ten thousands, so many thousands, so many hundreds, so many tens, and so many ones using objects, pictorial models, and numbers, including expanded notation as appropriate;	Practice: Place Value* Práctica: Valor posicional* Practice: Compare Whole Numbers* Práctica: Compara números enteros* Practice: Place Value to Thousands* Práctica: Valor posicional hasta los millares*
3.2.A compose and decompose numbers up to [9,999] as a sum of . . . many thousands, so many hundreds, so many tens, and so many ones using . . . numbers, including expanded notation as appropriate;	Place Value, Part 1 Valor posicional, Parte 1
3.2.B describe the mathematical relationships found in the base-10 place value system through the hundred thousands place;	Multiply by Multiples of 10* Multiplica por múltiplos de 10* Practice: Place Value* Práctica: Valor posicional* Practice: Compare Whole Numbers* Práctica: Compara números enteros* Practice: Place Value to Thousands*

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Valor posicional hasta los millares*
3.2.C represent a number on a number line as being between two consecutive multiples of 10; 100; 1,000; or 10,000 and use words to describe relative size of numbers in order to round whole numbers; and	Use Place Value to Round Numbers*
3.3.A represent fractions greater than zero and less than . . . one with denominators of 2, 3, 4, 6, and 8 using . . . models . . .	Understand What a Fraction Is Comprende Qué es una fracción Model Fractions Representa fracciones Practice: Build and Name Fractions Práctica: Construye y nombra fracciones
3.3.A represent fractions greater than zero and less than . . . one with denominators of 2, 3, 4, 6, and 8 using . . . pictorial models, including . . . number lines;	Fractions on a Number Line, Part 1 Fracciones en una recta numérica, Parte 1 Fractions on a Number Line, Part 2 Fracciones en una recta numérica, Parte 2 Practice: Fractions on a Number Line Práctica: Fracciones en una recta numérica
3.3.B determine the corresponding fraction greater than zero and less than . . . one with denominators of 2, 3, 4, 6, and 8 given a specified point on a number line;	Fractions on a Number Line, Part 1 Fracciones en una recta numérica, Parte 1 Fractions on a Number Line, Part 2

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Fracciones en una recta numérica, Parte 2 Practice: Fractions on a Number Line Práctica: Fracciones en una recta numérica
3.3.C explain that the unit fraction 1/b represents the quantity formed by one part of a whole that has been partitioned into b equal parts where b is a non-zero whole number;	Understand What a Fraction Is Comprende Qué es una fracción Model Fractions Representa fracciones Practice: Build and Name Fractions Práctica: Construye y nombra fracciones
3.3.E solve problems involving partitioning an object or a set of objects among two or more recipients using pictorial representations of fractions with denominators of 2, 3, 4, 6, and 8;	Model Fractions* Representa fracciones*
3.3.F represent equivalent fractions with denominators of 2, 3, 4, 6, and 8 using a variety of objects and pictorial models, including number lines;	Find Equivalent Fractions* Halla fracciones equivalentes* Practice: Find Equivalent Fractions* Práctica: Halla fracciones equivalentes*
3.3.F represent equivalent fractions with denominators of 2, 3, 4, 6, and 8 using pictorial models, including number lines;	Understand Equivalent Fractions Comprende Fracciones equivalentes Practice: Equivalent Fractions Práctica: Fracciones equivalentes

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
3.3.G explain that two fractions are equivalent if and only if they are both represented by the same point on the number line or represent the same portion of a same size whole for an area model; and	Understand Equivalent Fractions Comprende Fracciones equivalentes Practice: Equivalent Fractions Práctica: Fracciones equivalentes Understand Comparing Fractions* Comprende Comparación de fracciones* Find Equivalent Fractions* Halla fracciones equivalentes* Practice: Find Equivalent Fractions* Práctica: Halla fracciones equivalentes*
3.3.H compare two fractions having the same . . . denominator in problems by reasoning about their sizes and justifying the conclusion using symbols . . . and . . . models.	Compare Fractions with the Same Denominator Compara fracciones con el mismo denominador
3.3.H compare two fractions having the same numerator . . . in problems by reasoning about their sizes and justifying the conclusion using symbols . . . and . . . models.	Compare Fractions with the Same Numerator Compara fracciones con el mismo numerador
3.3.H compare two fractions having the same numerator or denominator in problems by reasoning about their sizes and justifying the conclusion using . . . models.	Understand Comparing Fractions Comprende Comparación de fracciones
3.3.H compare two fractions having the same numerator or denominator in problems	Practice: Compare Fractions

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
by reasoning about their sizes and justifying the conclusion using symbols . . . and . . . models.	Práctica: Compara fracciones
3.4.A solve with fluency . . . two-step problems involving addition and subtraction within 1,000 using strategies based on place value, properties of operations, and the relationship between addition and subtraction;	Solve Two-Step Problems
3.4.A solve with fluency one-step and two-step problems involving addition and subtraction within 1,000 using strategies based on place value, properties of operations, and the relationship between addition and subtraction;	Practice: Use Place Value to Add Within 1,000* Práctica: Usa el valor posicional para sumar hasta 1,000* Practice: Use Place Value to Subtract Within 1,000* Práctica: Usa el valor posicional para restar hasta 1,000* Add and Subtract Within 1,000* Practice: Add and Subtract Within 1,000. Part 1* Práctica: Suma y resta hasta 1,000. Parte 1* Practice: Add and Subtract Within 1,000. Part 2* Práctica: Suma y resta hasta 1,000. Parte 2* Solve Multi-Step Problems*
3.4.B round to the nearest 10 or 100 . . .	Use Place Value to Round Numbers

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
3.4.D determine the total number of objects when . . . objects are . . . arranged in arrays up to 10 by 10;	Multiplication Word Problems, Part 2 Problemas verbales de multiplicación, Parte 2 Practice: More Multiplication & Addition Problems Práctica: Más problemas de multiplicación y suma
3.4.D determine the total number of objects when equally-sized groups of objects are combined . . .	Understand Multiplication, Part 1 Comprende Multiplicación, Parte 1 Multiplication Word Problems, Part 1 Problemas verbales de multiplicación, Parte 1 Practice: Multiplication & Addition Word Problems Práctica: Problemas verbales de multiplicación y suma
3.4.D determine the total number of objects when equally-sized groups of objects are combined or arranged in arrays . . .	Understand Multiplication, Part 2 Comprende Multiplicación, Parte 2
3.4.D determine the total number of objects when equally-sized groups of objects are combined or arranged in arrays up to 10 by 10;	Add Using Arrays* Practice: Multiplication Word Problems Práctica: Problemas verbales de multiplicación Practice: Multiplication & Division Word Problems

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Problemas verbales de multiplicación y división Practice: More Multiplication & Division Problems Práctica: Más problemas de multiplicación y división
3.4.E represent multiplication facts by using a variety of approaches such as . . . equal-sized groups . . .	Understand Multiplication, Part 1 Comprende Multiplicación, Parte 1
3.4.E represent multiplication facts by using a variety of approaches such as . . . equal-sized groups [and] arrays . . .	Understand Multiplication, Part 2 Comprende Multiplicación, Parte 2
3.4.F recall facts to multiply up to 10 by 10 with automaticity . . .	Practice: Multiply Within 100 Práctica: Multiplica hasta 100 Factors Factores
3.4.F recall facts to multiply up to 10 by 10 with automaticity and recall the corresponding division facts;	Practice: Multiplying by 0 and 1* Práctica: Multiplica por 0 y 1* Practice: Understand Division Práctica: Comprende división Practice: Multiply and Divide Within 100 Práctica: Multiplica y divide hasta 100 Practice: Divide and Multiply (Within 100)

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Divide y multiplica (hasta 100) Practice: Multiples of 2* Práctica: Múltiplos de 2* Practice: Multiplying by 10* Práctica: Multiplica por 10* Practice: Multiplying by 5* Práctica: Multiplica por 5* Practice: Multiples of 3* Práctica: Múltiplos de 3* Practice: Multiples of 4* Práctica: Múltiplos de 4* Multiples* Múltiplos* Practice: Multiples, Factors, and Prime Numbers* Práctica: Múltiplos, factores y números primos*
3.4.G use strategies . . . to multiply a two-digit number by a one-digit number. Strategies may include . . . partial products, and the . . . distributive propert[y];	Break Apart a Number to Multiply, Part 1 Descompón un número para multiplicar, Parte 1

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Break Apart a Number to Multiply, Part 2 Descompón un número para multiplicar, Parte 2
3.4.G use strategies . . . to multiply a two-digit number by a one-digit number. Strategies may include . . . the commutative [and] associative . . . properties;	Use Order and Grouping to Multiply Ordena y agrupa para multiplicar
3.4.G use strategies and algorithms . . . to multiply a two-digit number by a one-digit number. Strategies may include mental math [and] partial products. . .	Multiply by One-Digit Numbers, Part 1 Multiplica por números de un dígito, Parte 1
3.4.G use strategies and algorithms, including the standard algorithm, to multiply a two-digit number by a one-digit number. Strategies may include mental math, partial products, and the commutative, associative, and distributive properties;	Understand Multiplication, Part 2* Comprende Multiplicación, Parte 2* Practice: Use Order to Multiply* Práctica: Usar orden para multiplicar* Practice: Use Order and Grouping to Multiply* Práctica: Ordena y agrupa para multiplicar* Practice: Multiply and Divide Within 100* Práctica: Multiplica y divide hasta 100* Practice: Divide and Multiply (Within 100)* Práctica: Divide y multiplica (hasta 100)* Practice: Multiples of 5 and 10*

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Múltiplos de 5 y 10* Practice: Multiply Two-Digit Numbers* Práctica: Multiplica números de dos dígitos*
3.4.H determine the number of objects in each group when . . . a set of objects is shared equally;	Division Word Problems, Part 1 Problemas verbales de división, Parte 1 Practice: Division & Subtraction Word Problems Práctica: Problemas verbales de división y resta
3.4.H determine the number of objects in each group when a set of objects is partitioned into equal shares . . .	Division Word Problems, Part 2 Problemas verbales de división, Parte 2 Practice: More Division & Subtraction Problems Práctica: Más problemas de división y resta
3.4.H determine the number of objects in each group when a set of objects is partitioned into equal shares or a set of objects is shared equally;	Understand Division, Part 2* Comprende División, Parte 2* Practice: Multiplication & Division Word Problems Práctica: Problemas verbales de multiplicación y división Practice: More Multiplication & Division Problems

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Más problemas de multiplicación y división
3.4.J determine a quotient using the relationship between multiplication and division; and	Understand Division, Part 2* Comprende División, Parte 2* Practice: Understand Division Práctica: Comprende división
3.4.K solve . . . problems involving . . . division within 100 using strategies based on objects; [or] pictorial models, including . . . equal groups . . .	Division Word Problems, Part 1 Problemas verbales de división, Parte 1 Practice: Division & Subtraction Word Problems Práctica: Problemas verbales de división y resta
3.4.K solve . . . problems involving . . . division within 100 using strategies based on objects; [or] pictorial models, including arrays . . . and equal groups . . .	Division Word Problems, Part 2 Problemas verbales de división, Parte 2 Practice: More Division & Subtraction Problems Práctica: Más problemas de división y resta
3.4.K solve . . . problems involving multiplication . . . using strategies based on . . . properties of operations [Commutative and Associative]; . . .	Use Order and Grouping to Multiply Ordena y agrupa para multiplicar
3.4.K solve . . . problems involving multiplication . . . using strategies based on . . . properties of operations [Distributive]; . . .	Break Apart a Number to Multiply, Part 1 Descompón un número para multiplicar, Parte 1

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Break Apart a Number to Multiply, Part 2 Descompón un número para multiplicar, Parte 2
3.4.K solve . . . problems involving multiplication . . . using strategies based on objects; pictorial models, including . . . equal groups; . . .	Understand Multiplication, Part 1 Comprende Multiplicación, Parte 1
3.4.K solve . . . problems involving multiplication . . . within 100 using strategies based on . . . pictorial models . . .	Word Problems Involving Length and Money Problemas verbales con longitud y dinero
3.4.K solve . . . problems involving multiplication . . . within 100 using strategies based on . . . pictorial models, including . . . equal groups . . .	Multiplication Word Problems Problemas verbales de multiplicación
3.4.K solve . . . problems involving multiplication . . . within 100 using strategies based on objects; [or] pictorial models, including . . . equal groups . . .	Multiplication Word Problems, Part 1 Problemas verbales de multiplicación, Parte 1 Practice: Multiplication & Addition Word Problems Práctica: Problemas verbales de multiplicación y suma
3.4.K solve . . . problems involving multiplication . . . within 100 using strategies based on objects; [or] pictorial models, including arrays . . .	Multiplication Word Problems, Part 2 Problemas verbales de multiplicación, Parte 2 Practice: More Multiplication & Addition Problems

