

This lesson plan provides a structured yet flexible framework for a week of teaching all core subjects in the 4th grade, aligned with the Texas TEKS standards.

# Exploring Patterns and Systems

Week 1

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>MORNING WORK</b>  8:00 - 8:30 AM	★ Daily Language Review and Math Fluency Practice				
Language Arts Objectives:	Students will plan and begin drafting a personal narrative	Students will continue drafting their personal narratives	Students will draft the middle of their personal narratives.	Students will draft the ending of their personal narratives	Students will revise and edit their personal narratives.
TEKS Standards:	<b>4.11.A:</b> Develop drafts by categorizing ideas and organizing them into paragraphs <b>4.11.B:</b> Revise drafts for coherence and organization.	<b>4.11.A:</b> Develop drafts by categorizing ideas and organizing them into paragraphs <b>4.11.B:</b> Revise drafts for coherence and organization.	<b>4.11.A:</b> Develop drafts by categorizing ideas and organizing them into paragraphs <b>4.11.B:</b> Revise drafts for coherence and organization.	<b>4.11.A:</b> Develop drafts by categorizing ideas and organizing them into paragraphs <b>4.11.B:</b> Revise drafts for coherence and organization.	<b>4.11.C:</b> Edit drafts for grammar, punctuation, and spelling. <b>4.11.D:</b> Revise drafts to improve sentence structure and word choice,
<b>LANGUAGE ARTS</b>  8:30 - 9:45 AM	<b>Warm-Up:</b> Quick write about a memorable experience <b>Mini-lesson:</b> Elements of a narrative (setting, characters, plot) <b>Practice:</b> Brainstorming and graphic organizers for their narratives. <b>Closing:</b> Share brainstorming ideas with a partner	<b>Warm-Up:</b> Peer review of narrative plans <b>Mini-lesson:</b> Writing engaging beginnings <b>Practice:</b> Drafting the beginning of their narratives <b>Closing:</b> Share drafts in small groups	<b>Warm-Up:</b> Share narrative beginnings <b>Mini-lesson:</b> Developing the plot <b>Practice:</b> Drafting the middle of their narratives. <b>Closing:</b> Peer review and feedback	<b>Warm-Up:</b> Share narrative middles <b>Mini-lesson:</b> Writing effective endings <b>Practice:</b> Drafting the ending of their narratives <b>Closing:</b> Share drafts in small groups	<b>Warm-Up:</b> Review editing symbols <b>Mini-lesson:</b> Reising and editing strategies <b>Practice:</b> Peer editing and revising. <b>Closing:</b> Finalize drafts for publishing

Math Objectives:	Students will identify and use patterns in multiplication	Students will learn different strategies for division	Students will compare and order fractions	Students will add and subtract decimals	Students will solve word problems involving multiplication and division.
TEKS Standards:	<b>4.4.D:</b> Use strategies and algorithms to multiply a four-digit number by a one-digit number and to multiply two-digit numbers.	<b>4.4.H:</b> Solve with fluency one- and two-step problems involving multiplication and division, including interpreting remainders.	<b>4.3.G:</b> Represent fractions and decimals to the tenths or hundredths as distances from zero on a number line.	<b>4.4.A:</b> Add and subtract whole numbers and decimals to the hundredths place using the standard algorithm.	<b>4.4.H:</b> Solve with fluency one- and two step problems involving multiplication and division, including interpreting remainders.
<p style="text-align: center;"><b>MATH</b></p> <p>10:00 - 11:15 AM</p>	<p><b><u>Warm-up:</u></b> Multiplication flashcards</p> <p><b><u>Mini-lesson:</u></b> Introduction to multiplication patterns (E.g., multiples of 9)</p> <p><b><u>Practice:</u></b> Worksheet with multiplication pattern problems.</p> <p><b><u>Closing:</u></b> Multiplication Bingo game.</p>	<p><b><u>Warm-Up:</u></b> Quick division problems on the board</p> <p><b><u>Mini-lesson:</u></b> Teaching division strategies (e.g., repeated subtraction, equal groups)</p> <p><b><u>Practice:</u></b> Division worksheet with a variety of strategies.</p> <p><b><u>Closing:</u></b> Exit ticket with a division problem</p>	<p><b><u>Warm-Up:</u></b> Fraction review game</p> <p><b><u>Mini-lesson:</u></b> Teaching how to compare and order fractions</p> <p><b><u>Practice:</u></b> Fraction ordering worksheet</p> <p><b><u>Closing:</u></b> Exit ticket with a fraction comparison problem</p>	<p><b><u>Warm-Up:</u></b> Decimal place value review</p> <p><b><u>Mini-lesson:</u></b> Adding and subtracting decimals.</p> <p><b><u>Practice:</u></b> Decimal addition and subtraction worksheet.</p> <p><b><u>Closing:</u></b> Exit ticket with a decimal problem.</p>	<p><b><u>Warm-Up:</u></b> Word problem warm-up</p> <p><b><u>Mini-lesson:</u></b> Strategies for solving word problems</p> <p><b><u>Practice:</u></b> Word problem worksheet</p> <p><b><u>Closing:</u></b> Exit ticket with a word problem</p>
Science Objectives:	Students will understand the process of weathering and erosion.	Students will describe the stages of the water cycle.	Students will learn about different weather instruments	Students will learn about the layers of soil.	Students will understand the impact of natural resources on daily life.
TEKS Standards:	<b>4.7.B:</b> Identify and compare different landforms, including hills, valleys, and plains.	<b>4.8.B:</b> Describe and illustrate the continuous movement of water above and on the surface of earth through the water cycle.	<b>4.8.A:</b> Measure, record, and predict changes in weather.	<b>4.7.A:</b> Examine properties of soil, including color and texture, capacity to retain water, and ability to support the growth of plants.	<b>4.7.C:</b> Identify and classify Earth's renewable resources, including air, plants, water, and animals; and nonrenewable resources, including coal, oil, and natural gas.

