Amplify Desmos Math Texas, Grade 4, Scope and Sequence

The following shows the scope and sequence of Amplify Desmos Math Texas, Grade 4, that outlines the concepts, knowledge, and skills of the course aligned to the Texas Essential Knowledge and Skills (TEKS) and the Texas English Language Proficiency Standards (ELPS) for Grade 4.

Unit 1: Fraction Equivalence and Comparison

Lesson	Title	Concepts, Knowledge, and Skills	TEKS	ELPS
Sub-unit 1: Size and Location of Fractions			
1.01	Explore: Building Your Own Number Line | How can you use the fewest number of points to represent different types of fractions on a number line? Explore how to use the fewest number of points to represent different types of fractions on a number line.	Building Toward 4.3.C **Process TEKS:** 4.1.A, 4.1.B, 4.1.D, 4.1.F	1.A, 1.C, 1.E, 2.B, 2.D, 2.E, 2.F, 3.A, 3.F
1.02	Representing Fractions | Explaining Relationships Between Unit Fractions Partition and combine pieces on fraction-strip diagrams to represent fractions with different denominators as a sum of unit fractions.	4.3.A **Process TEKS:** 4.1.E, 4.1.F	1.B, 1.C, 1.D, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 4.F
1.03	Chop It | Locating Fractions Less Than 1 on Number Lines Locate and label fractions on number lines.	Building Toward 4.3.C and 4.3.G **Process TEKS:** 4.1.F	1.D, 1.E, 2.B, 2.D, 2.E
1.04	All Kinds of Fractions | Representing Fractions Greater Than or Less Than 1 Represent fractions less than and greater than 1 as a sum of unit fractions in different ways.	4.3.A, 4.3.B **Process TEKS:** 4.1.D, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F
Sub-unit 2: Equivalent Fractions			
1.05	How Far Did Ingrid Run? | Determining Equivalent Fractions Using a Fraction Model Determine equivalent fractions using fraction models.	4.3.C **Process TEKS:** 4.1.A, 4.1.F	1.E, 2.C, 2.D, 2.E, 2.F, 3.A, 3.F, 3.H
1.06	Can You Find Two? | Generating More Than 1 Equivalent Fraction Use fraction models and number lines to generate 2 or more equivalent fractions.	4.3.C **Process TEKS:** 4.1.D, 4.1.F, 4.1.G	1.C, 1.E, 1.F, 2.B, 2.C, 2.D, 2.E, 2.F, 4.D, 4.F

1.07	At the Same Point | Determining Equivalent Fractions Using Number Lines Use number lines to identify and generate equivalent fractions.	4.3.C, 4.3.G **Process TEKS:** 4.1.F	1.B, 1.E, 1.F, 2.B, 2.C, 2.D, 2.E
1.08	How Do You Know? (Part 1) | Justifying Fraction Equivalence Justify how 2 fractions are equivalent using visual fraction models, words, and equations.	Building Toward 4.3.C **Process TEKS:** 4.1.C, 4.1.D, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.C, 3.E, 3.F, 3.H, 4.D, 4.F
1.09	How Do You Know? (Part 2) | Generalizing About Equivalent Fractions Generate equivalent fractions using multiplication and division and explain how this method connects to visual models.	4.3.C **Process TEKS:** 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.C, 3.E, 3.H, 4.C, 4.D, 4.F
1.10	Equivalent Distances | Generating Equivalent Fractions Using Multiplication and Division Generate equivalent fractions using multiplication and division.	4.3.C **Process TEKS:** 4.1.F, 4.1.G	1.D, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.G
Sub-unit 3: Fraction Comparison			
1.11	Which Is Greater? | Comparing Fractions With the Same Numerator or Denominator Compare fractions with either the same numerator or the same denominator using the symbols >, <, or =.	4.3.D **Process TEKS:** 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 4.D, 4.F
1.12	Pairs to Compare | Using Equivalent Fractions to Compare (Part 1) Compare fractions with different numerators and related denominators using a variety of strategies.	4.3.D **Process TEKS:** 4.1.D, 4.1.F, 4.1.G	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 3.E
1.13	Comparing Distances | Using Equivalent Fractions to Compare (Part 2) Compare fractions with different numerators and unrelated denominators using a variety of strategies.	4.3.D **Process TEKS:** 4.1.B, 4.1.D, 4.1.F	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.E
1.14	Getting in Order | Using Strategies to Compare and Order Fractions Use multiple strategies to compare and order fractions.	Building Toward 4.3.D **Process TEKS:** 4.1.F, 4.1.G	1.E, 1.F, 2.B, 2.D, 2.E, 2.F
1.15	All in Order | Ordering Larger Sets of Fractions Order a large set of fractions from least to greatest.	4.3.D **Process TEKS:** 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F