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Más problemas de multiplicación y suma
3.4.K solve . . . problems involving multiplication . . . within 100 using strategies based on objects; [or] pictorial models, including arrays . . . and equal groups . . .	Practice: Multiplication Word Problems Práctica: Problemas verbales de multiplicación
3.4.K solve . . . problems involving multiplication and division within 100 using strategies based on objects; [or] pictorial models, including arrays . . . and equal groups . . .	Practice: Multiplication & Division Word Problems Práctica: Problemas verbales de multiplicación y división Practice: More Multiplication & Division Problems Práctica: Más problemas de multiplicación y división
3.4.K solve one-step . . . problems involving multiplication and division within 100 . . . ; or recall of facts.	Practice: Multiply and Divide Within 100 Práctica: Multiplica y divide hasta 100
3.4.K solve one-step . . . problems involving multiplication and division within 100 using strategies based on . . . properties of operations; or recall of facts.	Practice: Divide and Multiply (Within 100) Práctica: Divide y multiplica (hasta 100)
3.4.K solve one-step and two-step problems involving multiplication and division within 100 using strategies based on objects; pictorial models, including arrays, area models, and equal groups; properties of operations; or recall of facts.	Understand Multiplication, Part 2* Comprende Multiplicación, Parte 2* Understand Division, Part 1* Comprende división, Parte 1* Understand Division, Part 2*

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Comprende División, Parte 2* Solve Two-Step Word Problems Using the Four Operations* Practice: Multiply Two-Digit Numbers* Práctica: Multiplica números de dos dígitos* Practice: Understand Multiplication as Comparison* Práctica: Comprende Multiplicación como comparación* Solve Multi-Step Problems*
3.5.A represent . . . problems involving addition of whole numbers to 1,000 using pictorial models . . .	Add Three-Digit and Two-Digit Numbers Suma números de tres dígitos y números de dos dígitos Practice: Add Three-Digit and Two-Digit Numbers Práctica: Suma números de tres dígitos y números de dos dígitos Add Three-Digit Numbers Suma números de tres dígitos Practice: Add Three-Digit Numbers Práctica: Suma números de tres dígitos

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Subtract Three-Digit Numbers Resta números de tres dígitos Practice: Subtract Three-Digit Numbers Práctica: Resta números de tres dígitos
3.5.A represent . . . two-step problems involving addition and subtraction of whole numbers to 1,000 using pictorial models . . . and equations;	Solve Two-Step Problems
3.5.A represent one- and two-step problems involving addition and subtraction of whole numbers to 1,000 using pictorial models, number lines, and equations;	Solve Problems Involving Length* Solve Two-Step Word Problems Using the Four Operations* Solve Multi-Step Problems*
3.5.B represent . . . multiplication . . . problems . . . using arrays . . . and equations;	Understand Multiplication, Part 2 Comprende Multiplicación, Parte 2
3.5.B represent and solve . . . division problems within 100 using . . . equations;	Division Word Problems, Part 1 Problemas verbales de división, Parte 1 Practice: Division & Subtraction Word Problems Práctica: Problemas verbales de división y resta
3.5.B represent and solve . . . division problems within 100 using arrays . . . and equations;	Division Word Problems, Part 2 Problemas verbales de división, Parte 2 Practice: More Division & Subtraction Problems

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Más problemas de división y resta
3.5.B represent and solve . . . multiplication . . . problems . . . using . . . equations;	Understand Multiplication, Part 1 Comprende Multiplicación, Parte 1
3.5.B represent and solve . . . multiplication . . . problems within 100 . . .	Word Problems Involving Length and Money Problemas verbales con longitud y dinero Multiplication Word Problems Problemas verbales de multiplicación
3.5.B represent and solve . . . multiplication . . . problems within 100 using . . . equations;	Multiplication Word Problems, Part 1 Problemas verbales de multiplicación, Parte 1 Practice: Multiplication & Addition Word Problems Práctica: Problemas verbales de multiplicación y suma
3.5.B represent and solve . . . multiplication . . . problems within 100 using arrays . . . and equations;	Multiplication Word Problems, Part 2 Problemas verbales de multiplicación, Parte 2 Practice: More Multiplication & Addition Problems Práctica: Más problemas de multiplicación y suma Practice: Multiplication Word Problems

**This lesson is related to the aligned standard*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Problemas verbales de multiplicación
3.5.B represent and solve . . . multiplication and division problems within 100 using arrays . . . and equations;	Practice: Multiplication & Division Word Problems Práctica: Problemas verbales de multiplicación y división Practice: More Multiplication & Division Problems Práctica: Más problemas de multiplicación y división
3.5.B represent and solve one- . . . step multiplication and division problems within 100 using . . . equations;	Practice: Multiply and Divide Within 100 Práctica: Multiplica y divide hasta 100 Practice: Divide and Multiply (Within 100) Práctica: Divide y multiplica (hasta 100)
3.5.B represent and solve one- and two-step multiplication and division problems within 100 using arrays, strip diagrams, and equations;	Understand Division, Part 1* Comprende división, Parte 1* Solve Two-Step Word Problems Using the Four Operations* Practice: Multiply Two-Digit Numbers* Práctica: Multiplica números de dos dígitos* Practice: Understand Multiplication as Comparison*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Comprende Multiplicación como comparación* Solve Multi-Step Problems*
3.5.C describe a multiplication expression as a comparison such as 3 x 24 represents 3 times as much as 24;	Multiplicative Comparison Word Problems, Part 1* Problemas verbales de comparación multiplicativa, Parte 1* Multiplicative Comparison Word Problems, Part 2* Problemas verbales de comparación multiplicativa, Parte 2* Practice: Multiplicative Comparison Problems* Práctica: Problemas de comparación multiplicativa* Multiplicative Comparison Word Problems, Part 3* Problemas verbales de comparación multiplicativa, Parte 3* Practice: More Multiplicative Comparison Problems* Práctica: Más problemas de comparación multiplicativa* Practice: Understand Multiplication as Comparison*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Comprende Multiplicación como comparación*
3.5.D determine the unknown whole number in a multiplication or division equation relating three whole numbers when the unknown is either a missing factor or product; and	Understand Multiplication, Part 1* Comprende Multiplicación, Parte 1* Practice: Understand Division Práctica: Comprende división Multiples* Múltiplos* Factors* Factores* Practice: Multiples, Factors, and Prime Numbers* Práctica: Múltiplos, factores y números primos*
3.6.B use attributes to recognize rhombuses, parallelograms, trapezoids, rectangles, and squares as examples of quadrilaterals . . .	Understand Categories of Shapes Comprende Categorías de las figuras Classify and Compare Quadrilaterals Clasifica y compara cuadriláteros
3.6.B use attributes to recognize rhombuses, parallelograms, trapezoids, rectangles, and squares as examples of quadrilaterals and draw examples of quadrilaterals that do not belong to any of these subcategories;	Recognize and Draw Shapes* Practice: Recognize Shapes* Práctica: Reconoce figuras*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
3.6.C determine the area of rectangles with whole number side lengths in problems using multiplication related to the number of rows times the number of unit squares in each row;	Add and Multiply to Find Area*
3.6.D decompose composite figures formed by rectangles into non-overlapping rectangles to determine the area of the original figure using the additive property of area; and	Add and Multiply to Find Area*
3.6.E decompose two congruent two-dimensional figures into parts with equal areas and express the area of each part as a unit fraction of the whole and recognize that equal shares of identical wholes need not have the same shape.	Divide Shapes Into Parts with Equal Areas Add and Multiply to Find Area*
3.7.A represent fractions of halves, fourths, and eighths as distances from zero on a number line;	Fractions on a Number Line, Part 1* Fracciones en una recta numérica, Parte 1* Fractions on a Number Line, Part 2* Fracciones en una recta numérica, Parte 2* Practice: Fractions on a Number Line* Práctica: Fracciones en una recta numérica*
3.7.B determine the perimeter of a polygon or a missing length when given perimeter and remaining side lengths in problems;	Connect Area and Perimeter*
3.7.C determine the solutions to problems involving addition and subtraction of time intervals in minutes using pictorial models or tools such as a 15-minute event plus a 30-minute event equals 45 minutes;	Tell and Write Time* Di y escribe la hora* Practice: Tell and Write Time*

Grade 3 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Di y escribe la hora* Solve Problems About Time*
3.7.E determine liquid volume (capacity) or weight using appropriate units and tools.	Solve Problems About Liquid Volume*
3.8.A summarize a data set with multiple categories using a . . . bar graph with scaled intervals; and	Draw Scaled Bar Graphs Dibuja gráficas de barras a escala
3.8.A summarize a data set with multiple categories using a . . . pictograph . . . with scaled intervals; and	Draw Scaled Picture Graphs Dibuja pictografías a escala
3.8.A summarize a data set with multiple categories using a . . . pictograph, or bar graph with scaled intervals; and	Practice: Draw Scaled Graphs Práctica: Dibuja gráficas a escala
3.8.B solve one- . . . problems using categorical data represented with a . . . pictograph . . . with scaled intervals.	Solve Problems Using Scaled Picture Graphs Resuelve problemas usando pictografías a escala
3.8.B solve one- and two-step problems using categorical data represented with a . . . bar graph with scaled intervals.	Solve Problems Using Scaled Bar Graphs Resuelve problemas usando gráficas de barras a escala Practice: Solve Problems Using Scaled Bar Graphs Práctica: Resuelve problemas usando gráficas de barras a escala

**This lesson is related to the aligned standard*

Grade 4

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
4.2.A interpret the value of each place-value position . . .	Place Value, Part 1 Valor posicional, Parte 1
4.2.A interpret the value of each place-value position as 10 times the position to the right . . .	Place Value, Part 2 Valor posicional, Parte 2 Round Whole Numbers Redondea números enteros
4.2.A interpret the value of each place-value position as 10 times the position to the right and as one-tenth of the value of the place to its left;	Practice: Place Value Práctica: Valor posicional Practice: Compare Whole Numbers Práctica: Compara números enteros Practice: Place Value to Thousands Práctica: Valor posicional hasta los millares Decimal Place Value, Part 1 Valor posicional decimal, Parte 1 Decimal Place Value, Part 2 Valor posicional decimal, Parte 2
4.2.B represent the value of the digit in whole numbers . . . using expanded notation and numerals;	Round Whole Numbers Redondea números enteros
4.2.B represent the value of the digit in whole numbers through [9,999] . . . using expanded notation and numerals;	Place Value, Part 1 Valor posicional, Parte 1

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
4.2.B represent the value of the digit in whole numbers through [999,999] . . . using expanded notation and numerals;	Place Value, Part 2 Valor posicional, Parte 2
4.2.D round whole numbers to a given place value through the hundred thousands place;	Use Place Value to Round Numbers* Round Whole Numbers Redondea números enteros
4.2.E represent decimals, including tenths and hundredths, using . . . models . . .	Understand and Model Decimals Comprende y representa decimales
4.2.E represent decimals, including tenths and hundredths, using . . . visual models . . .	Decimals on a Number Line Decimales en una recta numérica
4.2.F compare . . . decimals using . . . visual models to the hundredths;	Compare Decimals Compara decimales
4.2.F compare and order decimals using concrete and visual models to the hundredths;	Decimals on a Number Line* Decimales en una recta numérica*
4.2.G relate decimals to fractions that name tenths and hundredths; and	Understand and Model Decimals Comprende y representa decimales Compare Decimals* Compara decimales* Decimals on a Number Line Decimales en una recta numérica
4.2.H determine the corresponding decimal to the tenths or hundredths place of a specified point on a number line.	Decimals on a Number Line Decimales en una recta numérica

