Hank the Cowdog
Ranch Life Series

HANK
THE COWDOG

Cowboys and Horses

Jenny Gaona and Michelle Sedberry
Security Briefing

with Hank the Cowdog

HANK
THE COWDOG

★
Cowboys and Horses ★

Chapter 2A

Social Studies Activity

Topic: Timeline of the History of the American Cowboy

Standards Alignment: K.3A, K.3B, 1.3A, 1.3B, 2.2A, 2.2B, 2.2C, 3.5A, 3.3B, 4.4B, 5.8B, 5.13B
Howdy partners, it's Hank the Cowdog, or as my Spanish partners might call me *Hank El Perro Vaquero*. I've been running security on this ranch for many seasons, but ranching started way before I got here. Lots of cowpokes, ranchers, cows, and horses have run through these parts. I am going to give you a brief history of how our ranch got here. As Head of Security, it is important to know your roots and where you came from. Knowing how ranchers were successful in the past will help us make the right decisions in the future. I have a lot of historical events that I need your help in putting in chronological order. I am the Head of Security and can't be in charge of knowing what happened first, second, or last. Help me and Loper put these events back in order so we can learn how we got here in the first place.

**Security Tips from Hank:**

1) Each student or group needs a timeline  
2) Read the chapter aloud to your students, or have the students complete a partner or individual reading strategy  
3) As the teacher or student(s) read, place the event cards in the correct order on the timeline

Created by Jenny Gaona  
Hank the Cowdog: Cowboys and Horses-Chapter 2A History Timeline
<table>
<thead>
<tr>
<th>Civil War</th>
<th>Wild Cattle were driven north to railroad towns in Kansas and Nebraska</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wild cattle were gathered outside of brush country in South Texas</td>
<td>Cattle were loaded into railroad cars and transported back East</td>
</tr>
<tr>
<td>Cattle were taken back East to feed people living in the cities</td>
<td>The Traildriving Period starts around 1865</td>
</tr>
<tr>
<td>The Traildriving period ended around 1880</td>
<td>Thousands of young men (and some girls who were disguised as boys) were drawn into the livestock business</td>
</tr>
<tr>
<td>The word “cowboy” appeared at this time</td>
<td>Before 1870, people who handled livestock were known as “herders” or “drovers”</td>
</tr>
</tbody>
</table>

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses- Chapter 2A Timeline of the American Cowboy
Cowboy Timeline
With Hank the Cowdog

Traildriving Period (1865-1880)
The Bottom Line
With Hank the Cowdog

Each event on your timeline has a cause and an effect. Choose three events and write their cause or their effect.

<table>
<thead>
<tr>
<th>Event</th>
<th>Cause</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
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<tr>
<td>2.</td>
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<tr>
<td>3.</td>
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</tbody>
</table>

Which event do you think was the MOST important in the history of the American cowboy? Explain.

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Hank the Cowdog: Cowboys and Horses- Chapter 2A Timeline of the American Cowboy
Security Briefing

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Cowboys and Horses ★

Chapter 2B

Social Studies Activity

Topic: Traditions

Listen cowpokes, I wasn’t the first security guard to roam around these parts. Lots of ranchers, cowboys, and pesky coyotes were here before me. These ranchers established *traditions* that we still follow today. These traditions have helped us make good decisions for our ranch. These decisions help Sally May to accomplish the most important thing on the ranch—putting food in the bowl of the Head of Security (that’s me!). A long time ago, the smartest rancher to ever live created the best ranching tradition. This tradition was to have a cowdog run your ranching security, and the rest is history!

**Security Tips from Hank:**

1) Each student or group needs a tradition handout
2) As a whole class, or with student groups, lead a discussion defining the word tradition. Have students make a list of family traditions.
3) Read aloud, or have students read in groups, Chapter 2B
4) As the teacher or student(s) read, place a capital “T” next to any tradition you can identify in the text
5) Create a bookmark that defines the word *tradition*, gives examples of family traditions, and explains how traditions have been identified in this chapter

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses-Chapter 2B Traditions
The Bottom Line
With Hank the Cowdog

Traditions are very important. Answer the following questions about what traditions mean to you and how they have impacted our way of life today.

