

SPRING BRANCH ISD

**DIGITAL
BACKPACK**

GRADE 4

Grade 4 eLearning Guide – Week 7

Math: Mixed Operations Review

- Students will solve one- and two-step problems involving the four operations.

Science: Investigating Forces

- Students will design a descriptive investigation to explore the effect of a force such as a push or a pull, gravity, friction, or magnetism on an object.

Language Arts: Narrative in Reading and Writing (Fairy Tale Focus)

- Students will read daily and set goals using the Learning Progressions as readers build towards a deeper understanding of character in literature.
- Students will write narrative stories, focusing on fairy tale structure.
- Students will sort words with common spelling patterns.

Lectoescritura: Lectura y Escritura narrativa (Enfoque cuentos de hadas)

- Estudiantes leerán diariamente y establecerán metas usando *La Progresión de aprendizaje de lectura narrativa* para formar una comprensión más profunda de los personajes en la literatura.
- Estudiantes escribirán cuentos narrativos, enfocando en la estructura de los cuentos de hadas.
- Estudiantes estudiarán patrones de ortografía comunes mediante juegos y clasificaciones.

Social Studies: Oil in Texas

- Students will identify the impact of various issues and events on life and the free enterprise system in Texas (discovery of oil and gas).
- Students will explain how oil and gas discovery led to population growth in certain areas of the state.
- Students will identify famous scientists and their contributions (Patillo Higgins).

Grade 4 eLearning Guide - MATH

Objectives

- Students will solve one- and two-step problems involving the four operations.

Note: Beginning the week of April 14 and in alignment with our Adjusted Grading Guidelines, teachers in grades PK-5 will be monitoring progress of students in a variety of ways.

For Parents

Read the directions with your child and support them as needed.

- **Activity 1:** Shopping Trip ([answer key](#))
- **Activity 2:** Multiplication Practice ([answer key](#))
- **Activity 3:** Division Sort ([answer key](#))
- **Activity 4:** Division Practice ([answer key](#))
- **Activity 5:** Mixed Practice ([answer key](#))
- Just for Fun! ([answer key](#))
- Math Facts Practice ([answer key](#))

For Students

Multiplication

- **Activity 1:** Complete [Shopping Trip](#).
- **Activity 2:** Complete [Multiplication Practice](#).

Division

- **Activity 3:** Complete the [Division Sort](#).
- **Activity 4:** Complete [Division Practice](#).

Mixed Practice

- **Activity 5:** Complete [Mixed Practice](#).

Resources

- If you can access your campus math adaptive software, please do!
- Watch the BRAINPop video [Dividing with Remainders](#).
- [Just for Fun!](#)
- [Math Facts Practice](#)

Grade 4 eLearning Guide – SCIENCE

Objectives

- Students will review the effect of a force on an object through literacy.
- Students will extend their knowledge of the effect of a force on an object through literacy.
- Students will demonstrate their understanding of the effect of a force on an object.

Note: Beginning the week of April 14 and in alignment with our Adjusted Grading Guidelines, teachers in grades PK-5 will be monitoring progress of students in a variety of ways.

For Parents

- Have your child read the "STEMscopedia," and complete the, "Progress Monitoring Assessment."
- Have your child read the "Reading Science," article and complete the multiple-choice questions at the end of the article.
- Have your child complete the "Writing Science," activity.

For Students

- Read the, "STEMscopedia," and complete the "Progress Monitoring Assessment."
 - Reading:
 - [English STEMscopedia](#)
 - [Spanish STEMscopedia](#)
- After reading, respond to the, "Try Now," (page 6) section (**in the STEMscopedia**).
 - Student work:
 - [English Progress Monitoring Assessment](#)
 - [Spanish Progress Monitoring Assessment](#)
- Read the, "Reading Science," article.
 - [English Reading Science](#)
 - [Spanish Reading Science](#)
 - Respond to the multiple-choice questions at the end of the article.
- Complete the, "Writing Science," activity.
 - [English Writing Science](#)
 - [Spanish Writing Science](#)

Resources

- [English Vocabulary](#)
- [Spanish Vocabulary](#)
- [English Math Connection](#)
- [Spanish Math Connection](#)
- [English Science Art](#)
- [Spanish Science Art](#)
- [English Project-Based Learning](#)
- [Spanish Project-Based Learning](#)

Grade 4 eLearning Guide - LANGUAGE ARTS

Objectives

- Students will read daily and set goals using the Learning Progressions as readers build towards a deeper understanding of character in literature.
- Students will write narrative stories, focusing on fairy tale structure.
- Students will sort words with common spelling patterns.

Note: Beginning the week of April 14, and in alignment with our Adjusted Grading Guidelines, teachers in grades PK-5 will be monitoring progress of students in a variety of ways.

For Parents

- Have students read daily and continue with their reading log. It is important to keep them reading daily in books that interest them.
- Encourage students to listen to the minilessons for both reading and writing. They can complete the reading activities on any story they have read.
- Have students continue to journal throughout the week.
- Have students complete the weekly word study activities.