Unit 2: Extending Operations to Fractions

Lesson	Title	Concepts, Knowledge and Skills	TEKS	ELPS
Sub-unit 1: Adding and Subtracting Fractions With Equal Denominators				
2.01	Explore: Making a Whole | How many different ways can you make a whole veggie pizza? Generate different ways to make a whole using fractional parts.	Building Toward: 4.3.E **Process TEKS:** 4.1.A, 4.1.B, 4.1.D, 4.1.F	1.B, 1.D, 1.E, 2.B, 2.D, 2.E, 2.F, 3.D, 3.F
2.02	Pizza Problems | Representing and Solving Addition and Subtraction of Fractions With Objects Represent addition and subtraction of fractions using fraction strips.	4.3.E **Process TEKS:** 4.1.A, 4.1.F	1.B, 1.E, 2.B, 2.D, 2.E, 2.F, 3.A, 3.D, 3.F, 3.G, 3.H
2.03	Math Pizzeria | Decomposing Fractions and Mixed Numbers Into a Sum of Fractions Use number lines to represent sums and differences of fractions and decompose fractions greater than 1.	4.3.A, 4.3.B, 4.3.E **Process TEKS:** 4.1.D, 4.1.F	1.B, 1.C, 1.D, 1.E, 1.F, 2.B, 2.C, 2.D, 2.E, 2.F, 3.D, 3.E
2.04	Water, Ribbons, and Plants | Representing and Solving Addition and Subtraction of Fractions With Models Create visual models and write equations to solve real-world problems.	4.3.E **Process TEKS:** 4.1.A, 4.1.D, 4.1.F, 4.1.G	1.E, 1.F, 2.B, 2.C, 2.D, 2.E, 2.F, 3.A, 3.F, 3.G, 3.H
2.05	On the Number Line | Determining the Reasonableness of Sums and Differences of Fractions Using Benchmarks Add and subtract fractions, whole numbers, and mixed numbers on the number line.	4.3.E, 4.3.F **Process TEKS:** 4.1.E, 4.1.F, 4.1.G	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.E, 3.F, 4.C, 4.D, 4.F
2.06	All Kinds of Numbers | Adding and Subtracting Fractions, Whole Numbers, and Mixed Numbers Decompose fractions to add and subtract.	4.3.E **Process TEKS:** 4.1.B, 4.1.D, 4.1.F, 4.1.G	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.A, 3.D, 3.F, 3.G, 3.H
2.07	Bookshelf Fractions | Decomposing Fractions to Add and Subtract Justify multiple combinations of a limited set of fractions that can be combined to make a given sum.	4.3.E **Process TEKS:** 4.1.A, 4.1.C, 4.1.D, 4.1.F	1.B, 1.C, 1.E, 2.C, 2.D, 2.E, 2.F, 3.A, 3.F, 3.G, 3.H
2.08	Plotting the Data | Representing Data That Include Fractions on Dot Plots and	4.8.C, 4.9.A, 4.9.B	1.D, 1.E, 2.B, 2.E, 2.F, 3.D, 3.F

Lesson	Title	Concepts, Knowledge and Skills	TEKS	ELPS
	Frequency Tables Analyze and complete dot plots and frequency tables to answer questions about the data.		**Process TEKS:** 4.1.E, 4.1.F, 4.1.G	
2.09	Farm Fresh | Solving Problems Involving Measurement Data on Dot Plots Compare 2 dot plots representing data for the same set of objects and use the data to solve a real-world problem.		4.9.A, 4.9.B **Process TEKS:** 4.1.F, 4.1.G	1.E, 2.B, 2.D, 2.E, 2.F, 3.H