<p><b>SCIENCE</b></p> <p>11:30 AM - 12:15 PM</p>	<p><b><u>Warm-up:</u></b> Discussion on observed changes in local landscapes</p> <p><b><u>Mini-lesson:</u></b> Explanation of weathering and erosion with visuals.</p> <p><b><u>Practice:</u></b> Hands-on activity with sugar cubes and water to simulate erosion.</p> <p><b><u>Closing:</u></b> Reflect in science journals.</p>	<p><b><u>Warm-Up:</u></b> Water cycle song</p> <p><b><u>Mini-lesson:</u></b> Explanation of the water cycle stages with a diagram.</p> <p><b><u>Practice:</u></b> Create water cycle posters.</p> <p><b><u>Closing:</u></b> Present posters to the class.</p>	<p><b><u>Warm-Up:</u></b> Discuss types of weather</p> <p><b><u>Mini-lesson:</u></b> Introduction to weather instruments (e.g., thermometer, barometer)</p> <p><b><u>Practice:</u></b> Create and use simple weather instruments.</p> <p><b><u>Closing:</u></b> Record observations in science journals.</p>	<p><b><u>Warm-Up:</u></b> Soil observation</p> <p><b><u>Mini-lesson:</u></b> Explanation of soil layers with visuals</p> <p><b><u>Practice:</u></b> Create soil layer diagrams</p> <p><b><u>Closing:</u></b> Reflect in science journals</p>	<p><b><u>Warm-Up:</u></b> Discussion on resource use</p> <p><b><u>Mini-lesson:</u></b> Explanation of renewable and nonrenewable resources</p> <p><b><u>Practice:</u></b> Classify resources activity</p> <p><b><u>Closing:</u></b> Reflect in science journals</p>
Social Studies Objectives:	Students will identify the three branches of government and their functions.	Students will understand the system of checks and balances	Students will understand the importance of the Constitution.	Students will understand the Bill of Rights and its significance	Students will review key concepts from the week.
TEKS Standards:	<b>4.15.A:</b> Identify and explain the basic functions of the three branches of government.	<b>4.15.B:</b> Explain how the three branches of government function together.	<b>4.15.C:</b> Identify the importance of the Constitution.	<b>4.15.D:</b> Identify and explain the significance of the Bill of Rights.	<b>Review of all standards covered in the week.</b>
<p><b>SOCIAL STUDIES</b></p> <p>1:00 - 2:00 PM</p>	<p><b><u>Warm-up:</u></b> KWL chart about government branches</p> <p><b><u>Mini-lesson:</u></b> Overview of the three branches using a video</p> <p><b><u>Practice:</u></b> Group activity creating posters about each branch.</p> <p><b><u>Closing:</u></b> Gallery walk to view and discuss posters.</p>	<p><b><u>Warm-Up:</u></b> Review branches of government</p> <p><b><u>Mini-lesson:</u></b> Explanation of checks and balances</p> <p><b><u>Practice:</u></b> Role-play activity demonstrating checks and balances.</p> <p><b><u>Closing:</u></b> Reflection in social studies journals.</p>	<p><b><u>Warm-Up:</u></b> Discussion on the significance of rules and laws.</p> <p><b><u>Mini-lesson:</u></b> Overview of the Constitution with a video</p> <p><b><u>Practice:</u></b> Create a class constitution.</p> <p><b><u>Closing:</u></b> Class discussion on the process and importance</p>	<p><b><u>Warm-Up:</u></b> Discussion on individual rights</p> <p><b><u>Mini-lesson:</u></b> Overview of the Bill of Rights with examples</p> <p><b><u>Practice:</u></b> Create a Bill of Rights booklet</p> <p><b><u>Closing:</u></b> Present booklets to the class</p>	<p><b><u>Warm-Up:</u></b> Review game</p> <p><b><u>Activity:</u></b> Group project to create a week-in-review poster</p> <p><b><u>Closing:</u></b> Class discussion and reflect</p>

This lesson plan provides a structured framework for another week of teaching all core subjects in the 4th grade, aligned with the Texas TEKS standards.