1. What is a tradition?

2. What traditions do you have with your family?

3. Name one tradition from the book (pages 5-6).

4. Explain why you think that ranching tradition is important.

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Hank the Cowdog: Cowboys and Horses- Chapter 2B Traditions
Security Briefing

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H.A.N.K.
THE COWDOG

★ Cowboys and Horses ★

Chapter 3A & 4D

Social Studies Activity

Topic: What's Your Value?

Standards Alignment: K.7A, 1.10A, 1.10B, 2.9B, 4.12A, 5.13A,
Howdy partners! We all know that there are a lot of people and animals who contribute to a successful ranch. Each figure adds value to our ranch. Now, we all know that the Head of Security (that’s me) is the most valuable to this ranch running on all four paws. But when it comes to the other roles played on the ranch- the rancher, cowboys, horses, and cattle- who do you think has the most value?

Security Tips from Hank:

1) Each student is assigned a role- rancher, cowboy, horse, or cattle. Each role will meet in a corner of the room (4 corners). With your group, discuss your importance to a ranch. Be prepared to answer the question: Why are you the most important for the success of a ranch?
2) Students will then be put in groups. Each group will have a rancher, cowboy, horse, and cow. Students will use the sentence stems to have a group discussion/debate about their importance on the ranch.
3) Students will then fill out the “Value Meter” handout to decide who they think has the most value on a ranch.
Value Meter
With Hank the Cowdog

Who has the most **VALUE** on a ranch? Your group should discuss why you are valuable to a ranch. You need to discuss your economic value (money), your value as a companion, your work effort value, and your trustworthiness value.

Fill out the sentence stems with your group.

Why a **COW** is valuable to a ranch...

- A cow’s economic value to a ranch is...

- A cow’s value as a companion on a ranch is...

- A cow’s work ethic value to a ranch is...

- A cow’s trustworthiness value to a ranch is...

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses- Chapter 3A &4D What’s Your Value?- Sentence Stems for Group Discussion
Value Meter
With Hank the Cowdog

Who has the most **VALUE** on a ranch? Your group should discuss why you are valuable to a ranch. You need to discuss your economic value (money), your value as a companion, your work effort value, and your trustworthiness value.

Fill out the sentence stems with your group.

Why a **RANCHER** is valuable to a ranch...

- A rancher’s economic value to a ranch is...

- A rancher’s value as a companion on a ranch is...

- A rancher’s work ethic value to a ranch is...

- A rancher’s trustworthiness value to a ranch is...

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Fill out the sentence stems with your group.

Why a **COWBOY** is valuable to a ranch...

- A cowboy’s economic value to a ranch is...

- A cowboy’s value as a companion on a ranch is...

- A cowboy’s work ethic value to a ranch is...

- A cowboy’s trustworthiness value to a ranch is...

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses- Chapter 3A &4D What’s Your Value?- Sentence Stems for Group Discussion
Value Meter
With Hank the Cowdog

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Fill out the sentence stems with your group.

Why a HORSE is valuable to a ranch...

- A horse’s economic value to a ranch is...

- A horse’s value as a companion on a ranch is...

- A horse’s work ethic value to a ranch is...

- A horse’s trustworthiness value to a ranch is...

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses- Chapter 3A & 4D What’s Your Value?- Sentence Stems for Group Discussion
Who has the most VALUE on a ranch?

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<thead>
<tr>
<th>1</th>
<th>2</th>
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**RANCHER**

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Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses- Chapter 3A &4D What's Your Value?- Value Meter
Value Meter
With Hank the Cowdog

Who has the most VALUE on a ranch?

### COW

<table>
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<tr>
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</table>

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses- Chapter 3A &4D What's Your Value?- Value Meter
Everyone on a ranch has value. Out of the many people and animals involved on the ranch, who do you think has the most value?