Unit 3: From Hundredths to One Billion

Lesson	Title	Concepts, Knowledge and Skills	TEKS	ELPS
Sub-unit 1: Decimal Place Value				
3.01	Explore: Different Units | When is a ten not a ten? Determine the value of base-ten blocks when the value of one of the blocks is changed.		Building Toward: 4.2.E **Process TEKS:** 4.1.A, 4.1.B, 4.1.D, 4.1.F	1.E, 2.B, 2.E, 2.F, 3.H
3.02	Introducing Decimals | Representing Decimals to Tenths With Concrete and Visual Models Represent fractions as decimals to tenths.		4.2.E, 4.2.G **Process TEKS:** 4.1.D, 4.1.E, 4.1.F	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.D, 3.E, 3.F
3.03	A New Way to Represent Hundredths | Representing Decimals to Hundredths With Concrete and Visual Models Represent fractions as decimals to hundredths.		4.2.E, 4.2.G **Process TEKS:** 4.1.D, 4.1.E, 4.1.F	1.B, 2.B, 2.E, 3.A, 3.C, 3.E, 3.F
3.04	Are They Equivalent? | Relating Decimals to Fractions Represent fractions and decimals to identify equivalent values.		4.2.G **Process TEKS:** 4.1.D, 4.1.E, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.H, 4.C, 4.D, 4.F
3.05	Along the Lines | Identifying and Representing Tenths and Hundredths on a Number Line Represent tenths and hundredths as points on a number line in fraction and decimal form.		4.2.H, 4.3.G **Process TEKS:** 4.1.A, 4.1.E, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F
3.06	Say What? | Representing Decimals With Expanded Notation Represent decimals to the hundredths in word form, expanded form, and expanded		4.2.B, 4.2.G **Process TEKS:** 4.1.D, 4.1.E, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.C

	notation.		
3.07	How Can You Compare? | Using Objects and Visual Models to Compare and Order Decimals Compare and order decimals to the hundredths place by reasoning about their size.	4.2.F **Process TEKS:** 4.1.A, 4.1.C, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F
3.08	Robot Factory | Comparing and Ordering Decimals Compare and order decimals to reason about their size.	4.2.F **Process TEKS:** 4.1.B, 4.1.F	1.E, 2.B, 2.C, 2.E, 2.F
Sub-unit 2: Place Value Relationships Through 1,000,000,000			
3.09	Numbers up to 1,000,000,000 | Representing Numbers in Standard Form, Expanded Form, and Expanded Notation Write numbers up to one billion in standard form, expanded form, and word form.	4.2.B **Process TEKS:** 4.1.D, 4.1.G	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.E
3.10	Multiplying With 10 and 100 | Determining Products of a Number and 10 or 100 Multiply a number by 10 or 100 using partial products.	4.2.B **Process TEKS:** 4.1.B, 4.1.C, 4.1.D, 4.1.G	1.C, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F
3.11	Same Digit, Different Value | Using Expanded Notation to Describe the Relationship Between Digits Represent multi-digit numbers in standard form, expanded form, and expanded notation.	4.2.A, 4.2.B **Process TEKS:** 4.1.E, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.C, 3.D, 3.F, 3.H
3.12	What's the Relationship? | Exploring the Relationship Between Digits Identify and describe the values of the same digit located in different places in a multi-digit number.	4.2.A, 4.2.B **Process TEKS:** 4.1.F, 4.1.G	1.C, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.H, 4.D, 4.F
3.13	Which Is Greater? | Comparing and Ordering Multi-Digit Numbers Compare multi-digit numbers using place value reasoning and record comparisons using the <, >, and = symbols.	4.2.C **Process TEKS:** 4.1.B, 4.1.D, 4.1.F, 4.1.G	1.E, 2.C, 2.D, 2.E, 2.F, 4.C, 4.D, 4.F
3.14	Skiing Adventure | Rounding Through the Hundred Thousands Place Round multi-digit numbers to the nearest multiple of 1,000, 10,000, and 100,000.	4.2.D **Process TEKS:** 4.1.C, 4.1.G	1.E, 2.B, 2.D, 2.E, 2.F
3.15	Estimating and Rounding | Rounding Multi-Digit Numbers Round multi-digit numbers to different place values.	4.2.D **Process TEKS:** 4.1.A, 4.1.C, 4.1.D, 4.1.F	1.B, 1.C, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.E, 3.H

