

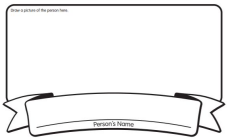




# Fourth Grade Home Learning Activity Guide

## Week 3

Reading and Writing Activities  
(Suggested: 45 minutes of off-line activities)

Activity 1	
<p><b>English Language Arts</b></p> <p>Create a heart map with things you love and/or care about. Then, pick one of the topics and write a note, letter or poem about the topic.</p> 	<p><b>Bilingual Language Arts</b></p> <p>Crea un mapa de las cosas que amas o te gusta en forma de corazón. Luego, escoge uno de los temas y escribe una nota, carta o poema sobre el tema.</p> 
Activity 2	
<p><b>English Language Arts</b></p> <p>Do a nonfiction scavenger hunt! Where does nonfiction exist in your home? The back of a cereal box, a magazine, directions for a toy, a shampoo bottle... where else can you find nonfiction?</p>	<p><b>Bilingual Language Arts</b></p> <p>¡Haz una búsqueda de no ficción! ¿En dónde existe no ficción en tu casa? La parte de atrás de una caja de cereal, una revista, instrucciones para un juguete, una botella de champú... ¿En dónde más puedes encontrar no ficción?</p>
Activity 3	

<p><b>English Language Arts</b></p>	<p><b>Bilingual Language Arts</b></p>
<p>Create a profile for a famous person. This person can be a historical figure or someone of current interest.</p> <p style="text-align: center;"><b>Famous Person Profile</b></p> <div style="text-align: center;">  </div> <p>Where and when was this person born? _____</p> <p>Where did this person grow up? _____</p> <p>This person is famous for: _____</p> <p>Some interesting facts about this person include: _____</p> <p>I was surprised to find out that this person: _____</p>	<p>Crea un perfil de una persona famosa. Puede ser una figura pública o histórica.</p> <p style="text-align: center;"><b>Perfil de una persona famosa</b></p> <p>Dibuja a la persona. Escribe...</p> <ul style="list-style-type: none"> <li>• dónde y cuando nació la persona</li> <li>• dónde creció</li> <li>• porque es famosa</li> <li>• algún hecho importante que hizo la persona</li> <li>• un hecho sorprendente que descubriste de la persona</li> </ul>
<p><b>Activity 4</b></p>	
<p><b>English Language Arts</b></p>	<p><b>Bilingual Language Arts</b></p>
<p>Observe the following drawing of a ballerina's feet. What is the author trying to convey through this image? Write down your answer.</p> <div style="text-align: center;">  </div>	<p>Observa el dibujo de los pies de la bailarina de balet. ¿Qué trata de expresar el autor en esta imagen? Escribe tu respuesta.</p> <div style="text-align: center;">  </div>
<p><b>Activity 5</b></p>	
<p><b>English Language Arts</b></p>	<p><b>Bilingual Language Arts</b></p>

Read a nonfiction book. Today, ask yourself, *how can I best take notes to support my nonfiction reading?* You might try using different shapes or organizers you've learned in class. Boxes and bullets, Trace your hand, T-Chart, Venn Diagram... What else could you try?

Use the anchor chart to support yourself in note-taking.

**CHART** Researchers Take Notes that Follow the Structure of Their Texts

**BOXES AND BULLETS**

Main Idea or Subtopic

- Supporting detail
- Supporting detail
- Add more bullet points if your text includes them

**SEQUENTIAL**

Main Idea or Subtopic

- First thing that happens
- Second thing that happens
- Add more steps if your text includes them

**COMPARE AND CONTRAST**

Similarities between two things

- First similarity
- Second similarity
- Add more similarities if your text includes them

Differences between two things

- First difference
- Second difference
- Add more differences if your text includes them

**CAUSE AND EFFECT**

An action that happens first, the reason something else happens → What happens as a result, the consequence of the first action

Detail about the action, add more details if your text includes them → One result of the action, add more results of the action if your text includes them

**PROBLEM AND SOLUTION**

A problem → A solution to the problem

- Detail about the problem
- Detail about the problem
- Add more details if your text includes them

- Detail about the solution
- Detail about the solution
- Add more details if your text includes them

Lee un libro de no ficción. Pregúntate *¿de qué forma puedo tomar mejores notes para apoyar lo que estoy leyendo en no ficción?* Puedes usar diferentes organizadores que has utilizado en clase. Cajas y viñetas, trazar tu mano, una tabla de T, un diagrama de ven... ¿qué mas puedes tratar?