1. Why is a rancher important to the success of a ranch?

2. Why is a cowboy important to the success of a ranch?

3. Why is a cow important to the success of a ranch?

4. Why is a horse important to the success of a ranch?

5. In your opinion, who is the most important to the success of a ranch—rancher, cowboy, horse, or cow? Explain your answer.
Security Briefing

with Hank the Cowdog

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THE COWDOG

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Cowboys and Horses ★

Chapter 3B & 5

Science Activity

Topic: Inherited Traits & Learned Behaviors

Standards Alignment: 3.10B, 4.10B, 5.10B
Words of Wisdom from Hank

On a ranch, animals have important jobs. My job, Head of Ranch Security, is the most important job, but I also help Loper herd cattle and sometimes find lost animals. I have heard stories of people who keep dogs as pets and those dogs don't work at all! Sounds pretty boring to me. On the ranch, we also have work horses. I have a lot of respect for the horses because they work nearly as hard as I do. There is a lot of difference between a work horse and a pleasure horse. Cowboys pick a horse according to the attributes the horse has inherited.

Security Tips from Hank:

Part 1: Read chapters 3B and 5 to learn all the jobs different work horses and pleasure horses can do. While reading as a group place the cards where you think they fit on the Venn Diagram.

Part 2: Once you have completed your Venn Diagram and placed all the cards where you think they go look at each job and decide if the card is a learned behavior of the horse or an inherited trait.

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses Chapter 3B & 5 Inherited and Learned Behaviors
**Venn Diagram Category Labels:**

Use the following labels as titles for the Venn Diagram.

<table>
<thead>
<tr>
<th>Work Horse</th>
<th>Pleasure Horse</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barrel Racing</td>
<td>Team Roping</td>
</tr>
<tr>
<td>Cutting Horse Competitions</td>
<td>Carry Soldiers in Battle</td>
</tr>
<tr>
<td>Endurance</td>
<td>Trail Rides</td>
</tr>
<tr>
<td>Navigate Back Country</td>
<td>Pack Animals</td>
</tr>
<tr>
<td>Pulls Wagon</td>
<td>Herd Cattle</td>
</tr>
<tr>
<td>Haul Freight</td>
<td>Friend to a Cowboy</td>
</tr>
<tr>
<td>Transportation</td>
<td>Strong</td>
</tr>
</tbody>
</table>

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses Chapter 3B & $6$ Inherited and Learned Behaviors
Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses Chapter 3B & 5 Inherited and Learned Behaviors
1) How are work horses and pleasure horses alike? (explain)

2) What did you notice when comparing the work horses and the pleasure horses?

3) If you were going to persuade someone to get a certain type of horse what traits would you select to highlight to the buyer?

4) What would happen if a rancher bred a work horse and a pleasure horse together?

5) If you were a cowboy on a ranch, what traits would you value most in your work horse and why?
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with Hank the Cowdog

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Chapter 4B

Science Activity

Topic: Life Cycle of a Horse and Learned Behaviors

Standards Alignment: 3.10BC, 4.10BC, 5.10B
Words of Wisdom from Hank

As the head of ranch security I have to pay close attention to the animals on the ranch and keep them safe from predators. Horses are more likely to be attacked when they are young. A mare must protect her colt from danger, but I also do my part paying close attention to the life cycle of the horse. When a mare gives birth to a colt my job becomes very important. I have a lot to remember and I need your help to sort out all the characteristics of a horse life cycle.

Security Tips from Hank:

Look at the Horse Life Cycle Background Information. Discuss information with your group. Read chapter 4B to sort the cards into three categories: foal, mare, and stallion. Some cards can belong in multiple columns. Once small groups are familiar with the stages of the horse life cycle and behaviors during the stages groups can play the board game. Read each card and advance to the answer on the game board. The first player to reach the finish space wins.

Foal     Mare     Stallion

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses Chapter 4B Life Cycle of a Horse and Behaviors
Horse Life Cycle Background Information

Life Cycle of a Horse

**Stage 1 Mating**
Male-Stallion
Female-Mare
A mare mates at 3 years.

**Stage 2 Gestation**
A baby foal grows inside the mother about 1 year.

**Stage 3 Foal**
The foal drinks its mother’s milk for about 1 year.

**Stage 4 Adult**
A horse lives 25-30 years.

Card Sort Category Labels:
Use the following labels as titles for each of your columns.