Sub-unit 3: Adding and Subtracting Whole Numbers

3.16	Mess-timation | Estimating Sums of Multi-Digit Numbers Estimate multi-digit addition problems to check for reasonableness of answers.	4.2.D, 4.4.G **Process TEKS:** 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 4.D, 4.F
3.17	Adding It Up | Adding Multi-Digit Numbers Add multi-digit numbers using the standard algorithm.	4.4.A **Process TEKS:** 4.1.D, 4.1.G	1.E, 2.C, 2.D, 2.E, 2.F, 3.C, 3.D, 3.E, 3.F
3.18	What's the Difference? | Subtracting Multi-Digit Numbers Subtract multi-digit numbers with the standard algorithm.	4.4.A **Process TEKS:** 4.1.C, 4.1.D, 4.1.F	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.E
3.19	Putting It Together | Solving Addition and Subtraction Problems Solve multi-digit addition and subtraction problems in context.	4.4.A, 4.8.C **Process TEKS:** 4.1.A, 4.1.C, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.A, 3.D, 3.F, 3.G, 3.H

Sub-unit 4: Adding and Subtracting **Decimals**

3.20	Adding and Subtracting Money | Using Visual Models and Money to Add and Subtract Decimals Represent decimals to the hundredths place using money to solve problems involving money.	4.2.E, 4.8.C **Process TEKS:** 4.1.E, 4.1.F	1.E, 2.B, 2.E, 2.F, 3.C, 3.D, 3.E, 3.F
3.21	Adding Decimals | Using the Standard Algorithm to Add Decimals to the Hundredths Place Add decimals to the hundredths place using the standard algorithm.	4.4.A **Process TEKS:** 4.1.B, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 4.D, 4.F
3.22	Subtracting Decimals | Using the Standard Algorithm to Subtract Decimals to the Hundredths Place Subtract decimals to the hundredths place using the standard algorithm.	4.4.A, 4.8.C **Process TEKS:** 4.1.A, 4.1.C, 4.1.D, 4.1.F	1.E, 2.C, 2.D, 2.E, 2.F
3.23	Sums and Differences | Using the Standard Algorithm to Add and Subtract Decimals Add and subtract decimals to the hundredths place using the standard algorithm.	4.4.A **Process TEKS:** 4.1.B, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.D, 3.F, 4.D, 4.F

Unit 4: Mathematical Relationships and Financial Literacy

Lesson	Title	Concepts, Knowledge and Skills	TEKS	ELPS

Sub-unit 1: Algebraic Reasoning			
4.01	Explore: Relationships Through Measurement | How are the units in a measurement system related? Explore the relationship between informal units of measure.	Building Toward 4.5.B and 4.8.B **Process TEKS:** 4.1.A, 4.1.B, 4.1.C, 4.1.D, 4.1.E, 4.1.F	1.B, 1.E, 2.B, 2.D, 2.E, 2.F, 4.D, 4.F
4.02	Times as Many | Describing the Relationship Between Quantities Interpret and connect different representations of multiplicative comparison situations.	Building Toward 4.5.B **Process TEKS:** 4.1.D, 4.1.E, 4.1.F	1.E, 2.B, 2.C, 2.D, 2.E, 2.F
4.03	Going Swimming | Solving One-Step Multiplicative Comparison Problems Using Strip Diagrams Represent and solve multiplicative comparison problems with an unknown product.	4.4.B, 4.4.H **Process TEKS:** 4.1.A, 4.1.B, 4.1.E, 4.1.F	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F
4.04	Visualize and Solve | Using Strip Diagrams to Represent Multi-Step Problems With an Unknown Represent and solve multi-step problems using strip diagrams that include an unknown.	4.4.H, 4.5.A **Process TEKS:** 4.1.A, 4.1.D, 4.1.E	1.E, 2.C, 2.D, 2.E, 2.F, 3.D, 3.E, 3.F
4.05	Swim Club Equipment | Using Equations to Represent Multi-Step Problems With an Unknown Solve multi-step problems using equations with a letter standing for the unknown.	4.4.H, 4.5.A **Process TEKS:** 4.1.A, 4.1.D, 4.1.E	1.E, 2.B, 2.E, 2.F, 3.A, 3.C, 3.D, 3.E, 3.F, 3.G, 3.H
4.06	How Does It Grow? | Representing Patterns Using Numerical Expressions Generate number patterns to determine numerical values.	4.5.B **Process TEKS:** 4.1.C, 4.1.D, 4.1.G	1.E, 2.B, 2.C, 2.E, 2.F
4.07	Number Patterns | Representing Patterns Using Input-Output Tables Identify mathematical rules and represent mathematical relationships in tables.	4.5.B **Process TEKS:** 4.1.E, 4.1.F	1.B, 1.E, 2.B, 2.D, 2.E, 3.B, 3.F
Sub-unit 2: Converting Measurements			
4.08	How Long Is a Meter? | Determining the Relationship Between Meters and Centimeters Express a measurement in meters in terms of centimeters.	4.8.A, 4.8.B **Process TEKS:** 4.1.A, 4.1.C, 4.1.D, 4.1.F, 4.1.G	1.C, 1.E, 1.F, 2.B, 2.C, 2.D, 2.E, 2.F, 3.D, 3.F, 3.H, 4.D, 4.F
4.09	Metric Length Madness | Converting Measurements in Kilometers, Meters, Centimeters, and Millimeters	4.2.A, 4.8.A, 4.8.B, 4.8.C **Process TEKS:** 4.1.A, 4.1.F,	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.D, 3.F, 4.F