**This lesson is related to the aligned standard*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
4.3.A represent a fraction a/b as a sum of fractions 1/b, where a and b are whole numbers and b > 0, including when a > b;	Add Fractions with Like Denominators* Suma fracciones con denominadores comunes* Subtract Fractions with Like Denominators* Resta fracciones con denominadores comunes* Practice: Add and Subtract Fractions* Práctica: Suma y resta fracciones* Decompose Fractions Descompón fracciones Add Mixed Numbers with Like Denominators* Suma números mixtos con denominadores comunes* Subtract Mixed Numbers with Like Denominators* Resta números mixtos con denominadores comunes* Practice: Add and Subtract Mixed Numbers* Práctica: Suma y resta números mixtos*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
4.3.B decompose a fraction in more than one way into a sum of fractions with the same denominator using . . . models and recording results with symbolic representations;	Decompose Fractions Descompón fracciones
4.3.B decompose a fraction in more than one way into a sum of fractions with the same denominator using concrete and pictorial models and recording results with symbolic representations;	Add Fractions with Like Denominators* Suma fracciones con denominadores comunes* Subtract Fractions with Like Denominators* Resta fracciones con denominadores comunes* Practice: Add and Subtract Fractions* Práctica: Suma y resta fracciones* Add Mixed Numbers with Like Denominators* Suma números mixtos con denominadores comunes* Subtract Mixed Numbers with Like Denominators* Resta números mixtos con denominadores comunes* Practice: Add and Subtract Mixed Numbers* Práctica: Suma y resta números mixtos*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
4.3.C determine if two given fractions are equivalent using a variety of methods;	Find Equivalent Fractions Halla fracciones equivalentes Practice: Find Equivalent Fractions Práctica: Halla fracciones equivalentes Fractions as Tenths and Hundredths* Fracciones como décimas y centésimas* Understand and Model Decimals* Comprende y representa decimales*
4.3.D compare two fractions with different numerators and different denominators and represent the comparison using the symbols >, =, or <;	Use Common Denominators to Compare Fractions Usa denominadores comunes para comparar fracciones Use a Benchmark to Compare Fractions Usa una referencia para comparar fracciones Practice: Use Strategies to Compare Fractions Práctica: Usa estrategias para comparar fracciones
4.3.E represent and solve . . . subtraction of fractions with equal denominators using . . . models . . .	Subtract Fractions with Like Denominators Resta fracciones con denominadores comunes

**This lesson is related to the aligned standard*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
4.3.E represent and solve . . . subtraction of fractions with equal denominators using . . . models . . . and properties of operations;	Subtract Mixed Numbers with Like Denominators Resta números mixtos con denominadores comunes
4.3.E represent and solve addition . . . of fractions with equal denominators using . . . models . . .	Add Fractions with Like Denominators Suma fracciones con denominadores comunes
4.3.E represent and solve addition . . . of fractions with equal denominators using . . . models . . . and properties of operations;	Add Mixed Numbers with Like Denominators Suma números mixtos con denominadores comunes
4.3.E represent and solve addition and subtraction of fractions with equal denominators using . . . models . . .	Practice: Add and Subtract Fractions Práctica: Suma y resta fracciones
4.3.E represent and solve addition and subtraction of fractions with equal denominators using . . . models . . . and properties of operations;	Practice: Add and Subtract Mixed Numbers Práctica: Suma y resta números mixtos
4.3.E represent and solve addition and subtraction of fractions with equal denominators using objects and pictorial models that build to the number line and properties of operations;	Fractions as Tenths and Hundredths* Fracciones como décimas y centésimas* Add and Subtract Fractions Add and Subtract Fractions in Word Problems*
4.3.G represent . . . decimals to the tenths or hundredths . . . on a number line.	Decimals on a Number Line Decimales en una recta numérica Decimal Place Value, Part 1

**This lesson is related to the aligned standard*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Valor posicional decimal, Parte 1 Decimal Place Value, Part 2 Valor posicional decimal, Parte 2
4.4.A . . . subtract whole numbers . . . using the standard algorithm;	Subtract Whole Numbers Resta números enteros Practice: Subtract Whole Numbers Práctica: Resta números enteros
4.4.A . . . subtract . . . decimals to the hundredths place . . .	Subtract Decimals Resta decimales
4.4.A add . . . decimals to the hundredths place . . .	Add Decimals Suma decimales
4.4.A add . . . whole numbers . . . using the standard algorithm;	Add Whole Numbers Suma números enteros Practice: Add Whole Numbers Práctica: Suma números enteros
4.4.A add and subtract . . . decimals to the hundredths place using the standard algorithm;	Practice: Add Decimals Práctica: Suma decimales Practice: Subtract Decimals Práctica: Resta decimales
4.4.A add and subtract . . . whole numbers . . . using the standard algorithm;	Practice: Use Place Value to Add Within 1,000

**This lesson is related to the aligned standard*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Usa el valor posicional para sumar hasta 1,000 Practice: Use Place Value to Subtract Within 1,000 Práctica: Usa el valor posicional para restar hasta 1,000 Add and Subtract Within 1,000 Practice: Add and Subtract Within 1,000. Part 1 Práctica: Suma y resta hasta 1,000. Parte 1 Practice: Add and Subtract Within 1,000. Part 2 Práctica: Suma y resta hasta 1,000. Parte 2
4.4.B determine products of a number and 10 or 100 using . . . place value understandings;	Understand Powers of 10 Comprende Potencias de 10
4.4.B determine products of a [one-digit] number and 10 or 100 using properties of operations and place value understandings;	Multiply by Multiples of 10 Multiplica por múltiplos de 10
4.4.C represent the product of 2 two-digit numbers using arrays, area models, or equations, including perfect squares through 15 by 15;	Practice: Multiply Two-Digit Numbers Práctica: Multiplica números de dos dígitos
4.4.D use strategies . . . to multiply up to a four-digit number by a one-digit number . . . Strategies may include . . . the commutative, associative, and distributive properties;	Practice: Multiply by One-Digit Numbers Práctica: Multiplica por números de un dígito

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
4.4.D use strategies and algorithms . . . to multiply a two-digit number by a two-digit number. Strategies may include . . . partial products, and the commutative, associative, and distributive properties;	Multiply Two-Digit Numbers Multiplica números de dos dígitos
4.4.D use strategies and algorithms, including the standard algorithm, to multiply up to a four-digit number by a one-digit number and to multiply a two-digit number by a two-digit number. Strategies may include (the) . . . distributive property;	Practice: Multiples of 6 Práctica: Múltiplos de 6 Practice: Multiples of 7 Práctica: Múltiplos de 7 Practice: Multiples of 8 Práctica: Múltiplos de 8 Practice: Multiples of 9 Práctica: Múltiplos de 9
4.4.D use strategies and algorithms, including the standard algorithm, to multiply up to a four-digit number by a one-digit number and to multiply a two-digit number by a two-digit number. Strategies may include mental math, partial products, and the commutative, associative, and distributive properties;	Practice: Multiply Two-Digit Numbers* Práctica: Multiplica números de dos dígitos*
4.4.D use strategies. . . to multiply up to a four-digit number by a one-digit number . . . Strategies may include mental math [and] partial products. . .	Multiply by One-Digit Numbers, Part 1 Multiplica por números de un dígito, Parte 1 Multiply by One-Digit Numbers, Part 2 Multiplica por números de un dígito, Parte 2

**This lesson is related to the aligned standard*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
4.4.E represent the quotient of up to a four-digit whole number divided by a one-digit whole number using arrays, area models, or equations;	Divide Whole Numbers, Part 2 Divide números enteros, Parte 2
4.4.E represent the quotient of up to a [three]-digit whole number divided by a one-digit whole number using arrays, area models, or equations;	Divide Whole Numbers, Part 1 Divide números enteros, Parte 1
4.4.E represent the quotient of [a two]-digit whole number divided by a one-digit whole number using . . . equations;	Division Word Problems with Remainders, Part 1 Problemas verbales de división con residuo, Parte 1 Division Word Problems with Remainders, Part 2 Problemas verbales de división con residuo, Parte 2 Practice: Division Word Problems with Remainders Práctica: Problemas verbales de división con residuo
4.4.F use strategies . . . to divide up to a [three]-digit dividend by a one-digit divisor;	Divide Whole Numbers, Part 1 Divide números enteros, Parte 1
4.4.F use strategies and algorithms . . . to divide up to a four-digit dividend by a one-digit divisor;	Divide Whole Numbers, Part 2 Divide números enteros, Parte 2
4.4.F use strategies and algorithms, including the standard algorithm, to divide up to a four-digit dividend by a one-digit divisor;	Division Word Problems with Remainders, Part 1* Problemas verbales de división con residuo, Parte 1*

**This lesson is related to the aligned standard*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Division Word Problems with Remainders, Part 2* Problemas verbales de división con residuo, Parte 2* Practice: Division Word Problems with Remainders* Práctica: Problemas verbales de división con residuo*
4.4.G round to the nearest 10, 100, or 1,000 or use compatible numbers to estimate solutions involving whole numbers; and	Practice: Use Place Value to Add Within 1,000* Práctica: Usa el valor posicional para sumar hasta 1,000* Practice: Use Place Value to Subtract Within 1,000* Práctica: Usa el valor posicional para restar hasta 1,000* Add and Subtract Within 1,000* Practice: Add and Subtract Within 1,000. Part 1* Práctica: Suma y resta hasta 1,000. Parte 1* Practice: Add and Subtract Within 1,000. Part 2* Práctica: Suma y resta hasta 1,000. Parte 2* Round Whole Numbers*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Redondea números enteros*
4.4.H solve . . . problems involving . . . division, including interpreting remainders.	Division Word Problems with Remainders, Part 1 Problemas verbales de división con residuo, Parte 1 Division Word Problems with Remainders, Part 2 Problemas verbales de división con residuo, Parte 2 Practice: Division Word Problems with Remainders Práctica: Problemas verbales de división con residuo
4.4.H solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.	Solve Two-Step Word Problems Using the Four Operations* Practice: Multiply Two-Digit Numbers* Práctica: Multiplica números de dos dígitos* Solve Multi-Step Problems*
4.5.A represent multi-step problems involving the four operations with whole numbers using strip diagrams and equations with a letter standing for the unknown quantity;	Multiplicative Comparison Word Problems, Part 1* Problemas verbales de comparación multiplicativa, Parte 1* Multiplicative Comparison Word Problems, Part 2*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Problemas verbales de comparación multiplicativa, Parte 2* Practice: Multiplicative Comparison Problems* Práctica: Problemas de comparación multiplicativa* Multiplicative Comparison Word Problems, Part 3* Problemas verbales de comparación multiplicativa, Parte 3* Practice: More Multiplicative Comparison Problems* Práctica: Más problemas de comparación multiplicativa* Practice: Understand Multiplication as Comparison* Práctica: Comprende Multiplicación como comparación*
4.5.B represent problems using an input-output table and numerical expressions to generate a number pattern that follows a given rule representing the relationship of the values in the resulting sequence and their position in the sequence;	Number and Shape Patterns* Practice: Analyze Patterns and Relationships* Práctica: Analiza patrones y relaciones* Analyze Patterns and Relationships*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
4.5.C use models to determine the formulas for the perimeter of a rectangle (l + w + l + w or 2l + 2w), including the special form for perimeter of a square (4s) and the area of a rectangle (l x w); and	Connect Area and Perimeter*
4.5.D solve problems related to perimeter and area of rectangles where dimensions are whole numbers.	Understand Area* Add and Multiply to Find Area* Connect Area and Perimeter* Multiply Fractions to Find Area*
4.6.A identify . . . angles, and perpendicular and parallel lines;	Identify Angles Identifica ángulos
4.6.A identify points, lines, line segments, rays, angles, and perpendicular and parallel lines;	Measure Angles* Medición de ángulos* Practice: Measure Angles* Práctica: Medición de ángulos* Add and Subtract Angle Measures*
4.6.A identify points, lines, line segments, [and] rays . . .	Identify Points, Lines, and Rays Identifica puntos, rectas y semirrectas
4.6.B identify and draw one or more lines of symmetry, if they exist, for a two-dimensional figure;	Line Symmetry Simetría axial
4.6.C apply knowledge of right angles to identify acute, right, and obtuse triangles; and	Practice: Measure Angles* Práctica: Medición de ángulos*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Identify Angles Identifica ángulos Classify Quadrilaterals* Clasifica cuadriláteros* Classify Triangles Clasifica triángulos Identify Two-Dimensional Figures* Identifica figuras bidimensionales*
4.6.D classify two-dimensional figures based on the presence or absence of . . . perpendicular lines or the presence or absence of angles of a specified size.	Classify Triangles Clasifica triángulos
4.6.D classify two-dimensional figures based on the presence or absence of parallel or perpendicular lines or the presence or absence of angles of a specified size.	Identify Angles* Identifica ángulos* Classify Quadrilaterals Clasifica cuadriláteros Identify Two-Dimensional Figures Identifica figuras bidimensionales Classify Two-Dimensional Figures*
4.7.A illustrate the measure of an angle as the part of a circle whose center is at the vertex of the angle that is "cut out" by	Add and Subtract Angle Measures*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
the rays of the angle. Angle measures are limited to whole numbers;	
4.7.B illustrate degrees as the units used to measure an angle, where 1/360 of any circle is one degree and an angle that "cuts" n/360 out of any circle whose center is at the angle's vertex has a measure of n degrees. Angle measures are limited to whole numbers;	Add and Subtract Angle Measures*
4.7.C determine the approximate measures of angles in degrees to the nearest whole number using a protractor;	Measure Angles Medición de ángulos Practice: Measure Angles Práctica: Medición de ángulos
4.7.D draw an angle with a given measure; and	Measure Angles* Medición de ángulos* Practice: Measure Angles* Práctica: Medición de ángulos*
4.8.B convert measurements within the same measurement system, customary or metric, from a smaller unit into a larger unit or a larger unit into a smaller unit when given other equivalent measures represented in a table; and	Practice: Convert Metric Units of Length* Práctica: Convierte unidades métricas de longitud* Practice: Convert Customary Units of Length* Práctica: Convierte unidades del sistema usual de longitud* Practice: Convert Metric Units of Mass*

