ACTIVITY 5
Red Flag Day: Fire Safety

RANCH LIFE SERIES / BOOK 5 / PRAIRIE FIRE
Chapters 10

Content Area
Fire Safety

Topic
Outdoor Fire Prevention & Conservation of Natural Resources

Objective
Students will list rules for outdoor safety.

Texas Essential Knowledge and Skills (TEKS)*
Fire Safety for Texans
Red Flag Day: Fire Safety

CONTENT AREA: Fire Safety

TOPIC: Outdoor Fire Prevention & Conservation of Natural Resources

ACTIVITY MATERIALS:

• FIRE GRAPHS (page A5-3)
• RED FLAG RULES WORKSHEET (page A5-4)
• THE BOTTOM LINE WORKSHEET (page A5-5)

ACTIVITY INSTRUCTIONS:

1. Read Chapter 10,
2. Class Discussion: Using FIRE GRAPHS, guide students to discuss the types of outdoor fires and the ignition causes of brush and grass fires.
   • Discuss the causes of outdoor fires and emphasize the conclusion that outdoor fires rarely occur naturally; that virtually all outdoor fires are caused by people, either on purpose or through negligence.
3. Define Red Flag Day for students (Review Chapter Four)
   • Red Flag Day: a day when warnings are issued due to warm temperatures, very low humidity and strong winds, which are expected to combine to produce an increased risk of fire danger.
4. Students will complete RED FLAG DAY WORKSHEET – Students will fill out worksheet.

STUDENT SKILLS ASSESSMENT:

• Have students (or student groups) complete the BOTTOM LINE worksheet at the end of the activity.
Red Flag Day: Fire Safety

SECURITY BRIEFING –

WORDS OF WISDOM FROM HANK THE COWDOG:

Okay, it was March, and when Slim and I went out to feed cattle, he already knew it was going to be a bad day for fires. How did he know? He'd heard alerts on the radio from the National Weather Service, warning residents of the Panhandle that this was going to be a bad day for grassfires. They issued a Red Flag Warning and told listeners to be very, very careful with anything that could make a spark or a flame.

ACTIVITY MATERIALS:
- FIRE GRAPHS
- RED FLAG RULES WORKSHEET
- THE BOTTOM LINE WORKSHEET

ACTIVITY INSTRUCTIONS:
1. Read Chapter 10
2. Review Causes of outdoor fires - FIRE GRAPHS
3. Complete RED FLAG DAY WORKSHEET
4. Complete the BOTTOM LINE

WRAP UP:

Fill out the BOTTOM LINE worksheet after you have completed the activity.
**Red Flag Day: Fire Safety**

**Fire Graphs**

**Types of Fires**
- Building Fires: 28%
- Vehicle Fires: 18%
- Other & Undetermined: 35%
- Arson and Suspicious Fires: 30%
- Outdoor Fires: 54%

**Types of Outdoor Fires**
- Trees, Brush, Grass: 57%
- Vehicle Fires: 18%
- Trees, Brush, Grass: 57%
- Other: 11%

**Fires Reported in Texas, 2022:**
- 71,023

**Outdoors Fires Reported:**
- 37,742

**Ignition Causes of Wildfires**
- Misuse of Heat Ignition like children playing with matches: 25%
- Misuse of Flammable Materials like fuel spills or using gasoline to start fires: 2%
- Mechanical Failures such as short circuits, car backfires: 3%
- Natural Conditions such as lightning, high winds: 3%
- Arson and Suspicious Fires: 30%
- Overloaded Power Circuits or Fallen Power Lines: 2%
- Other: 11%
NAME: __________________________________ DATE: ______________

RED FLAG DAY RULES

It is a Red Flag Day on the ranch. That means there is an increased chance for a fire. Use the diagram below to sort out tasks that are safe or unsafe.

1. Burn trash or leaves outside
2. Play with matches
3. Tell an adult if you smell smoke
4. Shoot fireworks
5. Brush your teeth
6. Run the welder
7. Mow Grass and Weeds
8. Remove trees that are growing close to houses and barns
9. Use gasoline to start a fire in a pit
10. Eat broccoli
11. Cook hamburgers over an open fire

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<th>SAFE</th>
<th>UNSAFE</th>
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THE BOTTOM LINE
Answer the following questions.

1. True or False: Most outdoor fires occur naturally.

2. What is a Red Flag Day?

3. What are three things that are NOT safe to do on a Red Flag Day?

4. What are three things that you can do to prevent a wildfire?