	Use place value understanding to convert length measurements within the metric system.	4.1.G	
4.10	Wind-Up Toys | Converting Measurements In Yards, Feet, and Inches Solve problems involving multiplicative comparison and unit conversion among yards, feet, and inches.	4.8.A, 4.8.B, 4.8.C **Process TEKS:** 4.1.E, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.C, 3.D, 3.E, 3.F
4.11	Liquid Measurements | Converting Measurements of Liquid Volume Use multiplication and division to convert liquid measurements within the metric and customary systems.	4.8.A, 4.8.B, 4.8.C **Process TEKS:** 4.1.A, 4.1.C, 4.1.F	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.C, 3.D, 3.E, 3.F
4.12	Mass Versus Weight | Converting Measurements of Mass and Weight Convert units of measurement of mass and weight within the metric and customary systems to solve problems.	4.8.A, 4.8.B, 4.8.C **Process TEKS:** 4.1.A, 4.1.F, 4.1.G	1.E, 2.B, 2.E, 2.F, 3.C, 3.D, 3.E, 3.F, 3.H
Sub-unit 3: Financial Literacy			
4.13	Keeping Your Money Safe | Identifying the Purpose of Financial Institutions Describe services provided by financial institutions.	4.8.C, 4.10.E **Process TEKS:** 4.1.A, 4.1.G	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.C, 3.D, 3.E, 3.F, 3.H, 4.C, 4.D, 4.F
4.14	Categorizing Expenses | Distinguishing Between Fixed and Variable Expenses Understand the types of expenses to manage finances.	4.10.A **Process TEKS:** 4.1.A, 4.1.E, 4.1.G	1.B, 1.E, 2.B, 2.E, 2.F, 3.C, 3.D, 3.E, 3.F, 3.H, 4.C, 4.D, 4.F
4.15	Making Money | Calculating Profit Use the four operations to calculate profit.	4.4.A, 4.8.C, 4.10.B **Process TEKS:** 4.1.A, 4.1.G	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.E, 3.F
4.16	Money Management | Allocating Allowance and Savings Options Compare various savings options to allocate money.	4.4.A, 4.10.C, 4.10.D **Process TEKS:** 4.1.A, 4.1.F, 4.1.G	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 4.D, 4.F
4.17	Data Discovery | Using a Stem-and-Leaf Plot to Represent and Interpret Data Represent and interpret data to solve one- and two-step problems involving whole numbers.	4.4.A, 4.9.A, 4.9.B **Process TEKS:** 4.1.A, 4.1.D, 4.1.E, 4.1.F, 4.1.G	1.B, 1.C, 1.E, 2.B, 2.C, 2.E, 2.F
4.18	Decoding Data | Using Whole Numbers and Decimals to Represent and Interpret Data Represent and interpret data to solve one-and two-step problems involving decimals.	4.9.A, 4.9.B **Process TEKS:** 4.1.A, 4.1.D, 4.1.F, 4.1.G	1.E, 2.C, 2.D, 2.E, 2.F, 3.E