For Students

- Read daily for 30 or more minutes. Log your reading. Continue to jot ideas/theories as you read.
- Listen to the PowerPoint/Read the slides for the two reading lessons this week.
- Complete the reading activity for this week, and then use the Learning Progression to set a reading goal. Use this as you read over the next week.
- Use the PowerPoint to guide your story writing this week. Follow the lessons for writing and continue to journal each day. Remember that journal writing can be anything, including stories, sketches, lists, letters to people, and ideas for future stories.
- Use the Daily Word Study activities to build vocabulary and word study understanding.

Resources

- Reading: [Lessons](#), [Slides](#) (includes anchor chart and learning progressions), [Reader's Theater](#)
- Writing: [Lessons](#), [Slides](#) (includes charts and progressions)
- Word Study: [Word List](#), [Word Sort Activities](#)



Grade 4 - LECTOESCRITURA

Objetivos

- Estudiantes leerán diariamente y establecerán metas usando La Progresión de aprendizaje de lectura narrativa para formar una comprensión más profunda de los personajes en la literatura.
- Estudiantes escribirán cuentos narrativos, enfocando en la estructura de los cuentos de hadas.
- Estudiantes estudiarán patrones de ortografía comunes mediante juegos y clasificaciones.

Nota: A partir de la semana del 14 de abril, y de acuerdo con nuestros Ajustes de Criterio de Calificación, los maestros en los grados PK-5 van a monitorear el progreso de los estudiantes de varias maneras.

Para los padres

- Asegure que los niños lean a diario y sigan con el registro de lectura. Es importante que sigan leyendo libros que les interesan.
- Anime al estudiante a escuchar las lecciones de lectura y escritura. Puede terminar la actividad de lectura usando cualquier texto que hayan leído.
- Anime al estudiante a terminar la lección de escritura y seguir llevando su diaria durante la semana.
- Estudio de Palabras: [Prefijos: inter-, sub-, sobre-](#).

Para estudiantes

- Lee diariamente por 30 minutos o más. Anota en tu registro de lectura. Continúa a apuntar tus ideas/teorías mientras lees.
- Escucha al PowerPoint/Lee las notas de las dos lecciones de lectura de esta semana.
- Termina la actividad de lectura para esta semana. Después, usa *La Progresión de aprendizaje de lectura narrativa* para establecer una meta de lectura. Usa esto mientras lees durante la semana.
- Usa el PowerPoint como guía mientras escribes tu cuento esta semana. Sigue las lecciones de escritura y continúa llevando tu diaria cada día. Acuérdate que puedes incluir cuentos, listas, cartas a personas e ideas para cuentos.
- Estudio de Palabras: [Prefijos: inter-, sub-, sobre-](#).

Recursos

- Herramientas para la Lectura: [Diapositivas con lecciones](#), [Teatro del lector](#)
- Herramientas para la Escritura: [Diapositivas con lecciones](#)

Grade 4 eLearning Guide – SOCIAL STUDIES

Objectives

- Students will identify the impact of various issues and events on life and the free enterprise system in Texas (discovery of oil and gas).
- Students will explain how oil and gas discovery led to population growth in certain areas of the state.
- Students will identify famous scientists and their contributions (Patillo Higgins).

Note: Beginning the week of April 14 and in alignment with our Adjusted Grading Guidelines, teachers in grades PK-5 will be monitoring progress of students in a variety of ways.

For Parents

- Have your child read the article (from **Studies Weekly** Week 27: *Texas Oil*) for each day found here in [English](#) or [Spanish](#). Ask questions about the article.
- Have your child answer the written questions below in their notebook.

For Students

Day 1: Read [Oil 'Blows' Texas into the 20th Century](#)

- Drilling for oil was risky and sometimes dangerous work. Find text-based evidence to support that statement, and explain how that evidence shows the danger in drilling for oil. Write your thinking in your notebook.
- "Sometimes the oil drilling made the ground underneath the men cave in." Write your thinking in your notebook to explain why the ground might cave in when the men were drilling for oil.

Day 2: Read [The Texas Black Gold Rush](#)

- Record your answers in your notebook.
 - Select facts to show that Patillo Higgins was the type of person who doesn't easily give up.
 - What fact or facts from the reading show why oil is an important resource?

Day 3: Read [Captain Anthony F. Lucas: Oil Pioneer](#) and [Patillo Higgins: A Man With a Dream](#)

- Patillo Higgins is described as a man with a dream. Think about the dreams he might have shared with his friends when he was a child. What is a dream you have for your future? In your notebook, write about your dream including goals and plans that could help you reach that goal.

Day 4: Read [Oil and Gas--A Global Industry](#) and [Supply and Demand](#)

- Record your answers in your notebook.
 - What is a refinery?
 - How does the oil industry affect Texas' economy?
 - What does supply mean?
 - What could be the result if the demand for a certain item went up?

Day 5: Complete the crossword puzzle on the last page of the reading material and then check your understanding. ([English](#) and [Spanish](#))

Resources

- No additional resources needed.