- Foal
- Mare
- Stallion

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses Chapter 4B Life Cycle of a Horse and Behaviors
<table>
<thead>
<tr>
<th>Weaned from mother at 6 months</th>
<th>Halter Broke-Wears a halter and learns to lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trains for 3-4 years</td>
<td>Fights against pressure of a halter and rope</td>
</tr>
<tr>
<td>Learns to respond to commands</td>
<td>Learns to wear a saddle</td>
</tr>
<tr>
<td>Horse breaking-Learns to allow a person to ride on its back</td>
<td>Female horse</td>
</tr>
<tr>
<td>Carries out work on the ranch</td>
<td>Male horse</td>
</tr>
<tr>
<td>Reproduces</td>
<td>Carries out work on the ranch</td>
</tr>
</tbody>
</table>

Created by Michelle Sedberry  
*Hank the Cowdog: Cowboys and Horses Chapter 4B Life Cycle of a Horse and Behaviors*
<table>
<thead>
<tr>
<th>A horse that is less than a year</th>
<th>Carry their young 11 months until birth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nurses their young for 6 months</td>
<td>Defends the herd from predators</td>
</tr>
<tr>
<td>Social animals that like to live in a herd</td>
<td>Wears a saddle</td>
</tr>
<tr>
<td>Can be aggressive toward herd and handlers if not trained</td>
<td>First reaction to danger is to flee</td>
</tr>
<tr>
<td>If a colt is present, _____ will stand their ground if threatened by a predator</td>
<td>Herd animal</td>
</tr>
<tr>
<td>Use ears and tail as main communication</td>
<td>Carries out work on the ranch</td>
</tr>
</tbody>
</table>

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses Chapter 4B Life Cycle of a Horse and Behaviors
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<tr>
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<tr>
<td>Use ears and tail as main communication</td>
<td>Carries out work on the ranch</td>
</tr>
<tr>
<td><strong>Foal, Mare, Stallion</strong></td>
<td><strong>Foal, Mare, Stallion</strong></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses Chapter 4B Life Cycle of a Horse and Behaviors
<table>
<thead>
<tr>
<th>Sorting Mat:</th>
<th>Foal</th>
<th>Mare</th>
<th>Stallion</th>
</tr>
</thead>
</table>

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses Chapter 4B Life Cycle of a Horse and Behaviors
The Bottom Line

With Hank the Cowdog

When playing the Horse Life Cycle Game you noticed characteristics that were the same and different between foals, mares, and stallions.

1) What characteristics did you notice that were different between foals, mares, and stallions?

2) A. Write down a life cycle of another animal that you know.

   B. What is the same between your animal and a horse life cycle?

   C. What is different between your animal and a horse life cycle?

3) On the Hank the Cowdog Ranch would Hank need to spend more time protecting a foal, mare, or stallion? Explain your answer.

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses-Life Cycle of a Horse
Security Briefing

with Hank the Cowdog

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Chapter 4C
Science Activity

Topic: Traits

Standards Alignment: 3.10B, 4.10B, 5.10B
Words of Wisdom
from Hank

It’s me again, Hank the Cowdog, as you know...I am the Head of Security here on the ranch and I am the most important because I keep everyone safe. The second most important animal on the ranch is Mr. Loper’s horse. Cowboys use their horses for many tasks including moving things around the ranch, herding cattle, and hauling loads. The horse’s attributes are very important. A cowboy must think about the tasks they need the horse to perform to determine which characteristics would be the most useful. Mr. Loper needs your help selecting another horse for the ranch.

Part 1: Trait Mix Up
For part 1, spin the spinner and record the attributes you inherited as a horse.

Part 2: Horse Marketing
Collect your data from the score sheet and create a poster to advertise yourself (as a horse) to Mr. Loper and his cowboy, Slim. You will number off 1-40 and even numbers will be the horses and odd numbers will be the cowboys. You will advertise yourself in 30 seconds and cowboys will make their horse selections. Then the groups will switch and the instructions will be repeated.