Lesson	Title	Concepts, Knowledge and Skills	TEKS	ELPS
4.19	Time Matters | Using Data to Solve Problems About Time Use data from frequency tables to solve one and two-step problems involving intervals of time.		4.5.A, 4.8.C, 4.9.B **Process TEKS:** 4.1.A, 4.1.B, 4.1.D, 4.1.F	1.E, 2.C, 2.D, 2.E, 2.F, 3.A, 3.C, 3.E, 3.F, 3.G, 3.H

Unit 5: Multiplying and Dividing Multi-Digit Numbers

Lesson	Title	Concepts, Knowledge and Skills	TEKS	ELPS
Sub-unit 1: Multi-Digit Multiplication				
5.01	Explore: Packing Lei | How many total lei could Maile have packed? Determine possibilities for how lei could have been packed.	Building Toward 4.4.D **Process TEKS:** 4.1.A, 4.1.B, 4.1.D, 4.1.E	1.C, 1.E, 2.B, 2.D, 2.E, 2.F
5.02	Counting Flowers for Lei | Two-Digit by One-Digit Multiplication Multiply two-digit numbers by one-digit numbers using familiar strategies.	4.4.D, 4.4.H **Process TEKS:** 4.1.A, 4.1.C, 4.1.D, 4.1.E, 4.1.F	1.E, 2.B, 2.C, 2.D, 2.E, 2.F
5.03	A Lei Making Workshop | Representing Multiplication of Three-Digit or Four-Digit Numbers by One-Digit Numbers Multiply three- and four-digit numbers by one-digit numbers using area models.	4.4.D, 4.4.H **Process TEKS:** 4.1.A, 4.1.C, 4.1.E, 4.1.F, 4.1.G	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.A, 3.C, 3.F, 3.G, 3.H
5.04	A Reasonable Answer | Determining If a Product Is Reasonable Using Estimation Use estimation to assess products for reasonableness.	4.4.D, 4.4.G **Process TEKS:** 4.1.A, 4.1.E, 4.1.F, 4.1.G	1.C, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F
5.05	The Same Product, 3 Ways | Using the Standard Algorithm to Multiply a Three- or Four-Digit Number by a One-Digit Number Multiply multi-digit numbers using the standard algorithm.	4.4.D **Process TEKS:** 4.1.D, 4.1.E, 4.1.F, 4.1.G	1.E, 2.C, 2.D, 2.E, 2.F
5.06	Growing Flowers for the Lei | Representing Multiplication of 2 Two-Digit Numbers Use any strategy to multiply 2 two-digit numbers.	4.4.C, 4.4.D, 4.5.D **Process TEKS:** 4.1.A, 4.1.B, 4.1.D, 4.1.E, 4.1.G	1.E, 2.B, 2.D, 2.E, 2.F, 3.H, 4.D, 4.F
5.07	Decomposing and Partial Products | Using an Area Model to Decompose and Determine Partial Products Use area models to multiply 2 two-digit numbers.	4.4.C, 4.4.D **Process TEKS:** 4.1.E, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.E, 2.F
5.08	Comparing Strategies | Using the Standard Algorithm to Multiply 2 Two-Digit	4.4.D, 4.4.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F