**This lesson is related to the aligned standard*

Grade 4 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Convierte unidades métricas de masa* Practice: Convert Customary Units of Weight* Práctica: Convierte unidades del sistema usual de peso* Practice: Convert Metric Units of Liquid Volume* Práctica: Convierte unidades métricas de volumen líquido* Practice: Convert Customary Units of Liquid Volume* Práctica: Convierte unidades del sistema usual de volumen líquido* Practice: Convert Units of Time* Práctica: Convierte unidades de tiempo* Express Measurements in Larger Units* Solve Word Problems Involving Measurement* Solve Word Problems Involving Conversions*
4.8.C solve problems that deal with measurements of length . . . and money using . . . multiplication . . .	Multiplication Word Problems Problemas verbales de multiplicación

**This lesson is related to the aligned standard*

Grade 5

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
5.1.C select . . . techniques, including mental math, . . . to solve problems;	Multiply and Divide Decimals by Powers of 10 Multiplica y divide decimales por potencias de 10
5.2.A represent the value of the digit in decimals through the thousandths using expanded notation and numerals;	Decimal Place Value, Part 2 Valor posicional decimal, Parte 2 Practice: Compare Decimals up to Thousandths* Práctica: Compara decimales hasta las milésimas*
5.2.A represent the value of the digit in decimals through the [hundredths] using expanded notation and numerals;	Decimal Place Value, Part 1 Valor posicional decimal, Parte 1
5.2.B compare . . . two decimals to thousandths and represent comparisons using the symbols >, <, or =; and	Compare Decimals up to Thousandths Compara decimales hasta milésimas
5.2.B compare . . . two decimals to [hundredths] and represent comparisons using the symbols >, <, or =; and	Compare Decimals Compara decimales
5.2.C round decimals to tenths or hundredths.	Round Decimals Redondea decimales Practice: Round Decimals Práctica: Redondea decimales
5.3.A estimate to determine solutions to mathematical and real-world problems involving addition, subtraction, multiplication, or division;	Solve Multi-Step Problems* Multiplication of Decimals*

**This lesson is related to the aligned standard*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
5.3.B multiply with fluency a three-digit number by a two-digit number using the standard algorithm;	Practice: Multiply Two-Digit Numbers* Práctica: Multiplica números de dos dígitos* Multiply Whole Numbers* Multiplica números enteros* Practice: Multiply Whole Numbers* Práctica: Multiplica números enteros*
5.3.C solve . . . for quotients of up to a four-digit dividend by a two-digit divisor using strategies . . .	Divide by Two-Digit Numbers, Part 1 Divide por números de dos dígitos, Parte 1 Divide by Two-Digit Numbers, Part 2 Divide por números de dos dígitos, Parte 2
5.3.C solve with proficiency for quotients of up to a four-digit dividend by a two-digit divisor using strategies and the standard algorithm;	Understand the Standard Algorithm for Division Comprende el algoritmo convencional de la división Divide Whole Numbers Using the Standard Algorithm Divide números enteros usando el algoritmo convencional
5.3.D represent multiplication of decimals with products to the hundredths using objects and pictorial models . . .	Multiply a Decimal by a Whole Number Multiplica un decimal por un número entero
5.3.D represent multiplication of decimals with products to the hundredths using	Practice: Decimals and Powers of 10*

**This lesson is related to the aligned standard*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
objects and pictorial models, including area models;	Práctica: Decimales y potencias de 10* Multiply a Decimal by a Decimal Multiplica un decimal por un decimal Practice: Whole Numbers and Powers of Ten* Práctica: Números enteros y potencias de diez* Multiplication of Decimals*
5.3.E solve for products of decimals to the hundredths . . . using strategies based on place-value understandings [and] properties of operations . . .	Multiply a Decimal by a Decimal Multiplica un decimal por un decimal
5.3.E solve for products of decimals to the hundredths . . . using strategies based on place-value understandings, properties of operations, and the relationship to the multiplication of whole numbers;	Multiply a Decimal by a Whole Number Multiplica un decimal por un número entero
5.3.E solve for products of decimals to the hundredths, including situations involving money, using strategies based on place-value understandings, properties of operations, and the relationship to the multiplication of whole numbers;	Multiply and Divide Decimals by Powers of 10* Multiplica y divide decimales por potencias de 10* Practice: Decimals and Powers of 10* Práctica: Decimales y potencias de 10* Practice: Whole Numbers and Powers of Ten*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Números enteros y potencias de diez* Multiplication of Decimals*
5.3.F represent quotients of decimals to the hundredths . . . using objects and pictorial models . . .	Divide a Whole Number by a Decimal Divide un número entero entre un decimal Divide a Decimal by a Decimal Divide un decimal entre un decimal Divide a Decimal by a Whole Number Divide un decimal entre un número entero
5.3.F represent quotients of decimals to the hundredths, up to four-digit dividends and two-digit whole number divisors, using objects and pictorial models, including area models;	Practice: Decimals and Powers of 10* Práctica: Decimales y potencias de 10* Practice: Divide Decimals* Práctica: Divide decimales* Practice: Whole Numbers and Powers of Ten* Práctica: Números enteros y potencias de diez*
5.3.G solve for quotients of decimals to the hundredths . . . using strategies . . .	Divide a Whole Number by a Decimal Divide un número entero entre un decimal Divide a Decimal by a Decimal Divide un decimal entre un decimal

**This lesson is related to the aligned standard*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Divide a Decimal by a Whole Number Divide un decimal entre un número entero
5.3.G solve for quotients of decimals to the hundredths, up to four-digit dividends and two-digit whole number divisors, using strategies and algorithms, including the standard algorithm;	Multiply and Divide Decimals by Powers of 10* Multiplica y divide decimales por potencias de 10* Practice: Decimals and Powers of 10* Práctica: Decimales y potencias de 10* Practice: Whole Numbers and Powers of Ten* Práctica: Números enteros y potencias de diez* Divide Decimals Using the Standard Algorithm Divide decimales usando el algoritmo convencional
5.3.H . . . solve addition . . . of fractions with unequal denominators [10 and 100] . . .	Fractions as Tenths and Hundredths Fracciones como décimas y centésimas
5.3.H represent and solve . . . subtraction of fractions with unequal denominators . . . using . . . models . . .	Subtract Fractions with Unlike Denominators Resta fracciones con distintos denominadores Subtract Mixed Numbers with Unlike Denominators

**This lesson is related to the aligned standard*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Resta números mixtos con distintos denominadores
5.3.H represent and solve addition . . . of fractions with unequal denominators . . . using . . . models . . .	Add Fractions with Unlike Denominators Suma fracciones con distintos denominadores Add Mixed Numbers with Unlike Denominators Suma números mixtos con distintos denominadores
5.3.H represent and solve addition and subtraction of fractions with unequal denominators . . . using . . . models . . .	Practice: Fraction Addition and Subtraction Práctica: Suma y resta de fracciones Practice: Mixed Number Addition and Subtraction Práctica: Suma y resta de números mixtos
5.3.H represent and solve addition and subtraction of fractions with unequal denominators referring to the same whole using objects and pictorial models and properties of operations;	Add and Subtract Fractions* Add and Subtract Fractions in Word Problems*
5.3.I represent and solve multiplication of a whole number and a fraction . . . using . . . models . . .	Multiply a Fraction by a Whole Number Multiplica una fracción por un número entero Practice: Multiply a Fraction by a Whole Number Práctica: Multiplica una fracción por un número entero

**This lesson is related to the aligned standard*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Multiply a Whole Number by a Fraction Multiplica un número entero por una fracción Practice: Multiply and Divide by Fractions Práctica: Multiplica y divide por fracciones Multiply a Unit Fraction by a Unit Fraction Multiplica una fracción unitaria por una fracción unitaria Practice: Multiply and Divide Unit Fractions Práctica: Multiplica y divide fracciones unitarias Multiply a Fraction by a Fraction Multiplica una fracción por una fracción Practice: Multiply a Fraction by a Fraction Práctica: Multiplica una fracción por una fracción
5.3.I represent and solve multiplication of a whole number and a [unit] fraction . . . using . . . models . . .	Multiply a Unit Fraction by a Whole Number Multiplica una fracción unitaria por un número entero

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Multiply a Whole Number by a Unit Fraction Multiplica un número entero por una fracción unitaria
5.3.J represent . . . the division of a whole number by a unit fraction such as . . . 7 ÷ 1/3 using . . . models . . .	Divide a Whole Number by a Unit Fraction Divide un número entero entre una fracción unitaria Practice: Multiply and Divide by Fractions Práctica: Multiplica y divide por fracciones
5.3.J represent division of a unit fraction by a whole number . . . such as 1/3 ÷ 7 . . . using . . . models . . .	Divide a Unit Fraction by a Whole Number Divide una fracción unitaria entre un número entero Practice: Multiply and Divide Unit Fractions Práctica: Multiplica y divide fracciones unitarias
5.3.K . . . subtract positive rational numbers [decimals] . . .	Subtract Decimals Resta decimales
5.3.K add . . . positive rational numbers [decimals] . . .	Add Decimals Suma decimales
5.3.K add and subtract positive rational numbers fluently; and	Add and Subtract Fractions* Add Fractions with Unlike Denominators* Suma fracciones con distintos denominadores*

**This lesson is related to the aligned standard*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Subtract Fractions with Unlike Denominators* Resta fracciones con distintos denominadores* Practice: Fraction Addition and Subtraction* Práctica: Suma y resta de fracciones* Add Mixed Numbers with Unlike Denominators* Suma números mixtos con distintos denominadores* Subtract Mixed Numbers with Unlike Denominators* Resta números mixtos con distintos denominadores* Practice: Mixed Number Addition and Subtraction* Práctica: Suma y resta de números mixtos* Practice: Add Decimals* Práctica: Suma decimales* Practice: Subtract Decimals* Práctica: Resta decimales*