Usa la gráfica de apoyo para apoyarte en tomar notas.

**Los Investigadores toman apuntes que siguen la estructura de sus textos**

**CAJAS Y VIÑETAS**

Idea central o subtema

- Detalle de apoyo
- Detalle de apoyo
- Agrega más viñetas si tu texto lo incluye

**SECUENCIA**

Idea central o subtema

- Lo que pasó primero
- Lo que pasó después
- Agrega más pasos si tu texto lo incluye

**COMPARAR**

Las similitudes entre dos cosas

- Primera similitud
- Segunda similitud
- Agrega más cosas similares si tu texto lo incluye

**CONTRASTAR**

Las diferencias entre dos cosas

- Primera diferencia
- Segunda diferencia
- Agrega más diferencias si tu texto lo incluye

**CAUSA Y EFECTO**

Una acción que ocurre primero, y la razón por la cual otra cosa ocurre

Un detalle sobre la acción; agrega más detalles si tu texto lo incluye

Lo que ocurre como resultado, la consecuencia de la primera acción

Un resultado de la acción; agrega más resultados de la acción si tu texto lo incluye

**PROBLEMA Y SOLUCIÓN**


El problema

- Un detalle del problema
- Un detalle del problema
- Agrega más detalles si tu texto lo incluye



La solución al problema

- Un detalle de la solución
- Un detalle de la solución
- Agrega más detalles si tu texto lo incluye

**Math Activities**  
(Suggested: 45 minutes of off-line activities)

Activity 1	Activity 2
<p>Tara sliced a cake into 8 equal slices. Tara ate <math>\frac{1}{8}</math> of a cake and Mario ate <math>\frac{2}{8}</math> of the same cake. What fraction of the cake is left?</p> <div style="text-align: center;">  </div>	<p>The area of a rectangular table is 24 square feet. The table is 3 feet wide. What is the perimeter of the table?</p>
Activity 3	Activity 4
<p>Paul said that 25,364,035 is less than 6,741,379 because 2 is less than 6. Describe Paul's error and write a comparison sentence showing the correct answer.</p>	<p>Explain to someone how you would mentally (without paper) multiply <math>6 \times 125</math>.</p> <p>How would you multiply <math>10 \times 240</math>?</p>
Activity 5	
<p>On Thursday, 970 people went to the movie theater. On Saturday, 540 more people went to the movie theater than did on Thursday.</p> <ul style="list-style-type: none"> <li>• Use a strip diagram to find out how many people went to the movie theater on both days.</li> <li>• Use a strip diagram to find how many people went to the movie theater on Saturday.</li> </ul>	

**Science Activities**  
(Suggested: 25 minutes of off-line activities)

Activity 1	Activity 2
<p><b>Moon Journal</b></p> <p>Observe the sky every night. Illustrate and describe the following:</p> <ul style="list-style-type: none"> <li>• Moon</li> </ul> <p><b>Every night:</b> Predict the appearance of the Moon tomorrow night.</p> <p><b>Friday:</b> Discuss the appearance of the Moon you observed every night. Do you see any changes in the Moon?</p>	<p><b>Weather Journal</b></p> <p>Observe the weather every day. Record the following:</p> <ul style="list-style-type: none"> <li>• Temperature</li> <li>• Wind conditions</li> <li>• Precipitation</li> <li>• Cloud coverage</li> </ul>  <p><b>Everyday:</b> Predict the weather for tomorrow.</p>
Activity 3	Activity 4
<p style="text-align: center;"><b>Scavenger Hunt</b></p> <p>Look around in or around your home.</p> <ul style="list-style-type: none"> <li>• Can you find different forms of energy? <ul style="list-style-type: none"> <li>○ Mechanical, light, sound, and thermal</li> </ul> </li> <li>• Write down the ones you see and label them with the name of the form of energy.</li> <li>• Choose one of your mechanical energy examples.</li> <li>• Illustrate the mechanical energy example and describe how mechanical energy is being used in everyday life.</li> </ul> <p><b>Discussion:</b> Explain how mechanical energy is used in everyday life.</p>	<p style="text-align: center;"><b>Inventor's Challenge</b></p> <p>Mouse Trap Game Creator</p>  <p>Put your inventor hat on! Follow these steps of the engineering-design process to design a new mouse trap game:</p> <ul style="list-style-type: none"> <li>• <b>THINK:</b> What do I know about force and motion? How can the position of an object be changed?</li> <li>• <b>ASK:</b> What do I want my mouse trap game to do? Research on the internet or books to find more out about mechanical energy and simple machines.</li> <li>• <b>IMAGINE:</b> Brainstorm possible game designs.</li> </ul>