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses-Chapter 4C Trait Mix Up and Horse Marketing
Traits Spinner

**Attribute Score Card**

<table>
<thead>
<tr>
<th>Attributes</th>
<th>Score</th>
<th>Benefit/Weakness</th>
<th>Cowboy Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mouth:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Legs:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hooves:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hide:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Score</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses-Chapter 4C Trait Mix Up and Horse Marketing
Part 2: Create a poster to advertise yourself (as a horse) to the cowboys.
The Bottom Line
With Hank the Cowdog

Each horse that went to market had different advantages and disadvantages. Cowboys and Ranchers must think carefully about what they want to accomplish with their horse on the ranch.

1) Reflect on what your horse had to offer at market? Explain why you feel your attributes might be an advantage or disadvantage. Your opinions may have changed after hearing your classmates’ discussion at market.

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Advantage/Disadvantage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses- Chapter 4C Trait Mix Up
Security Briefing

with Hank the Cowdog

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Chapters 6 & 7

Social Studies Activity

Topic: A Day in the Life of a Cowboy

Words of Wisdom
from Hank

Materials:
- A Day in the Life:
  Game Cards
- A Day In the Life:
  Game Board

Working on a ranch is hard. Now we all know that being the Head of Security is the hardest job on the ranch, but cowboys work pretty hard too. There are many different jobs for a cowboy to do on the ranch. A cowboy never knows what his day will bring him when he wakes up in the morning. He may have a plan for what he is going to do, but the cows, coyotes, and horses may not be aware of his plan. The animals on a ranch reckon’ to do what they want, and sometimes that will throw off a cowboys plan. But any cowboy worth his salt will get their job done before their head hits the pillow.

Security Tips from Hank:

1) Students are put in groups of 2, 3, or 4
2) Students will draw a game card, read the game card, and follow the instructions on the game card in order to move around the game board.
3) The student who’s cowboy makes it to bed first, wins the game

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses-Chapter 6 & 7- A Day in the Life of a Cowboy
# A Day in the Life

With Hank the Cowdog

## Game Pieces

<table>
<thead>
<tr>
<th></th>
<th><img src="image" alt="Cow" /></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cow</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Rancher</strong></td>
<td><img src="image" alt="Hat" /></td>
</tr>
<tr>
<td><strong>Cowboy</strong></td>
<td><img src="image" alt="Boots" /></td>
</tr>
<tr>
<td><strong>Horse</strong></td>
<td><img src="image" alt="Riding" /></td>
</tr>
</tbody>
</table>

Created by Jenny Gaona

Hank the Cowdog: Cowboys and Horses - Chapter 6A & B A Day in the Life of a Cowboy - Game Pieces
# A Day in the Life

With Hank the Cowdog

## Game Cards

<table>
<thead>
<tr>
<th>Event 1</th>
<th>Event 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>You have been snake bit!</td>
<td>You got kicked by a cow.</td>
</tr>
<tr>
<td>Go back to square 1</td>
<td>Go back 2 spaces</td>
</tr>
<tr>
<td>You broke your rope.</td>
<td>You roped a calf.</td>
</tr>
<tr>
<td>Go back 3 spaces</td>
<td>Go forward 3 spaces</td>
</tr>
<tr>
<td>You branded 25 cattle.</td>
<td>You need cow cakes.</td>
</tr>
<tr>
<td>Go forward 3 spaces</td>
<td>Go to square 8</td>
</tr>
<tr>
<td>You have to check the mail.</td>
<td>You have to drive to town.</td>
</tr>
<tr>
<td>Go to square 6</td>
<td>Go to square 9</td>
</tr>
<tr>
<td>You lost a calf in Caprock Canyon.</td>
<td>You are chasing coyotes away</td>
</tr>
<tr>
<td>Go to square 11</td>
<td>from the herd. Go to square 21</td>
</tr>
<tr>
<td>Driving the herd to the waterhole.</td>
<td>The cat spooked your horse.</td>
</tr>
<tr>
<td>Go to square 26</td>
<td>Go back 5 squares</td>
</tr>
<tr>
<td>Your ranch horse is sick.</td>
<td>Weather is sunny and clear.</td>
</tr>
<tr>
<td>Go back 3 spaces</td>
<td>Go forward 2 spaces</td>
</tr>
<tr>
<td>You fixed the fence.</td>
<td>You repaired the windmill.</td>
</tr>
<tr>
<td>Go forward 3 spaces</td>
<td>Go forward 2 spaces</td>
</tr>
<tr>
<td>You got a new pair of chaps.</td>
<td>Your truck got a flat.</td>
</tr>
<tr>
<td>Go forward 2 spaces</td>
<td>Go back 3 spaces</td>
</tr>
<tr>
<td>Your cowdog got into a cactus.</td>
<td>You helped birth a calf.</td>
</tr>
<tr>
<td>Go back 5 spaces</td>
<td>Go forward 5 spaces</td>
</tr>
</tbody>
</table>