## Exploring Numbers and Nature

Week 2

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<b>MORNING WORK</b> 8:00 - 8:30 AM	★ Daily Language Review and Math Fluency Practice				
Language Arts Objectives:	Students will understand how to identify and use context clues to determine the meaning of unfamiliar words	Students will identify the main idea and supporting details in a text	Students will compare and contrast characters, settings, and events in a story.	Students will identify the theme of a story and provide evidence to support their answers	Students will publish their revised personal narratives.
TEKS Standards:	<b>4.3.B:</b> Use context within and beyond a sentence to determine the relevant meaning of unfamiliar words or multiple-meaning words.	<b>4.10.A:</b> Determine the main idea and supporting details in texts	<b>4.8.B:</b> Explain the interactions of characters and the changes they undergo.	<b>4.10.C:</b> Describe the theme or moral lesson of a work of fiction	<b>4.11.D:</b> Revise drafts to improve sentence structure and word choice. . <b>4.11.E:</b> Publish written work for appropriate audiences.
<b>LANGUAGE ARTS</b> 8:30 - 9:45 AM	<b>Warm-Up:</b> Vocabulary matching game <b>Mini-lesson:</b> Introduction to context clues with examples <b>Practice:</b> Context clues worksheet. <b>Closing:</b> Share new words and their meanings in pairs	<b>Warm-Up:</b> Main idea matching activity <b>Mini-lesson:</b> How to find the main idea and supporting details <b>Practice:</b> Main idea and supporting details worksheet <b>Closing:</b> Share Findings with a partner	<b>Warm-Up:</b> Character traits activity <b>Mini-lesson:</b> How to compare and contrast story elements <b>Practice:</b> Venn diagram activity with a story. <b>Closing:</b> Share Venn diagrams with a partner	<b>Warm-Up:</b> Theme identification activity <b>Mini-lesson:</b> How to identify and support the theme <b>Practice:</b> Theme worksheet with a short story. <b>Closing:</b> Share themes and evidence in pairs.	<b>Warm-Up:</b> Review publishing steps <b>Mini-lesson:</b> Finalizing and publishing drafts. <b>Practice:</b> Typing and illustrating personal narratives. <b>Closing:</b> Author's chair to share published work.

Math Objectives:	Students will learn to solve addition and subtraction problems with whole numbers and decimals	Students will learn to multiply two-digit numbers using different strategies.	Students will learn to divide whole numbers using different strategies.	Students will learn to solve word problems involving fractions.	Students will review and consolidate their understanding of multiplication and division.
TEKS Standards:	<b>4.4.A:</b> Add and subtract whole numbers and decimals to the hundredths place using the standard algorithm.	<b>4.4.D:</b> Use strategies and algorithms to multiply a four-digit number by a one-digit number and to multiply two two-digit numbers..	<b>4.4.H:</b> Solve with fluency one- and two- step problems involving multiplication and division, including interpreting remainders.	<b>4.4.H:</b> Solve with fluency one- and two step problems involving multiplication and division, including interpreting remainders.	<b>Review of all multiplication and division standards covered.</b>
<p><b>MATH</b></p> <p>10:00 - 11:15 AM</p>	<p><b><u>Warm-up:</u></b> Mental math practice</p> <p><b><u>Mini-lesson:</u></b> Addition and subtraction strategies</p> <p><b><u>Practice:</u></b> Worksheet with addition and subtraction problems</p> <p><b><u>Closing:</u></b> Math facts Bingo game.</p>	<p><b><u>Warm-Up:</u></b> Multiplication flash cards</p> <p><b><u>Mini-lesson:</u></b> Multiplication strategies (e.g., area model, partial products)</p> <p><b><u>Practice:</u></b> Multiplication problems worksheet.</p> <p><b><u>Closing:</u></b> Multiplication game</p>	<p><b><u>Warm-Up:</u></b> Division flashcards</p> <p><b><u>Mini-lesson:</u></b> Division strategies (e.g., long division, repeated subtraction)</p> <p><b><u>Practice:</u></b> Division problems worksheet</p> <p><b><u>Closing:</u></b> Division game</p>	<p><b><u>Warm-Up:</u></b> Fraction review game</p> <p><b><u>Mini-lesson:</u></b> Strategies for solving fraction word problems..</p> <p><b><u>Practice:</u></b> Fraction word problems worksheet.</p> <p><b><u>Closing:</u></b> Exit ticket with a fraction problem.</p>	<p><b><u>Warm-Up:</u></b> Math review game</p> <p><b><u>Activity:</u></b> Multiplication and division review stations</p> <p><b><u>Closing:</u></b> Class discussion on strategies and learnings</p>
Science Objectives:	Students will understand the different types of energy and their uses.	Students will understand the phases of the moon and their characteristics.	Students will understand the different forms of renewable and nonrenewable resources	Students will understand the concept of ecosystems and the relationships within them.	Students will review key science concepts from the week.
TEKS Standards:	<b>4.6.A:</b> Differentiate among forms of energy, including mechanical, sound, electrical, light, and heat/thermal	<b>4.8.C:</b> Identify the physical characteristics of the Moon and its phases.	<b>4.7.C:</b> Identify and classify Earth's renewable resources, including air, plants, water, and animals; and nonrenewable resources, including coal, oil, and natural gas.	<b>4.9.A:</b> Investigate and describe the relationships between producers, consumers, and decomposers in a food chain and food web.	<b>Review of all science standards covered in the week</b>