**This lesson is related to the aligned standard*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Add and Subtract Fractions in Word Problems*
5.3.L divide . . . unit fractions by whole numbers.	Divide a Unit Fraction by a Whole Number Divide una fracción unitaria entre un número entero Practice: Multiply and Divide Unit Fractions Práctica: Multiplica y divide fracciones unitarias
5.3.L divide whole numbers by unit fractions . . .	Divide a Whole Number by a Unit Fraction Divide un número entero entre una fracción unitaria Practice: Multiply and Divide by Fractions Práctica: Multiplica y divide por fracciones
5.3.L divide whole numbers by unit fractions and unit fractions by whole numbers.	Divide Unit Fractions in Word Problems*
5.4.A identify prime and composite numbers;	Factors Factores Practice: Multiples, Factors, and Prime Numbers Práctica: Múltiplos, factores y números primos
5.4.B represent and solve multi-step problems involving the four operations with	Practice: Understand Multiplication as Comparison*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
whole numbers using equations with a letter standing for the unknown quantity;	Práctica: Comprende Multiplicación como comparación*
5.4.C generate a numerical pattern when given a rule in the form y = ax or y = x + a and graph;	Practice: Analyze Patterns and Relationships* Práctica: Analiza patrones y relaciones* Analyze Patterns and Relationships*
5.4.E describe the meaning of parentheses and brackets in a numeric expression;	Evaluate, Write, and Interpret Expressions Evalúa, escribe e interpreta expresiones Practice: Interpret and Evaluate Expressions* Práctica: Interpreta y evalúa expresiones*
5.4.F simplify numerical expressions that do not involve exponents, including up to two levels of grouping;	Evaluate, Write, and Interpret Expressions Evalúa, escribe e interpreta expresiones Practice: Interpret and Evaluate Expressions* Práctica: Interpreta y evalúa expresiones*
5.4.G use concrete objects and pictorial models to develop the formulas for the volume of a rectangular prism . . . (V = l x w x h . . . and V = Bh); and	Understand and Measure Volume Comprende y mide el volumen
5.4.G use concrete objects and pictorial models to develop the formulas for the volume of a rectangular prism, including the special form for a cube (V = l x w x h, V = s x s x s, and V = Bh); and	Practice: Measure Volume* Práctica: Mide volumen* Practice: Volume of Rectangular Prisms*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Volumen de prismas rectangulares* Practice: Volume of Composite Figures* Práctica: Volumen de figuras compuestas* Measure Volume Using Formulas* Volume with Fractional Length*
5.4.H represent and solve problems . . . related to volume.	Understand and Measure Volume Comprende y mide el volumen Practice: Volume of Rectangular Prisms Práctica: Volumen de prismas rectangulares Practice: Volume of Composite Figures Práctica: Volumen de figuras compuestas Measure Volume Using Formulas Volume with Fractional Length
5.4.H represent and solve problems related to perimeter and/or area . . .	Concepts of Area and Perimeter
5.4.H represent and solve problems related to perimeter and/or area and related to volume.	Multiply Fractions to Find Area*
5.6.A recognize a cube with side length of one unit as a unit cube having one cubic unit of volume and the volume of a three-dimensional figure as the number of unit	Understand and Measure Volume Comprende y mide el volumen Practice: Measure Volume*

**This lesson is related to the aligned standard*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
cubes (n cubic units) needed to fill it with no gaps or overlaps if possible; and	Práctica: Mide volumen* Practice: Volume of Rectangular Prisms* Práctica: Volumen de prismas rectangulares* Practice: Volume of Composite Figures* Práctica: Volumen de figuras compuestas* Measure Volume Using Formulas* Volume with Fractional Length*
5.6.B determine the volume of a rectangular prism with whole number side lengths in problems related to the number of layers times the number of unit cubes in the area of the base.	Understand and Measure Volume Comprende y mide el volumen Practice: Measure Volume* Práctica: Mide volumen* Practice: Volume of Rectangular Prisms* Práctica: Volumen de prismas rectangulares* Practice: Volume of Composite Figures* Práctica: Volumen de figuras compuestas* Measure Volume Using Formulas* Volume with Fractional Length*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
5.8.A describe the key attributes of the coordinate plane, including perpendicular number lines (axes) where the intersection (origin) of the two lines coincides with zero on each number line and the given point (0, 0); the x-coordinate, the first number in an ordered pair, indicates movement parallel to the x-axis starting at the origin; and the y-coordinate, the second number, indicates movement parallel to the y-axis starting at the origin;	Understand the Coordinate Plane Comprende el plano de coordenadas Represent Problems in the Coordinate Plane* Representa problemas en el plano de coordenadas* Practice: Analyze Patterns and Relationships* Práctica: Analiza patrones y relaciones* Analyze Patterns and Relationships*
5.8.B describe the process for graphing ordered pairs of numbers in the first quadrant of the coordinate plane; and	Understand the Coordinate Plane Comprende el plano de coordenadas Practice: Analyze Patterns and Relationships* Práctica: Analiza patrones y relaciones* Analyze Patterns and Relationships*
5.8.C graph in the first quadrant of the coordinate plane ordered pairs of numbers . . .	Understand the Coordinate Plane Comprende el plano de coordenadas
5.8.C graph in the first quadrant of the coordinate plane ordered pairs of numbers arising from mathematical and real-world problems . . .	Represent Problems in the Coordinate Plane Representa problemas en el plano de coordenadas
5.8.C graph in the first quadrant of the coordinate plane ordered pairs of numbers	Practice: Analyze Patterns and Relationships*

**This lesson is related to the aligned standard*

Grade 5 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
arising from mathematical and real-world problems, including those generated by number patterns or found in an input-output table.	Práctica: Analiza patrones y relaciones* Analyze Patterns and Relationships*

Grade 6

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
6.1.G display [and] explain . . . mathematical ideas . . . using precise mathematical language . . .	Understand Algebraic Expressions Comprende Expresiones algebraicas Algebraic Expressions with Exponents Expresiones algebraicas con exponentes
6.1.G display, explain, and justify mathematical ideas and arguments using precise mathematical language in written or oral communication.	Equivalent Expressions & the Distributive Property* Expresiones equivalentes y la propiedad distributiva* Equivalent Expressions & Properties of Addition* Expresiones equivalentes y las propiedades de la suma* Practice: Equivalent Expressions* Práctica: Expresiones equivalentes*
6.2.B identify a number . . . and its absolute value;	Understand Absolute Value Comprende Valor absoluto
6.2.B identify a number, its opposite, and its absolute value;	Understand Integers* Comprende Enteros* Practice: Positive and Negative Numbers Práctica: Números positivos y negativos Understand Addition with Integers*

**This lesson is related to the aligned standard*

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Comprende Suma con enteros* Practice: Add and Subtract Integers* Práctica: Suma y resta enteros* Understand Distance on the Number Line* Comprende La distancia en la recta numérica*
6.2.C . . . compare, and order integers and rational numbers . . .	Practice: Positive and Negative Numbers Práctica: Números positivos y negativos
6.2.C locate, compare, and order integers . . . using a number line;	Understand Integers Comprende Enteros
6.2.C locate, compare, and order integers and rational numbers using a number line;	Order Positive and Negative Numbers Ordena números positivos y negativos
6.2.D order a set of rational numbers arising from mathematical and real-world contexts; and	Understand Integers* Comprende Enteros* Order Positive and Negative Numbers Ordena números positivos y negativos Practice: Positive and Negative Numbers Práctica: Números positivos y negativos
6.2.E extend representations for division to include fraction notation such as a/b represents the same number as a ÷ b where b # 0.	Understand Fractions as Division Comprende Fracciones como división

**This lesson is related to the aligned standard*

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
6.3.A recognize that dividing by a rational number [fraction] and multiplying by its reciprocal result in equivalent values;	Divide Fractions: Whole-Number Quotients Divide fracciones: Cocientes de números enteros Divide Fractions: Fractional Quotients Divide fracciones: Cocientes fraccionarios Divide Fractions: Use an Algorithm Divide fracciones: Usa un algoritmo
6.3.C represent [whole number] operations [division] with . . . models and connect the actions with the models to standardized algorithms;	Understand the Standard Algorithm for Division Comprende el algoritmo convencional de la división
6.3.D . . . divide [whole numbers] fluently; and	Understand the Standard Algorithm for Division Comprende el algoritmo convencional de la división Divide Whole Numbers Using the Standard Algorithm Divide números enteros usando el algoritmo convencional
6.3.E . . . divide positive rational numbers [decimals] fluently.	Divide Decimals Using the Standard Algorithm Divide decimales usando el algoritmo convencional
6.3.E . . . divide positive rational numbers [fractions] . . .	Divide Fractions: Whole-Number Quotients

**This lesson is related to the aligned standard*

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Divide fracciones: Cocientes de números enteros Divide Fractions: Fractional Quotients Divide fracciones: Cocientes fraccionarios Divide Fractions: Use an Algorithm Divide fracciones: Usa un algoritmo
6.4.B apply qualitative and quantitative reasoning to solve prediction and comparison of real-world problems involving ratios and rates;	Practice: Equivalent Ratios* Práctica: Razones equivalentes* Equivalent Ratio Tables* Tablas de razones equivalentes* Solve Problems with Ratios and Unit Rates* Resuelve problemas con razones y tazas unitarias* Find Percent of a Number* Halla el porcentaje de un número*
6.4.C give examples of ratios as multiplicative comparisons of two quantities describing the same attribute;	Understand Ratio Concepts Comprende Conceptos de razón Practice: Equivalent Ratios Práctica: Razones equivalentes

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
6.4.D give examples of rates as the comparison by division of two quantities having different attributes, including rates as quotients;	Understand Unit Rate Comprende Taza unitaria
6.4.E represent . . . percents with . . . fractions, and decimals;	Understand Percent Concepts Comprende Conceptos de porcentaje
6.4.E represent ratios and percents with concrete models, fractions, and decimals;	Solve Problems with Percent* Resuelve problemas con porcentajes*
6.4.G generate equivalent forms of fractions, decimals, and percents using real-world problems, including problems that involve money; and	Understand Percent Concepts* Comprende Conceptos de porcentaje* Express Rational Numbers as Decimals* Expresa números racionales como decimales*
6.4.H convert units within a measurement system, including the use of . . . unit rates.	Solve Problems with Measurement Conversions Resuelve problemas con conversiones de medidas
6.5.A represent mathematical . . . problems involving ratios . . . using . . . tables . . .	Equivalent Ratios Razones equivalentes
6.5.A represent mathematical . . . problems involving ratios . . . using . . . tables [and] graphs . . .	Graph Equivalent Ratios Haz una gráfica de razones equivalentes
6.5.A represent mathematical and real-world problems involving ratios . . . using . . . tables . . .	Practice: Equivalent Ratios Práctica: Razones equivalentes Equivalent Ratio Tables

**This lesson is related to the aligned standard*

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Tablas de razones equivalentes
6.5.B solve . . . problems . . . to find the percent given the part and the whole . . .	Find Percent of a Number Halla el porcentaje de un número
6.5.B solve . . . problems to find the whole given a part and the percent . . . and to find the percent given the part and the whole . . .	Solve Problems with Percent Resuelve problemas con porcentajes
6.5.C use equivalent fractions, decimals, and percents to show equal parts of the same whole.	Understand Percent Concepts* Comprende Conceptos de porcentaje* Express Rational Numbers as Decimals*
6.6.A identify independent and dependent quantities from tables and graphs;	Analyze Two-Variable Relationships Analiza relaciones de dos variables Practice: Analyze Two-Variable Relationships Práctica: Analiza relaciones de dos variables
6.6.B write an equation that represents the relationship between independent and dependent quantities from a table; and	Analyze Two-Variable Relationships Analiza relaciones de dos variables Practice: Analyze Two-Variable Relationships Práctica: Analiza relaciones de dos variables
6.6.C represent a given situation using . . . tables, graphs, and equations . . .	Analyze Two-Variable Relationships Analiza relaciones de dos variables

**This lesson is related to the aligned standard*

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Practice: Analyze Two-Variable Relationships Práctica: Analiza relaciones de dos variables
6.7.A generate equivalent numerical expressions using order of operations, including whole number exponents . . .	Numerical Expressions with Exponents Expresiones numéricas con exponentes
6.7.A generate equivalent numerical expressions using order of operations, including whole number exponents and prime factorization;	Write and Evaluate Algebraic Expressions* Escribe y evalúa expresiones algebraicas* Algebraic Expressions with Exponents* Expresiones algebraicas con exponentes* Practice: Numerical and Algebraic Expressions* Práctica: Expresiones numéricas y algebraicas* Equivalent Expressions & the Distributive Property* Expresiones equivalentes y la propiedad distributiva* Equivalent Expressions & Properties of Addition* Expresiones equivalentes y las propiedades de la suma* Practice: Equivalent Expressions*

