

Program Overview

Lesson 1: Geography & Landscapes

Guiding Question: How does wildfire impact the landscapes we live in?

Objectives

Students will be able to:

- 1) Interpret maps by making observations and comparisons.
- 2) Explain factors that affect where plant communities are found.
- 3) Sketch and describe differences in a healthy versus unhealthy forest zone found in Butte County.

Assessment Activity: Using the Butte County Forest Health Guidebook, students make a side-by-side graphic to demonstrate characteristics of a healthy versus unhealthy forest.

Lesson 2: Cultural Fire

Guiding Question: How do Indigenous Californians, past and present, use fire?

Objectives

Students will be able to:

- 1) Describe Traditional Ecological Knowledge and its importance in their own words.
- 2) Explain three or more uses of cultural fire in California.
- 3) Reflect on and share their ideas about using fire today.

Assessment Activity: Students create two Google Slides to summarize their learning about cultural fire using information from the presentation slides, the videos, or the TEK sections of the Forest Health Guidebook.

Lesson 3: Fire Physics & Ignitions

Guiding Question: What causes wildfires?

Objectives

Students will be able to:

- 1) Explain how topography, weather, and fuel affect wildfire behavior.
- 2) Identify three human-caused and one natural cause of wildfire.
- 3) Explain actions that can be taken to reduce human-caused wildfire ignitions.

Assessment Activity: Students research an ignition source and create a wildfire public service announcement to reduce accidental ignitions in their area.

Lesson 4: Community Wildfire Mitigation

Guiding Question: What actions are being taken around Butte County to build community wildfire resilience?

Objectives:

Students will be able to:

- 1) Explain the purpose of wildfire mitigation.
- 2) Explain the methods and desired outcomes of at least three wildfire mitigation actions.
- 3) Collaborate with a group to propose a class wildfire mitigation project.

Assessment Activity: Students work in a small group to select and present an idea for a class community service project in fire mitigation, education, or recovery.

Lesson 5: Fire Resistant Structures

Guiding Question: What can be done to improve a structure's chance of surviving a wildfire?

Objectives

Students will be able to:

- 1) Explain defensible space through describing features of the three Home Ignition Zones.
- 2) Make recommendations to improve a structure's likelihood of surviving a wildfire by using the Firewise principles.

Assessment Activity: Students use their Firewise checklists to make observations about three photographs and write a reflection paragraph about home preparedness.

Lesson 6: Family Preparedness - Get Ready!

Guiding Question: What can we do now to prepare for a wildfire close to home?

Objectives

Students will be able to:

- 1) Explain the steps and contents of a Family Emergency Plan.
- 2) Describe the characteristics and items of a complete Go Bag.
- 3) Communicate to their families why making a Family Emergency Plan and Go Bag are important.

Assessment Activity: Students work with a small group to make a three to five-minute how-to video about one of the key topics from the lesson. Topic options include how to make a Go Bag, the steps and importance of a Family Communication Plan, and how to make a pet/livestock preparedness plan and Go Bag.

Lesson 7: Wildfire Response - Get Set, Go!

Guiding Question: What do we do if a wildfire leads to an evacuation?

Objectives

Students will be able to:

- 1) Describe how they will put their Family Emergency Plan into practice in the event of an evacuation warning or order.
- 2) Explain what action should be taken for each evacuation advisory term. (Evacuation Warning, Immediate Evacuation Order, Public Assembly Point, Shelter-In-Place)
- 3) List three or more resources they could use to find information or get help during a wildfire emergency.

Assessment Activity: Students reflect on the most important parts of the program and their takeaways by writing a letter to Wildfire Ready Raccoon.

Jeopardy-style Review Game

Culmination Activity: Firewise Community Meeting