<p><b>SCIENCE</b></p> <p>11:30 AM - 12:15 PM</p>	<p><b>Warm-up:</b> Discussion examples of energy in everyday life</p> <p><b>Mini-lesson:</b> Explanation of types of energy with visuals.</p> <p><b>Practice:</b> Energy scavenger hunt around the classroom</p> <p><b>Closing:</b> Reflect in science journals.</p>	<p><b>Warm-Up:</b> Discussion on moon observations</p> <p><b>Mini-lesson:</b> Explanation of moon phases with a diagram.</p> <p><b>Practice:</b> Create moon phase flipbooks.</p> <p><b>Closing:</b> Reflect in science journals.</p>	<p><b>Warm-Up:</b> Discussion on resource use</p> <p><b>Mini-lesson:</b> Explanation of renewable and nonrenewable resources</p> <p><b>Practice:</b> Classify resources activity</p> <p><b>Closing:</b> Reflect in science journals</p>	<p><b>Warm-Up:</b> Discussion on ecosystems</p> <p><b>Mini-lesson:</b> Explanation of ecosystems and food chains.</p> <p><b>Practice:</b> Create food chain diagrams</p> <p><b>Closing:</b> Reflect in science journals</p>	<p><b>Warm-Up:</b> Science review game</p> <p><b>Activity:</b> Group project to create a week-in-review poster</p> <p><b>Closing:</b> Reflect in science journals</p>
Social Studies Objectives:	Students will learn the importance and impact of various cultural celebrations.	Students will understand and learn about the causes and effects of the Texas Revolution.	Students will understand the significance of the Battle of the Alamo..	Students will learn about the Treaty of Velasco and its effects.	Students will review key social studies concepts from the week.
TEKS Standards:	<b>4.16.A:</b> Explain the significance of various ethnic and/or cultural celebrations in the local community and other communities.	<b>4.3.A:</b> Analyze the causes, major events, and effects of the Texas Revolution.	<b>4.3.B:</b> Analyze the impact of the Battle of the Alamo.	<b>4.3.C:</b> Identify the impact of the Treaty of Velasco.	<b>Review of all social studies standards covered in the week.</b>
<p><b>SOCIAL STUDIES</b></p> <p>1:00 - 2:00 PM</p>	<p><b>Warm-up:</b> Share personal experiences with cultural celebrations</p> <p><b>Mini-lesson:</b> Overview of different cultural celebrations</p> <p><b>Practice:</b> Group project to research and present a cultural celebration.</p> <p><b>Closing:</b> Gallery walk to view presentations.</p>	<p><b>Warm-Up:</b> KWL chart about the Texas Revolution</p> <p><b>Mini-lesson:</b> Overview of the Texas Revolution</p> <p><b>Practice:</b> Timeline activity of major events.</p> <p><b>Closing:</b> Reflection in social studies journals.</p>	<p><b>Warm-Up:</b> Discussion on famous battles.</p> <p><b>Mini-lesson:</b> Overview of the Battle of the Alamo</p> <p><b>Practice:</b> Create a storyboard of the battle.</p> <p><b>Closing:</b> Share storyboards with the class.</p>	<p><b>Warm-Up:</b> KWL chart about the Treaty of Velasco</p> <p><b>Mini-lesson:</b> Overview of the Treaty of Velasco</p> <p><b>Practice:</b> Write a summary of the treaty and its effects</p> <p><b>Closing:</b> Share summaries with the class</p>	<p><b>Warm-Up:</b> Social studies review game</p> <p><b>Activity:</b> Group project to create a week-in-review poster</p> <p><b>Closing:</b> Class discussion and reflect</p>