**This lesson is related to the aligned standard*

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Expresiones equivalentes* Greatest Common Factor (GCF)* Máximo común divisor (M.C.D.)*
6.7.C determine if two expressions are equivalent using . . . algebraic representations; and	Equivalent Expressions & the Distributive Property Expresiones equivalentes y la propiedad distributiva Equivalent Expressions & Properties of Addition Expresiones equivalentes y las propiedades de la suma Practice: Equivalent Expressions Práctica: Expresiones equivalentes
6.7.D generate equivalent expressions using the properties of operations . . .	Equivalent Expressions & Properties of Addition Expresiones equivalentes y las propiedades de la suma Strategies to Add and Subtract Integers Estrategias para sumar y restar enteros Practice: Strategies to Add and Subtract Integers Práctica: Estrategias para sumar y restar enteros

**This lesson is related to the aligned standard*

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Strategies to Add and Subtract Rationals Estrategias para sumar y restar números racionales Practice: Strategies to Add and Subtract Rationals Práctica: Estrategias para sumar y restar números racionales Multiply Integers Multiplica enteros
6.7.D generate equivalent expressions using the properties of operations: . . . commutative, associative, and distributive properties.	Equivalent Linear Expressions Expresiones lineales equivalentes Practice: Equivalent Linear Expressions Práctica: Expresiones lineales equivalentes Reasons for Equivalent Linear Expressions Razones para expresiones lineales equivalentes
6.7.D generate equivalent expressions using the properties of operations: . . . distributive propert[y].	Equivalent Expressions & the Distributive Property Expresiones equivalentes y la propiedad distributiva Practice: Equivalent Expressions Práctica: Expresiones equivalentes

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Greatest Common Factor (GCF) Máximo común divisor (M.C.D.) Practice: GCF and LCM Práctica: M.C.D. y m.c.m.
6.7.D generate equivalent expressions using the properties of operations: inverse . . . propert[y].	Divide Fractions: Whole-Number Quotients Divide fracciones: Cocientes de números enteros
6.7.D generate equivalent expressions using the properties of operations: inverse, identity, commutative, associative, and distributive properties.	Write and Evaluate Algebraic Expressions* Escribe y evalúa expresiones algebraicas* Algebraic Expressions with Exponents* Expresiones algebraicas con exponentes* Practice: Numerical and Algebraic Expressions* Práctica: Expresiones numéricas y algebraicas* Least Common Multiple (LCM)* Mínimo común múltiplo (m.c.m.)* Understand Addition with Integers* Comprende Suma con enteros* Practice: Add and Subtract Integers* Práctica: Suma y resta enteros*

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
6.8.B model area . . . for parallelograms, trapezoids, and triangles by decomposing and rearranging parts of these shapes;	Find the Area of Polygons Halla el área de polígonos
6.8.B model area formulas for . . . triangles by decomposing and rearranging parts of these shapes;	Find the Area of Triangles Halla el área de triángulos Area of Triangles and Other Polygons Área de triángulos y otros polígonos
6.8.B model area formulas for parallelograms . . . by decomposing and rearranging parts of these shapes;	Find the Area of Parallelograms Halla el área de paralelogramos Area of Parallelograms Área de paralelogramos
6.8.C write equations that represent problems related to the area of . . . parallelograms . . .	Find the Area of Parallelograms Halla el área de paralelogramos
6.8.C write equations that represent problems related to the area of . . . parallelograms . . . where dimensions are positive rational numbers; and	Area of Parallelograms Área de paralelogramos
6.8.C write equations that represent problems related to the area of . . . triangles . . .	Find the Area of Triangles Halla el área de triángulos Area of Triangles and Other Polygons Área de triángulos y otros polígonos
6.8.D determine solutions for problems involving the area of . . . parallelograms . . .	Find the Area of Parallelograms Halla el área de paralelogramos

**This lesson is related to the aligned standard*

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
6.8.D determine solutions for problems involving the area of . . . parallelograms . . . where dimensions are positive rational numbers.	Area of Parallelograms Área de paralelogramos
6.8.D determine solutions for problems involving the area of . . . triangles . . .	Find the Area of Triangles Halla el área de triángulos
6.8.D determine solutions for problems involving the area of rectangles, parallelograms, trapezoids, and triangles . . .	Find the Area of Polygons Halla el área de polígonos Area of Triangles and Other Polygons Área de triángulos y otros polígonos
6.9.A write one-variable . . . inequalities to represent constraints or conditions within problems;	Understand Inequalities Comprende Desigualdades Write and Solve Inequalities Escribe y resuelve desigualdades
6.9.A write one-variable, one-step equations . . . to represent . . . problems;	Write and Solve Addition Equations Escribe y resuelve ecuaciones de suma Write and Solve Multiplication Equations Escribe y resuelve ecuaciones de multiplicación Practice: Write and Solve Equations Práctica: Escribe y resuelve ecuaciones

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
6.9.A write one-variable, one-step equations and inequalities to represent constraints or conditions within problems;	Understand Algebraic Expressions* Comprende Expresiones algebraicas* Write and Evaluate Algebraic Expressions* Escribe y evalúa expresiones algebraicas* Algebraic Expressions with Exponents* Expresiones algebraicas con exponentes* Practice: Numerical and Algebraic Expressions* Práctica: Expresiones numéricas y algebraicas* Solutions of Equations* Soluciones de ecuaciones*
6.9.B represent solutions for one-variable . . . inequalities on number lines; and	Understand Inequalities Comprende Desigualdades Write and Solve Inequalities Escribe y resuelve desigualdades
6.9.C write corresponding real-world problems given one-variable, one-step equations or inequalities.	Write and Solve Inequalities* Escribe y resuelve desigualdades*
6.10.A model . . . one-variable . . . inequalities that represent problems . . .	Understand Inequalities Comprende Desigualdades

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Write and Solve Inequalities Escribe y resuelve desigualdades
6.10.A model and solve one-variable, one-step equations . . . that represent problems . . .	Write and Solve Addition Equations Escribe y resuelve ecuaciones de suma Write and Solve Multiplication Equations Escribe y resuelve ecuaciones de multiplicación Practice: Write and Solve Equations Práctica: Escribe y resuelve ecuaciones
6.10.A model and solve one-variable, one-step equations and inequalities that represent problems, including geometric concepts; and	Understand Algebraic Expressions* Comprende Expresiones algebraicas* Write and Evaluate Algebraic Expressions* Escribe y evalúa expresiones algebraicas* Algebraic Expressions with Exponents* Expresiones algebraicas con exponentes* Practice: Numerical and Algebraic Expressions* Práctica: Expresiones numéricas y algebraicas* Solutions of Equations* Soluciones de ecuaciones*

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
6.10.B determine if the given value(s) make(s) one-variable . . . inequalities true.	Understand Inequalities Comprende Desigualdades Write and Solve Inequalities Escribe y resuelve desigualdades
6.10.B determine if the given value(s) make(s) one-variable, one-step equations . . . true.	Solutions of Equations Soluciones de ecuaciones
6.10.B determine if the given value(s) make(s) one-variable, one-step equations or inequalities true.	Write and Solve Addition Equations* Escribe y resuelve ecuaciones de suma* Write and Solve Multiplication Equations* Escribe y resuelve ecuaciones de multiplicación* Practice: Write and Solve Equations* Práctica: Escribe y resuelve ecuaciones*
6.11 The student applies mathematical process standards to use coordinate geometry to identify locations on a plane. The student is expected to graph points in all four quadrants using ordered pairs of rational numbers.	Understand the Four-Quadrant Coordinate Plane Comprende el plano de coordenadas de cuatro cuadrantes Distance in the Coordinate Plane Distancia en el plano de coordenadas
6.12.A represent numeric data graphically, including . . . box plots;	Box Plots Diagramas de caja

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
6.12.A represent numeric data graphically, including . . . histograms . . .	Histograms
6.12.A represent numeric data graphically, including dot plots . . .	Dot Plots Diagramas de punto
6.12.A represent numeric data graphically, including dot plots . . . [and] histograms . . .	Dot Plots and Histograms Diagramas de puntos e histogramas
6.12.B use the graphical representation of numeric data to describe the center, spread, and shape of the data distribution;	Dot Plots Diagramas de punto Box Plots Diagramas de caja Dot Plots and Histograms Diagramas de puntos e histogramas
6.12.C summarize numeric data . . . and . . . describe the center, spread, and shape of the data distribution; and	Dot Plots and Histograms Diagramas de puntos e histogramas
6.12.C summarize numeric data with numerical summaries, . . . and use these summaries to describe the center, spread, and shape of the data distribution; and	Dot Plots Diagramas de punto
6.12.C summarize numeric data with numerical summaries, including the . . . median (measures of center) and the range and interquartile range (IQR) (measures of spread), and use these summaries to describe the center, spread, and shape of the data distribution; and	Box Plots Diagramas de caja
6.12.C summarize numeric data with numerical summaries, including the	Understand Statistical Questions*

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
mean and median (measures of center) and the range and interquartile range (IQR) (measures of spread), and use these summaries to describe the center, spread, and shape of the data distribution; and	Comprende preguntas estadísticas* Using Mean and Mean Absolute Deviation to Compare Data* Using Measures of Center and Variability to Compare Data*
6.12.D summarize categorical data with numerical and graphical summaries, including the mode, the percent of values in each category (relative frequency table), and the percent bar graph, and use these summaries to describe the data distribution.	Medians and Quartiles* Medianas y cuartiles* Mean and Mean Absolute Deviation* Media y desviación media absoluta (DMA)* Understand Mean and MAD* Choice of Measures of Center and Variability* Using Mean and Mean Absolute Deviation to Compare Data* Using Measures of Center and Variability to Compare Data*
6.13.A interpret numeric data summarized in . . . box plots; and	Box Plots Diagramas de caja
6.13.A interpret numeric data summarized in . . . histograms . . .	Histograms
6.13.A interpret numeric data summarized in dot plots . . .	Dot Plots Diagramas de punto

Grade 6 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
6.13.A interpret numeric data summarized in dot plots . . . [and] histograms . . .	Dot Plots and Histograms Diagramas de puntos e histogramas
6.13.B distinguish between situations that yield data with and without variability.	Understand Statistical Questions Comprende preguntas estadísticas

Grade 7

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
7.1.C select . . . techniques, including . . . number sense . . . , to solve problems;	Understand Multi-Step Equations Comprende Ecuaciones de varios pasos
7.1.C select tools, including real objects, manipulatives, paper and pencil, and technology as appropriate, and techniques, including mental math, estimation, and number sense as appropriate, to solve problems;	Write and Solve Multi-Step Equations* Escribe y resuelve ecuaciones de varios pasos* Practice: Write and Solve Multi-Step Equations* Práctica: Escribe y resuelve ecuaciones de varios pasos* Solve Problems with Rational Numbers* Resuelve problemas con números racionales*
7.2 The student applies mathematical process standards to represent and use rational numbers in a variety of forms. The student is expected to extend previous knowledge of sets and subsets using a visual representation to describe relationships between sets of rational numbers.	Express Rational Numbers as Decimals* Expresa números racionales como decimales*
7.3.A . . . multiply, and divide rational numbers . . .	Multiply and Divide Rationals Multiplica y divide números racionales Practice: Multiply and Divide Rationals Práctica: Multiplica y divide números racionales
7.3.A . . . multiply, and divide [integers] . . .	Practice: Multiply and Divide Integers Práctica: Multiplica y divide enteros

**This lesson is related to the aligned standard*

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
7.3.A add, subtract, multiply, and divide rational numbers . . .	Solve Problems with Rational Numbers Resuelve problemas con números racionales
7.3.B apply . . . previous understandings of operations to solve problems using addition [and] subtraction . . . of rational numbers.	Add and Subtract Rationals Suma y resta números racionales Practice: Add and Subtract Rationals Práctica: Suma y resta números racionales Strategies to Add and Subtract Rationals Estrategias para sumar y restar números racionales Practice: Strategies to Add and Subtract Rationals Práctica: Estrategias para sumar y restar números racionales
7.3.B apply . . . previous understandings of operations to solve problems using addition [and] subtraction . . . of [integers].	Strategies to Add and Subtract Integers Estrategias para sumar y restar enteros Practice: Strategies to Add and Subtract Integers Práctica: Estrategias para sumar y restar enteros
7.3.B apply and extend previous understandings of operations to solve problems using . . . division of [integers].	Divide Integers Divide enteros
7.3.B apply and extend previous understandings of operations to solve	Multiply Integers

