



ACTIVITY 3

Rank for Hank: Large Animals & Birds



RANCH LIFE SERIES | BOOK 3 | RANCH WILDLIFE:

Chapter 2 & 3

Content Area:

Science & Social Studies

Topic:

Animals' Value to the Ranch Ecosystem and Economics of a Ranch

Objective:

Students will rank animals based on their value to the ranch ecosystem (science) and economics (social studies) of a ranch.

Texas Essential Knowledge and Skills (TEKS):

Science TEKS: 3.9A, 5.9A, 5.9C

Social Studies TEKS: 1.9B, 1.16B, 2.7A, 2.15B, 3.15E, 4.11B, 4.19B, 5.12B, 5.23B

*Social Studies TEKS reflect the NEW Streamlined TEKS that will be implemented in elementary schools in the 2020-2021 school year.





Rank for Hank: Large Animals & Birds

CONTENT AREA: Science & Social Studies

TOPICS: Animals' Value to the Ranch Ecosystem and Economics of a Ranch

ACTIVITY MATERIALS:

- RANK FOR HANK DATA RECORDING SHEET (PAGE A3-3): 1 PER STUDENT OR STUDENT TABLE GROUP
- NOTES: RANK FOR HANK (PAGE A3 - 4): 1 PER STUDENT

READING STRATEGY:

- Review the terms “economic value” and “ecosystem value” with your students. Create a word wall or visual reference for students to refer to during the reading.
- The teacher can read aloud or have students read aloud with a group or partner. Every time you read something that has an animal gain or lose value (economic or in the ecosystem), write it down in your notes under that animal.

ACTIVITY INSTRUCTIONS:

1. Each student or student group needs a page to write down notes.
2. Read the chapter aloud to your students.
3. As the teacher reads, students record gains and losses of value for each animal on the ranch.

STUDENT SKILLS ASSESSMENT:

- Have students (or student groups) complete THE BOTTOM LINE worksheet at the end of the activity.

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SECURITY BRIEFING –

WORDS OF WISDOM FROM HANK THE COWDOG:

Howdy all you large **animals** reading this book and helping us solve problems on my ranch, it's Hank the Cowdog. Now you have read about some of the largest animals and some of the smallest animals that I see on my ranch. Each of these animals can add or subtract **value** to our ranch. All of the animals interact with the **environment** and a healthy ecosystem on the ranch means a healthy herd of cattle! Each of these animals can also help Sally Mae and Loper put more money in their pockets, which means more dog food for me- YIPPEE! You are going to help me figure out which animals are the **MOST** beneficial to the ranch. As Head of Security, it is important to know which animals for me to chase off and which ones help my ranch!

ACTIVITY MATERIALS:

- RANK FOR HANK DATA RECORDING SHEET
- NOTES: RANK FOR HANK
- Insert page numbers of each activity page onto the “Game Materials” section of the Educator’s Guide Page

ACTIVITY INSTRUCTIONS:

1. Each student will need a RANK FOR HANK NOTES PAGE.
2. Have students write notes on the value of each animal on the ranch. Values should be categorized into Economic Value and Value to the Ranch Ecosystem.
3. When students are done with their notes, they will fill in the RANK FOR HANK DATA RECORDING SHEET.

WRAP UP:

Fill out THE BOTTOM LINE worksheet after you have completed the activity.

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**USE RANK FOR HANK DATA RECORDING SHEET
11X17 PAPER**

**AVAILABLE FOR DOWNLOAD AT
RANGLIFELEARNING.COM**

NAME: _____ DATE: _____

RANK FOR HANK: NOTES PAGE

DIRECTIONS: Use a + symbol in your notes to indicate that this is something that adds value. Use a - symbol to indicate this is something that decreases value.

Large Animals	Value to the Ranch Ecosystem	Economic Value to the Ranch
Deer		
Pronghorn Antelope		
Feral Hogs		
Aoudad Sheep		

Birds	Value to the Ranch Ecosystem	Economic Value to the Ranch
Dove		
Quail/Bird Dogs		
Wild Turkeys		
Birds of Prey		
Buzzards		

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NAME: _____ DATE: _____

THE BOTTOM LINE

Each animal can add or subtract value to a ranch. Choose two animals that you think bring the most value to the ranch. Choose two animals that you think bring the least amount of value to a ranch. Justify your answers with reasons from your notes.

MOST/LEAST VALUABLE ANIMALS ON A RANCH

<p>Circle the two animals you feel bring the MOST value to the ranch.</p> <p>Deer Pronghorn Antelope Dove</p> <p>Feral Hogs Aoudad Sheep Buzzards</p> <p>Quail/Bird Dogs Wild Turkeys</p> <p>Birds of Prey</p>	<p>Circle the two animals you feel bring the LEAST value to the ranch.</p> <p>Deer Pronghorn Antelope Dove</p> <p>Feral Hogs Aoudad Sheep Buzzards</p> <p>Quail/Bird Dogs Wild Turkeys</p> <p>Birds of Prey</p>
<p>I think that _____ bring the MOST value to the ranch because...</p>	<p>I think that _____ bring the LEAST value to the ranch because...</p>
<p>I think that _____ bring the MOST value to the ranch because...</p>	<p>I think that _____ bring the LEAST value to the ranch because...</p>