



PARTS OF THE FIRE ECOLOGY LEARNING LAB

10 Lesson Science Unit

FELL is a middle school science curriculum focused on hands-on learning tailored to the Southwest. Aligned with science standards, it covers topics from biotic communities to fire management.

Stand Alone Lessons

FELL expanded its curriculum to cater to all grade levels, aiming to reach a broader audience. These individual lessons are specifically crafted for agency members and environmental educators to integrate into classrooms.

The Fire Ecology Learning Lab



The Fire Ecology Learning Lab (FELL) is a place-based, experiential middle school science unit designed to help students understand the biotic communities of the Southwest, how these communities are adapted to wildland fire, and how the land can be thoughtfully managed.

The lessons are aligned with state standards and follow the 5E (Engage, Explore, Explain, Elaborate, & Evaluate) model of science education.

The curriculum can be used as a whole unit by educators or as individual modules by teachers and agency members visiting classrooms.

LESSONS FOR

6-8

MORE THAN

1500

STUDENTS
ENGAGED

SET TO SCIENCE
STANDARDS IN

AZ & NM



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for more
information



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**SOUTHWEST
FIRE SCIENCE
CONSORTIUM**



**AZ Wildfire
INITIATIVE**

NAU NORTHERN ARIZONA
UNIVERSITY
School of Forestry



FIRE ECOLOGY LEARNING LAB

Igniting Curiosity in Young Minds

THEME ONE

Biotic Communities



Lesson 1

Biotic Community of the Southwest



Lesson 2

Local Biotic Community Investigation



Lesson 3

Energy in the Ecosystem

THEME TWO

Biotic Communities, Plants, and Wildland Fire



Lesson 4

Wildland Fuel Properties



Lesson 5

Biotic Communities and Fire Adaptations



Lesson 6

Student Designed Experiment



Lesson 7

Determining Fire Regimes

THEME THREE

Fire Management



Lesson 8

Indigenous Fire Management



Lesson 9

Fire Policy Debate



Lesson 10

Recommendations for Wildland Fire Policies

To view all the materials visit www.SWFireConsortium.org