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
problems using . . . multiplication . . . of [integers].	Multiplica enteros
7.3.B apply and extend previous understandings of operations to solve problems using . . . multiplication, and division of . . . [integers].	Practice: Multiply and Divide Integers Práctica: Multiplica y divide enteros
7.3.B apply and extend previous understandings of operations to solve problems using . . . multiplication, and division of rational numbers.	Multiply and Divide Rationals Multiplica y divide números racionales Practice: Multiply and Divide Rationals Práctica: Multiplica y divide números racionales
7.3.B apply and extend previous understandings of operations to solve problems using addition, subtraction, multiplication, and division of rational numbers.	Understand Subtraction with Integers* Comprende Resta con enteros* Practice: Add and Subtract Integers* Práctica: Suma y resta enteros* Solve Problems with Rational Numbers Resuelve problemas con números racionales
7.4.B calculate unit rates . . .	Unit Rates for Ratios with Fractions, Part 1 Tasas unitarias de razones con fracciones, Parte 1 Unit Rates for Ratios with Fractions, Part 2 Tasas unitarias de razones con fracciones, Parte 2

**This lesson is related to the aligned standard*

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Practice: Unit Rates for Ratios with Fractions Práctica: Tasas unitarias de razones con fracciones
7.4.C determine the constant of proportionality (k = y/x) within . . . problems;	Understand Proportional Relationships Comprende Relaciones proporcionales
7.4.C determine the constant of proportionality (k = y/x) within mathematical . . . problems;	Write Equations for Proportional Relationships Escribe ecuaciones para relaciones proporcionales Practice: Proportional Relationships Práctica: Relaciones proporcionales
7.4.D solve problems involving ratios, rates, and percents, including multi-step problems . . .	Solve Percent Problems, Part 1 Resuelve problemas sobre porcentajes, Parte 1 Practice: Solve Percent Problems Práctica: Resuelve problemas sobre porcentajes Solve Percent Problems, Part 2 Resuelve problemas sobre porcentajes, Parte 2 Solve Percent Problems, Part 3 Resuelve problemas sobre porcentajes, Parte 3

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Percent Change Cambio porcentual
7.5.A generalize the critical attributes of similarity, including ratios within and between similar shapes;	Understand Scale Drawings* Comprende dibujos a escala*
7.5.B describe # as the ratio of the circumference of a circle to its diameter; and	Understand Area and Circumference of a Circle* Comprende el área y la circunferencia de un círculo* Area and Circumference of a Circle*
7.5.C solve mathematical . . . problems involving similar shape and scale drawings.	Understand Scale Drawings Comprende dibujos a escala Use Scale Factors Usa factores de escala
7.6.A represent sample spaces for simple and compound events using lists and tree diagrams;	Understand and Use Probability Models* Comprende y usa modelos de probabilidad* Probability Models*
7.6.B select and use different simulations to represent simple and compound events with and without technology;	Understand and Use Probability Models* Comprende y usa modelos de probabilidad* Probability Models*
7.6.C make predictions and determine solutions using experimental data for . . . compound events;	Simulations of Compound Events

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
7.6.C make predictions and determine solutions using experimental data for simple . . . events;	Use Experimental Probability to Make Predictions Usa la probabilidad experimental para hacer predicciones Experimental Probability
7.6.C make predictions and determine solutions using experimental data for simple and compound events;	Understand and Use Probability Models* Comprende y usa modelos de probabilidad* Probability Models* Probability of Compound Events*
7.6.D make predictions and determine solutions using theoretical probability for . . . compound events;	Probability of Compound Events
7.6.D make predictions and determine solutions using theoretical probability for simple and compound events;	Understand Probability* Comprende probabilidad* Understand and Use Probability Models* Comprende y usa modelos de probabilidad* Probability Concepts* Probability Models*
7.6.F use data from a random sample to make inferences about a population;	Make Inferences About Populations Using Samples Haz inferencias acerca de poblaciones usando muestras Understand Random Sampling*

**This lesson is related to the aligned standard*

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Comprende muestreo aleatorio* Reason about Random Samples Razona acerca de muestras aleatorias
7.6.H solve problems using qualitative and quantitative predictions and comparisons from simple experiments; and	Understand and Use Probability Models* Comprende y usa modelos de probabilidad* Probability Models*
7.6.I determine . . . theoretical probabilities related to . . . compound events using data and sample spaces.	Probability of Compound Events
7.6.I determine . . . theoretical probabilities related to simple . . . events using data and sample spaces.	Understand and Use Probability Models Comprende y usa modelos de probabilidad Probability Models
7.6.I determine experimental . . . probabilities related to . . . compound events using data and sample spaces.	Simulations of Compound Events
7.6.I determine experimental . . . probabilities related to simple . . . events using data and sample spaces.	Use Experimental Probability to Make Predictions Usa la probabilidad experimental para hacer predicciones Experimental Probability
7.6.I determine experimental and theoretical probabilities related to simple and compound events using data and sample spaces.	Understand Probability* Comprende probabilidad* Probability Concepts*

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
7.7 The student applies mathematical process standards to represent linear relationships using multiple representations . . .	Reasons for Equivalent Linear Expressions Razones para expresiones lineales equivalentes
7.7 The student applies mathematical process standards to represent linear relationships using multiple representations. The student is expected to represent linear relationships using . . . equations . . .	Understand Multi-Step Equations Comprende Ecuaciones de varios pasos Write and Solve Multi-Step Equations Escribe y resuelve ecuaciones de varios pasos Practice: Write and Solve Multi-Step Equations Práctica: Escribe y resuelve ecuaciones de varios pasos
7.8.A model the relationship between the volume of a rectangular prism and a rectangular pyramid having both congruent bases and heights and connect that relationship to the formulas;	Volume with Fractional Length*
7.8.B explain verbally and symbolically the relationship between the volume of a triangular prism and a triangular pyramid having both congruent bases and heights and connect that relationship to the formulas; and	Volume with Fractional Length*
7.8.C use models to determine the approximate formulas for the circumference and area of a circle and connect the models to the actual formulas.	Understand Area and Circumference of a Circle Comprende el área y la circunferencia de un círculo Area and Circumference of a Circle

**This lesson is related to the aligned standard*

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
7.9.A solve problems involving the volume of rectangular prisms . . .	Volume with Fractional Length
7.9.B determine the circumference and area of circles;	Understand Area and Circumference of a Circle Comprende el área y la circunferencia de un círculo Area and Circumference of a Circle
7.9.C determine the area of composite figures containing combinations of rectangles, squares, parallelograms, trapezoids, triangles, semicircles, and quarter circles; and	Area of Composed Figures
7.9.C The student applies mathematical process standards to solve geometric problems. [use] the area of composite figures containing combinations of rectangles, squares, parallelograms, trapezoids, [and] triangles . . .	Area and Surface Area Área y área total
7.9.D solve problems involving the . . . surface area of a . . . [right] rectangular prism . . . [and] triangular prism . . .	Area and Surface Area Área y área total
7.9.D solve problems involving the lateral and total surface area of a rectangular prism, rectangular pyramid, triangular prism, and triangular pyramid by determining the area of the shape's net.	Use Nets to Find Surface Area Usa modelos planos para hallar el área de la superficie Nets and Surface Area
7.10.A write one-variable, two-step . . . inequalities to represent constraints or conditions within problems;	Understand Solutions of Inequalities Comprende Soluciones de desigualdades Solve Problems with Inequalities

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Resuelve problemas con desigualdades
7.10.A write one-variable, two-step equations . . . to represent . . . problems;	Understand Multi-Step Equations Comprende Ecuaciones de varios pasos Write and Solve Multi-Step Equations Escribe y resuelve ecuaciones de varios pasos Practice: Write and Solve Multi-Step Equations Práctica: Escribe y resuelve ecuaciones de varios pasos
7.10.A write one-variable, two-step equations and inequalities to represent constraints or conditions within problems;	Reasons for Equivalent Linear Expressions* Razones para expresiones lineales equivalentes*
7.10.B represent solutions for one-variable, two-step . . . inequalities on number lines; and	Understand Solutions of Inequalities Comprende Soluciones de desigualdades Solve Inequalities Resuelve desigualdades Solve Problems with Inequalities Resuelve problemas con desigualdades
7.10.C write a corresponding real-world problem given a one-variable, two-step equation or inequality.	Understand Solutions of Inequalities* Comprende Soluciones de desigualdades*
7.11.A . . . solve one-variable, two-step . . . inequalities;	Solve Inequalities

**This lesson is related to the aligned standard*

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Resuelve desigualdades
7.11.A . . . solve one-variable, two-step equations . . .	Solve Multi-Step Equations, Part 1 Resuelve ecuaciones de varios pasos, Parte 1 Solve Multi-Step Equations, Part 2 Resuelve ecuaciones de varios pasos, Parte 2
7.11.A model and solve one-variable, two-step . . . inequalities;	Understand Solutions of Inequalities Comprende Soluciones de desigualdades Solve Problems with Inequalities Resuelve problemas con desigualdades
7.11.A model and solve one-variable, two-step equations . . .	Understand Multi-Step Equations Comprende Ecuaciones de varios pasos Write and Solve Multi-Step Equations Escribe y resuelve ecuaciones de varios pasos Practice: Write and Solve Multi-Step Equations Práctica: Escribe y resuelve ecuaciones de varios pasos
7.11.A model and solve one-variable, two-step equations and inequalities;	Equivalent Linear Expressions* Expresiones lineales equivalentes*

**This lesson is related to the aligned standard*

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Practice: Equivalent Linear Expressions* Práctica: Expresiones lineales equivalentes* Reasons for Equivalent Linear Expressions* Razones para expresiones lineales equivalentes*
7.11.B determine if the given value(s) make(s) one-variable, two-step equations and inequalities true; and	Understand Solutions of Inequalities* Comprende Soluciones de desigualdades*
7.11.C . . . solve equations using geometry concepts, including . . . angle relationships.	Understand Angle Relationships Comprende relación entre ángulos
7.12.A compare two groups of numeric data . . . by comparing their . . . centers, and spreads;	Compare Populations Compara poblaciones
7.12.A compare two groups of numeric data using comparative dot plots or box plots by comparing their shapes, centers, and spreads;	Using Mean and Mean Absolute Deviation to Compare Data*
7.12.B use data from a random sample to make inferences about a population; and	Make Inferences About Populations Using Samples Haz inferencias acerca de poblaciones usando muestras Reason about Random Samples Razona acerca de muestras aleatorias
7.12.C compare two populations based on data in random samples from these populations, including informal comparative inferences about differences between the two populations.	Compare Populations Compara poblaciones

**This lesson is related to the aligned standard*

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
7.13.A calculate the sales tax for a given purchase and calculate income tax for earned wages;	Solve Percent Problems, Part 1* Resuelve problemas sobre porcentajes, Parte 1* Practice: Solve Percent Problems* Práctica: Resuelve problemas sobre porcentajes* Solve Percent Problems, Part 2* Resuelve problemas sobre porcentajes, Parte 2* Solve Percent Problems, Part 3* Resuelve problemas sobre porcentajes, Parte 3* Percent Change* Cambio porcentual*
7.13.E calculate and compare simple interest and compound interest earnings; and	Solve Percent Problems, Part 1* Resuelve problemas sobre porcentajes, Parte 1* Practice: Solve Percent Problems* Práctica: Resuelve problemas sobre porcentajes* Solve Percent Problems, Part 2*

Grade 7 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Resuelve problemas sobre porcentajes, Parte 2* Solve Percent Problems, Part 3* Resuelve problemas sobre porcentajes, Parte 3* Percent Change* Cambio porcentual*
7.13.F analyze and compare monetary incentives, including sales, rebates, and coupons.	Solve Percent Problems, Part 1* Resuelve problemas sobre porcentajes, Parte 1* Practice: Solve Percent Problems* Práctica: Resuelve problemas sobre porcentajes* Solve Percent Problems, Part 2* Resuelve problemas sobre porcentajes, Parte 2* Solve Percent Problems, Part 3* Resuelve problemas sobre porcentajes, Parte 3* Percent Change* Cambio porcentual*