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses- Chapter 6A & B A Day in the Life of a Cowboy- Game Cards
<table>
<thead>
<tr>
<th>You and your horse hauled a tree off the road. Go forward 1 space</th>
<th>You returned a calf to his mother. Go forward 3 spaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>You sharpened your spurs. Go forward 2 spaces</td>
<td>You horse threw a shoe. Go back 2 spaces</td>
</tr>
<tr>
<td>You sorted 100 cattle into pens. Go forward 5 spaces</td>
<td>You tracked and shot a coyote. Go forward 2 spaces</td>
</tr>
<tr>
<td>You trained a new ranch horse. Go forward 2 spaces</td>
<td>You were bucked off a wild horse. Go back 3 spaces</td>
</tr>
<tr>
<td>You fed and watered your ranch horse. Go forward 2 spaces</td>
<td>You fed your cowdog. Go forward 10 spaces</td>
</tr>
<tr>
<td>You halter broke a colt. Go forward 3 spaces</td>
<td>Your horse has a big heart. Go forward 3 spaces</td>
</tr>
<tr>
<td>You got your job done for the day. Go forward 2 spaces</td>
<td>Blizzard is coming. Go back 10 spaces</td>
</tr>
<tr>
<td>Ran out of cow cakes. Go back 3 spaces</td>
<td>You made a great &quot;head catch&quot;. Go forward 3 spaces</td>
</tr>
<tr>
<td>Used a heel loop to bring down a calf. Go forward 3 spaces</td>
<td>You heeled 5 calves out of the herd. Go forward 3 spaces</td>
</tr>
<tr>
<td>You pulled a bone out of a cow's throat. Go forward 3 spaces</td>
<td>You found a dead cow. Go back 3 spaces</td>
</tr>
<tr>
<td>You roped a calf and tied a pigging string. Go forward 1 space</td>
<td>You oiled the windmill. Go forward 2 spaces</td>
</tr>
<tr>
<td>You gave antibiotics to a sick cow. Go forward 2 spaces</td>
<td>You strung 10 miles of barb-wired fence. Go forward 3 spaces</td>
</tr>
<tr>
<td>You welded the gate. Go forward 2 spaces</td>
<td>You stepped on the cat's tail. Go forward 1 space</td>
</tr>
</tbody>
</table>

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses- Chapter 6A & B A Day in the Life of a Cowboy- Game Cards
The Bottom Line
With Hank the Cowdog

Cowboys on a ranch have hard jobs. Each day can bring a new set of challenges for a cowboy. A great cowboy will get all of his jobs done before his head hits the pillow at night.