- **PLAN:** Draw diagrams, or make small models of your design.
- **CREATE:** Come up with several ideas, but pick the one you think is best. Create your Mouse Trap Game.
- **IMPROVE:** Repeat the previous steps as necessary to improve your design.

### Activity 5

#### STEM Challenge #3



Collect 10 plastic cups.  
Have someone be the time keeper if you want.

Begin with cups stacked together.  
At start, unstack cups and build the structure as fast as you can.  
Count each set of cups as you build the structure.  
2, 4, 6, 8, 10



Discuss how you used force to build the structure. (push, pull) How can gravity affect the stack of cups?  
**Extension:** Add more cups and count to a higher number. (+2 or +4 or +6 or +8 or +10)

**Social Studies Activities**  
(Suggested: 25 minutes of off-line activities)

Activity 1	Activity 2																				
<p><b>Texas Symbols</b></p> <p>Write and perform a song or rap explaining the meaning of the identified words in the Pledge to the Texas Flag.</p> <p>“<i>Honor</i> the Texas flag; I <i>pledge allegiance</i> to thee, Texas, one state under God, one and <i>indivisible</i>.”</p> 	<p><b>Empresario: Stephen F. Austin</b></p> <p>Write a paragraph about 2 accomplishments of Stephen F. Austin on the settlement of Texas.</p> 																				
Activity 3	Activity 4																				
<p><b>American Indians</b></p> <p>Create a newspaper article explaining the possible origins of American Indian groups in Texas.</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <p style="text-align: center; font-size: 1.2em;">The Daily News</p> <p style="font-size: 0.8em;">Title of Article</p> <p style="font-size: 0.8em;">By: _____</p> </div> <div style="margin-left: 20px;"> <p><b>EXTRA!</b></p> <p><b>EXTRA!</b></p> <p><b>READ ALL ABOUT IT!</b></p> </div> </div> <div style="border: 1px solid black; width: 100px; height: 60px; margin: 5px 0;"> <p style="font-size: 0.8em; text-align: center;">Picture</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> </div>	<p><b>Acrostic Poem</b></p> <p>Write an acrostic poem using the word “<i>Patriotic</i>”.</p> <p style="color: green; font-weight: bold;">Acrostic Poem</p> <p style="color: green; font-weight: bold;">What it is.</p> <p>Students choose a person, event, concept or era. Each letter of the topic chosen is written down the page vertically. Students then write a word, phrase or sentence that describes the chosen topic that begins each of the listed letters.</p> <p>Example:</p> <table style="margin-left: 20px;"> <tr> <td>J</td><td>_____</td> <td>A</td><td>_____</td> </tr> <tr> <td>O</td><td>_____</td> <td>D</td><td>_____</td> </tr> <tr> <td>H</td><td>_____</td> <td>A</td><td>_____</td> </tr> <tr> <td>N</td><td>_____</td> <td>M</td><td>_____</td> </tr> <tr> <td></td><td></td> <td>S</td><td>_____</td> </tr> </table>	J	_____	A	_____	O	_____	D	_____	H	_____	A	_____	N	_____	M	_____			S	_____
J	_____	A	_____																		
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N	_____	M	_____																		
		S	_____																		

Activity 5

Historical Documents

Design a brochure identifying the purposes and explaining the importance of the Texas Declaration of Independence and the Texas Constitution.