Grade 8

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
8.2.A extend previous knowledge of sets and subsets using a visual representation to describe relationships between sets of real numbers;	Rational and Irrational Numbers*
8.2.B approximate the value of an irrational number, including # and square roots of numbers less than 225, and locate that rational number approximation on a number line;	Rational and Irrational Numbers* Approximating Irrational Numbers*
8.2.C convert between standard decimal notation and scientific notation; and	Scientific Notation
8.2.D order a set of real numbers arising from mathematical and real-world contexts.	Approximating Irrational Numbers*
8.3.A generalize that the ratio of corresponding sides of similar shapes are proportional, including a shape and its dilation;	Dilations and Similarity Dilataciones y semejanza Dilations in the Coordinate Plane* Dilataciones en el plano de coordenadas*
8.3.B compare and contrast the attributes of a shape and its dilation(s) on a coordinate plane; and	Dilations and Similarity* Dilataciones y semejanza*
8.3.C . . . explain the effect of a given positive rational scale factor applied to two-dimensional figures on a coordinate plane with the origin as the center of dilation.	Dilations in the Coordinate Plane Dilataciones en el plano de coordenadas
8.3.C use an algebraic representation to explain the effect of a given positive rational scale factor applied to two-dimensional figures on a coordinate plane with the origin as the center of dilation.	Dilations and Similarity* Dilataciones y semejanza*
8.4.A use similar right triangles to develop an understanding that slope, m, given as the rate comparing the change in y-values to	Proportional Relationships and Slope Relaciones proporcionales y pendiente

Grade 8 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
the change in x-values, (y# - y#)/ (x# - x#), is the same for any two points (x#, y#) and (x#, y#) on the same line;	
8.4.B graph proportional relationships . . .	Graph Linear Equations Representa en una gráfica ecuaciones lineales
8.4.B graph proportional relationships, interpreting the unit rate as the slope of the line that models the relationship; and	Understand Proportional Relationships* Comprende Relaciones proporcionales* Write Equations for Proportional Relationships* Escribe ecuaciones para relaciones proporcionales* Practice: Proportional Relationships* Práctica: Relaciones proporcionales* Proportional Relationships and Slope Relaciones proporcionales y pendiente Compare Functions* Compara funciones*
8.5.A represent linear proportional situations with . . . equations in the form of y = kx;	Write Equations for Proportional Relationships Escribe ecuaciones para relaciones proporcionales Practice: Proportional Relationships

Grade 8 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Práctica: Relaciones proporcionales
8.5.B represent linear non-proportional situations with . . . equations in the form of y = mx + b, where b # 0;	Derive Linear Equations Deriva ecuaciones lineales
8.5.B represent linear non-proportional situations with . . . graphs . . . of y = mx + b, where b # 0;	Graph Linear Equations Representa en una gráfica ecuaciones lineales
8.5.C contrast bivariate sets of data that suggest a linear relationship with bivariate sets of data that do not suggest a linear relationship from a graphical representation;	Analyze Scatter Plots and Fit a Linear Model* Analiza diagramas de dispersión y ajusta un modelo lineal a los datos*
8.5.D use a trend line that approximates the linear relationship between bivariate sets of data . . .	Analyze Scatter Plots and Fit a Linear Model Analiza diagramas de dispersión y ajusta un modelo lineal a los datos
8.5.D use a trend line that approximates the linear relationship between bivariate sets of data to make predictions;	Equations for Linear Models* Ecuaciones de modelos lineales* Linear Models* Problem Solving with Linear Models*
8.5.F distinguish . . . proportional . . . situations using tables [and] graphs . . .	Understand Proportional Relationships Comprende Relaciones proporcionales Practice: Proportional Relationships Práctica: Relaciones proporcionales
8.5.G identify functions using . . . tables . . . and graphs;	Understand Functions

Grade 8 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Comprende funciones
8.5.I write an equation in the form y = mx + b to model a linear relationship between two quantities using . . . graphical representations.	Derive Linear Equations Deriva ecuaciones lineales
8.6.A describe the volume formula V = Bh of a cylinder in terms of its base area and its height;	Volume of Cylinders, Cones, and Spheres
8.6.B model the relationship between the volume of a cylinder and a cone having both congruent bases and heights and connect that relationship to the formulas; and	Volume of Cylinders, Cones, and Spheres
8.6.C use models and diagrams to explain the Pythagorean theorem.	The Pythagorean Theorem
8.7.A solve problems involving the volume of cylinders, cones, and spheres;	Volume of Cylinders, Cones, and Spheres
8.7.B use previous knowledge of surface area to make connections to the formulas for lateral and total surface area and determine solutions for problems involving rectangular prisms, triangular prisms, and cylinders;	Surface Area of Composed Figures*
8.7.C use the Pythagorean Theorem and its converse to solve problems; and	The Pythagorean Theorem* Applications of the Pythagorean Theorem
8.7.D determine the distance between two points on a coordinate plane using the Pythagorean Theorem.	Applications of the Pythagorean Theorem
8.8.A write one-variable equations . . . that represent problems . . .	Number of Solutions for Linear Equations Número de soluciones de ecuaciones lineales

Grade 8 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
8.8.C . . . solve one-variable equations . . . using [non-zero] rational number coefficients and constants; and	Solve Multi-Step Equations, Part 1 Resuelve ecuaciones de varios pasos, Parte 1 Solve Multi-Step Equations, Part 2 Resuelve ecuaciones de varios pasos, Parte 2
8.8.C . . . solve one-variable equations with variables on both sides of the equal sign . . . using rational number coefficients and constants; and	Solve Linear Equations Resuelve ecuaciones lineales
8.8.C model and solve one-variable equations . . . that represent . . . real-world problems using rational number coefficients and constants; and	Write and Solve Multi-Step Equations Escribe y resuelve ecuaciones de varios pasos
8.8.C model and solve one-variable equations . . . that represent mathematical . . . problems using . . . [integer] coefficients . . .	Understand Multi-Step Equations Comprende Ecuaciones de varios pasos
8.8.C model and solve one-variable equations . . . that represent mathematical . . . problems using rational number coefficients and constants; and	Practice: Write and Solve Multi-Step Equations Práctica: Escribe y resuelve ecuaciones de varios pasos
8.8.C model and solve one-variable equations with variables on both sides of the equal sign that represent mathematical and real-world problems using rational number coefficients and constants; and	Number of Solutions for Linear Equations* Número de soluciones de ecuaciones lineales*
8.8.D use informal arguments to establish facts about . . . the angles created when parallel lines are cut by a transversal . . .	Describe Angle Relationships Describe relaciones entre ángulos

**This lesson is related to the aligned standard*

Grade 8 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
8.8.D use informal arguments to establish facts about the angle sum and exterior angle of triangles . . .	Describe Angle Relationships in Triangles Describe relaciones entre ángulos en triángulos
8.9 The student applies mathematical process standards to use multiple representations to develop foundational concepts of simultaneous linear equations. The student is expected to identify and verify the values of x and y that simultaneously satisfy two linear equations in the form y = mx + b from the intersections of the graphed equations.	Understand Systems of Linear Equations Comprende sistemas de ecuaciones lineales Graph Systems of Linear Equations Representa en una gráfica sistemas de ecuaciones lineales Solve Systems of Linear Equations: Substitution Resuelve sistemas de ecuaciones lineales: Sustitución
8.10.A generalize the properties of orientation and congruence of rotations, reflections, translations, and dilations of two-dimensional shapes on a coordinate plane;	Translations* Traslaciones* Reflections* Reflexiones* Rotations* Rotaciones*
8.10.A generalize the properties of orientation and congruence of rotations, reflections, [and] translations . . .	Understand Rigid Transformations Comprende Transformaciones rígidas
8.10.B differentiate between transformations that preserve congruence and those that do not;	Understand Rigid Transformations* Comprende Transformaciones rígidas*

**This lesson is related to the aligned standard*

Grade 8 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
8.10.C explain the effect of . . . reflections over the x- or y-axis . . . as applied to two-dimensional shapes on a coordinate plane . . .	Reflections Reflexiones
8.10.C explain the effect of . . . rotations limited to 90°, 180°, 270°, and 360° as applied to two-dimensional shapes on a coordinate plane . . .	Rotations Rotaciones
8.10.C explain the effect of translations . . . as applied to two-dimensional shapes on a coordinate plane . . .	Translations Traslaciones
8.11.A construct a scatterplot and describe the observed data to address questions of association such as linear, non-linear, and no association between bivariate data;	Analyze Scatter Plots and Fit a Linear Model Analiza diagramas de dispersión y ajusta un modelo lineal a los datos Scatter Plots
8.11.B determine the mean absolute deviation and use this quantity as a measure of the average distance data are from the mean using a data set of no more than 10 data points; and	Using Mean and Mean Absolute Deviation to Compare Data*
8.11.C simulate generating random samples of the same size from a population with known characteristics to develop the notion of a random sample being representative of the population from which it was selected	Understand Random Sampling* Comprende muestreo aleatorio*

Grades 8 - 9

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
8-9.2.C write linear equations in two variables given . . . a graph . . .	Derive Linear Equations Deriva ecuaciones lineales
8-9.2.G . . . determine whether the slope of the line is zero or undefined;	Graph Linear Equations Representa en una gráfica ecuaciones lineales
8-9.3.B calculate the rate of change of a linear function represented . . . in context . . .	Linear Functions: Model from a Verbal Description Funciones lineales: Hacer un modelo a partir de una descripción verbal
8-9.3.B calculate the rate of change of a linear function represented tabularly [or] graphically . . .	Linear Functions: Model from Two Points Funciones lineales: Haz un modelo a partir de dos puntos
8-9.3.B calculate the rate of change of a linear function represented tabularly, graphically, or . . . in context . . .	Linear Functions: Rate of Change and Initial Value Funciones lineales: Tasa de cambio y valor inicial
8-9.3.F graph systems of two linear equations in two variables on the coordinate plane and determine the solutions if they exist;	Understand Systems of Linear Equations Comprende sistemas de ecuaciones lineales Graph Systems of Linear Equations Representa en una gráfica sistemas de ecuaciones lineales
8-9.3.G estimate graphically the solutions to systems of two linear equations with two variables . . .	Solve Systems of Linear Equations: Substitution Resuelve sistemas de ecuaciones lineales: Sustitución

Grades 8 - 9 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
8-9.4.A calculate, using technology, the correlation coefficient between two quantitative variables and interpret this quantity as a measure of the strength of the linear association;	Scatter Plots*
8-9.4.C write, with and without technology, linear functions that provide a reasonable fit to data to estimate solutions and make predictions for real-world problems.	Equations for Linear Models Ecuaciones de modelos lineales Linear Models Problem Solving with Linear Models
8-9.5.C solve systems of two linear equations with two variables for mathematical and real-world problems.	Understand Systems of Linear Equations* Comprende sistemas de ecuaciones lineales* Graph Systems of Linear Equations* Representa en una gráfica sistemas de ecuaciones lineales* Solve Systems of Linear Equations: Substitution* Resuelve sistemas de ecuaciones lineales: Sustitución* Solve Systems of Linear Equations: Elimination* Resuelve sistemas de ecuaciones lineales: Eliminación*
8-9.11.A simplify numerical radical expressions involving square roots [of perfect squares]; and	Find Square Roots and Cube Roots to Solve Problems

Grades 8 - 9 (continued)

Texas Essential Knowledge and Skills for Mathematics (TEKS)	Aligned Lessons
	Halla raíces cuadradas y raíces cúbicas para resolver problemas
8-9.11.B simplify numeric and algebraic expressions using the laws of exponents, including integral and rational exponents.	Properties of Positive Integer Exponents, Part 1* Propiedades de los exponentes enteros positivos, Parte 1* Properties of Positive Integer Exponents, Part 2 * Propiedades de los exponentes enteros positivos, Parte 2* Properties of Zero and Negative Exponents* Propiedades del cero y de los exponentes negativos*
8-9.12.A decide whether relations represented verbally, tabularly, graphically, and symbolically define a function;	Understand Functions Comprende funciones