1. During the game, what were three challenges a cowboy might face on the ranch?
   •
   •
   •

2. During the game, what were three accomplishments of a cowboy on the ranch?
   •
   •
   •

3. What do you think is the biggest challenge a cowboy might face on a ranch?

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses- Chapter 6 & 7- A Day in the Life of a Cowboy
Security Briefing

with Hank the Cowdog

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Cowboys and Horses ★

Chapter 7
Science Activity

Topic: Design A Windmill

Standards Alignment: 3.5A, 4.5A, 5.5A, 5.7C
Living on a ranch requires a lot of careful planning by the humans. Mr. Loper has to think about meeting the basic needs of his animals which includes water. On our ranch, Mr. Loper installed a windmill to pump water for us to drink, but during a Texas wind storm the windmill blades were damaged. Now Mr. Loper needs to repair the old windmill fast because every day without water is dangerous! He is looking at redesigning his windmill to run more efficiently using wind energy. Mr. Loper needs ideas and he put me, Hank the Cowdog, in charge of rounding up some more ideas. It makes sense, I round up his cattle, but I am not real good at designing stuff...so I need your help.

I rounded up some materials you can use in your blade design:
- Aluminum Foil
- Cardstock
- Tissue Paper
- Popsicle Sticks
- Copy Paper
- Foam Sheet

This is the base you will be using.
**Challenge:**
Design windmill blades that will turn in the wind and be able to lift a load from the ground to the top of the windmill.

**Sketch your design here:**

![Diagram of windmill design](image)

**Group Blade Design:**

---

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses-Chapter 7 Designing a Windmill
Now that your group has completed the blade design for your windmill it is time to put your design to the test. Complete the chart below with information about your windmill blades. Remember, for your design to be successful it must be able to lift a load to the top of the windmill so Mr. Loper can throw his tools in the bucket when making repairs.

<table>
<thead>
<tr>
<th>Windmill Data Collection Chart</th>
</tr>
</thead>
<tbody>
<tr>
<td>Materials</td>
</tr>
<tr>
<td>-----------</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

1) What problems did your group encounter during the design process and how did you work through your issues?

2) What would be the benefit for using wind power on the ranch?

3) What could be limitations to using wind power on the ranch?

Created by Michelle Sedberry
Hank the Cowdog: Cowboys and Horses- Chapter 7 Designing a Windmill
Security Briefing

with Hank the Cowdog

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Chapters 8

Social Studies Activity

Topic: The Cowboy's Equipment

Standards Alignment: K.5b, 1.6c, 1.10b, 2.8a, 3.4a, 5.4b, 4.9c, 5.8b, 5.9a
Howdy friends, it’s me, Hank the Cowdog. It is amazing that as the Head of Security, I don’t have to have any equipment to get my job done. I can protect this ranch with just my four paws and awesome sniffer. Cowboys, on the other hand, need a lot of equipment to get their jobs done. This equipment is used to help cowboys get their jobs done on a daily basis. What equipment do you feel is the most important for a cowboy?

**Security Tips from Hank:**

1) Students are put in groups of 2, 3, or 4
2) Students are assigned a piece of cowboy equipment: saddle, boots, chaps, or spurs
3) Student groups read about their piece of cowboy equipment
4) As students read they pick out 3 attributes that the piece of equipment helps a cowboy do on a daily basis
5) Once student groups have their 3 attributes, they will write them on their piece of equipment
6) Students will present an attribute and their piece of equipment to the whole group for their cowboy

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses-Chapter 8 The Cowboy’s Equipment
Cowboy Equipment

With Hank the Cowdog

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses- Chapter 8 The Cowboy's Equipment
Cowboy Equipment
With Hank the Cowdog

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses-Chapter 8 The Cowboy's Equipment
Cowboy Equipment
With Hank the Cowdog

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses- Chapter 8 The Cowboy's Equipment
Cowboy Equipment

With Hank the Cowdog

Created by Jenny Gaona
Hank the Cowdog: Cowboys and Horses- Chapter 8 The Cowboy’s Equipment
A good cowboy has to rely on quality equipment. Use our cowboy and equipment visuals to answer the questions.

1. Name the most important attribute of a cowboy’s saddle.

2. Name the most important attribute of a cowboy’s boots.

3. Name the most important attribute of a cowboy’s chaps.

4. Name the most important attribute of a cowboy’s spurs.

5. Which piece of equipment do you feel is the most important for a cowboy to have? Explain.