	Numbers Multiply 2 two-digit numbers using the standard algorithm.	Process TEKS: 4.1.C, 4.1.E, 4.1.F, 4.1.G	
5.09	How Many Supplies? | Selecting the Most Efficient Strategy for Multiplying Multi-Digit Numbers Use strategies to solve problems involving two-, three-, and four-digit factors.	4.4.D, 4.4.H Process TEKS: 4.1.A, 4.1.C, 4.1.D, 4.1.E	1.E, 2.B, 2.C, 2.D, 2.E, 2.F
Sub-unit 2: Multi-Digit Division			
5.10	Lei for a Celebration | Representing Real-World Division Problems Divide two- and three-digit dividends by one-digit divisors.	4.4.E, 4.4.F, 4.5.A Process TEKS: 4.1.A, 4.1.C, 4.1.E, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.A, 3.F, 3.G, 3.H
5.11	Lei Shop Orders | Using Strategies to Divide Divide three- and four-digit dividends by one-digit divisors using any strategy.	4.4.E, 4.4.F, 4.4.H Process TEKS: 4.1.A, 4.1.C, 4.1.D, 4.1.E	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F
5.12	Divide, Decompose, Conquer! | Division With Area Models Solve area division problems about a dog park.	4.4.E, 4.4.F, 4.5.D Process TEKS: 4.1.E, 4.1.F, 4.1.G	1.B, 1.F, 2.B, 2.E, 3.C, 3.F
5.13	Different Ways to Record | Dividing With Partial Quotients Represent and record division problems using partial quotients.	4.4.E, 4.4.F Process TEKS: 4.1.C, 4.1.D, 4.1.E, 4.1.F	1.E, 2.B, 2.C, 2.D, 2.E, 2.F
5.14	Envision the Division | Introducing the Standard Algorithm for Division Use the standard algorithm to divide.	4.4.D, 4.4.E, 4.4.F Process TEKS: 4.1.C, 4.1.D, 4.1.E, 4.1.F	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.F
5.15	Boxes for Lei | Using Estimation and the Standard Algorithm for Division Estimate to determine reasonableness of quotients.	4.4.F, 4.4.G Process TEKS: 4.1.C, 4.1.F, 4.1.G	1.D, 1.E, 2.B, 2.C, 2D, 2.E, 2.F
Sub-unit 3: Remainders and Problem Solving			
5.16	Shipping Lei | Solving Division Problems With Remainders Solve division problems with and without remainders.	4.4.F, 4.4.H Process TEKS: 4.1.A, 4.1.B, 4.1.C, 4.1.G	1.B, 1.D, 1.E, 1.F, 2.B, 2.C, 2.D, 2.E, 2.F, 3.A, 3.E, 3.F, 3.G, 3.H
5.17	Leftover Players | Interpreting Remainders in Division Problems Interpret remainders using the context of division problems.	4.4.H Process TEKS: 4.1.A, 4.1.B, 4.1.C	1.E, 2.B, 2.C, 2.E, 2.F, 3.H, 3.A, 3.F, 3.G, 3.H

5.18	Field Trip Frenzy | Solving Division Problems With Remainders Use the context of a field trip to determine quotients.	4.4.F, 4.4.H **Process TEKS:** 4.1.B, 4.1.F	1.E, 2.B, 2.E, 2.F, 3.F
5.19	Shipping Supplies | Solving Two-Step Problems Involving Multiplication and Division Solve two-step problems involving multiple operations.	4.4.H, 4.8.C **Process TEKS:** 4.1.A, 4.1.B, 4.1.D, 4.1.F, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.F, 3.G
5.20	Formula Frenzy | Developing Formulas for Perimeter and Area Solve problems involving perimeter and area to develop formulas.	4.4.C, 4.5.C **Process TEKS:** 4.1.C, 4.1.D, 4.1.E, 4.1.G	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 3.E, 3.F, 3.G
5.21	Paw-some Dog Parks | Determining Perimeters With Missing Side Lengths Solve problems involving the perimeter and area at the dog park when one of the side lengths is missing.	4.5.D, 4.8.C **Process TEKS:** 4.1.E, 4.1.F	1.E, 1.F, 2.B, 2.C, 2.E, 2.F, 3.E
5.22	On the Edge | Problems About Perimeter and Area Solve real-world problems involving unit conversions.	4.4.H, 4.5.D, 4.8.B, 4.8.C **Process TEKS:** 4.1.C, 4.1.D, 4.1.E	1.D, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.A, 3.F, 3.G, 3.H

Unit 6: Angles and Properties of Shapes

Lesson	Title	Concepts, Knowledge and Skills	TEKS	ELPS
Sub-unit 1: Points, Lines, Line Segments, and Rays				
6.01	Explore: Draw It | Do you see what I see? Draw and describe geometric figures.		Building Toward 4.6.A **Process TEKS:** 4.1.A, 4.1.B,4.1.D, 4.1.E, 4.1.G	1.E, 2.B, 2.D, 2.E, 2.F, 3.C, 3.D, 3.E, 3.F, 3.H
6.02	Geometry Galore | Exploring Points, Lines, Line Segments, and Rays Identify and describe points, lines, line segments, and rays in geometric figures.		4.6.A **Process TEKS:** 4.1.D, 4.1.E, 4.1.G	1.A, 1.B, 1.C, 1.E, 2.B, 2.C, 2.D, 2.E
6.03	Two or More Lines | Intersecting, Perpendicular, and Parallel Lines Identify and describe parallel, perpendicular, and intersecting lines.		4.6.A **Process TEKS:** 4.1.D, 4.1.E, 4.1.F	1.A, 1.B, 1.C, 1.E, 2.B, 2.C, 2.D, 2.E, 3.E
6.04	Points and Lines Everywhere | Geometric Figures in the Real World Identify and draw different types of lines in figures and drawings.		4.6.A **Process TEKS:** 4.1.C, 4.1.D, 4.1.E, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.C

Sub-unit 2: Angles and Angle Measurement			
6.05	Angle Adventures | Comparing and Describing Angles Recognize angles as geometric figures formed by 2 rays sharing a common endpoint and sort a set of angles.	4.6.A **Process TEKS:** 4.1.C, 4.1.E, 4.1.G	1.A, 1.B, 2.B, 2.C, 2.D, 2.E, 3.B, 3.C, 4.A, 4.B
6.06	Angles in Motion | Using Rotation to Describe and Compare Angles Draw angles from written descriptions and compare the size of angles in terms of rotation or turns.	Building Toward 4.7.A **Process TEKS:** 4.1.C, 4.1.E, 4.1.F	1.B, 1.E, 2.B, 2.D, 2.E, 2.F, 3.E
6.07	The Spin on Angles | The Size of Degrees in Angles Use fractions and addition of adjacent angles to determine the size of larger angles in degrees.	4.7.A, 4.7.B, 4.7.E **Process TEKS:** 4.1.E, 4.1.F, 4.1.G	1.B, 1.E, 2.B, 2.C, 2.E, 3.E, 3.F
6.08	Angle Accuracy | Using a Protractor to Measure Angles Use a protractor to measure angles.	4.7.B, 4.7.C **Process TEKS:** 4.1.E, 4.1.F, 4.1.G	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 3.E, 3.F, 4.C, 4.D, 4.F
6.09	Types of Angles | Identifying Acute, Right, Obtuse, and Straight Angles Measure and identify angles as acute, right, obtuse, or straight.	4.6.A, 4.7.C **Process TEKS:** 4.1.E, 4.1.F, 4.1.G	1.A, 1.B, 1.C, 1.E, 2.B, 2.C, 2.D, 2.E, 3.C, 3.D, 3.E, 3.F
6.10	Art of Angles | Drawing Specific Types of Angles and Angles With Given Measures Draw angles with given measurements.	4.7.D **Process TEKS:** 4.1.C, 4.1.D, 4.1.E, 4.1.F	1.E, 2.C, 2.D, 2.E, 2.F
6.11	Treasure Tracker | Determining the Measure of Unknown Angles Determine the measure of unknown angles using known adjacent angle measurements.	4.7.E **Process TEKS:** 4.1.E, 4.1.F	1.C, 1.E, 2.B, 2.E, 2.F
Sub-unit 3: Attributes of Shapes			
6.12	Different Ways to Look at Figures | Classifying Two-Dimensional Figures Sort two-dimensional shapes into categories based on their attributes.	4.6.D **Process TEKS:** 4.1.E, 4.1.F, 4.1.G	1.E, 2.C, 2.D, 2.E, 2.F, 3.E
6.13	One Way to Look at Triangles | Classifying Triangles Based on Their Angles Identify, describe, and draw acute, right, and obtuse triangles.	4.6.C, 4.6.D **Process TEKS:** 4.1.E, 4.1.F	1.B, 1.E, 2.B, 2.C, 2.D, 2.E, 2.F, 3.E, 3.F, 3.G

6.14	Quadrilateral Quest | Looking at Quadrilateral Attributes Describe and classify quadrilaterals based on their sides, the size of their angles, and the presence of parallel sides.	4.6.D **Process TEKS:** 4.1.E, 4.1.G	1.E, 2.B, 2.E, 2.F, 3.F
6.15	Symmetry in Figures | Identifying Lines of Symmetry in Figures Identify, describe, and draw lines of symmetry for two-dimensional figures.	4.6.B **Process TEKS:** 4.1.E, 4.1.G	1.B, 1.E, 2.B, 2.C, 2.E, 3.E, 3.F
6.16	Symmetry Synergy | Completing Drawings to Create Symmetric Figures Identify lines of symmetry and complete drawings of line-symmetric figures.	Building Toward 4.6.B **Process TEKS:** 4.1.B, 4.1.E, 4.1.G	1.E, 2.B, 2.C, 2.D, 2.E, 2.F