

## Natural Communities & Fire: Constructive and Deconstructive Forces

Grade: 4/5

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### Geography SS4G1

*The student will be able to locate important physical and man-made features in the United States.*

*a. Locate major physical features of the United States; include the Atlantic Coastal Plain.*

### Earth Science S5E1.

*Students will identify surface features of the Earth caused by constructive and destructive processes.*

Students will research both the constructive and destructive nature of **fire** in the United States.

Students will:

- Research the Long-leaf pine tree and the wire grass that grows along beside it and will then plot on a map of GA the original area of this pine forest and the current area that this pine forest takes up.
- Students will research how and why fire is important in a Long-leaf pine forest and will create two dioramas showing the before and after results of fire.
- Students will research the reason for the change and the steps being made to amend it.

Differentiation:

- Students may label a map of the **Southeast** showing the area of the Long-leaf forest hundreds of years ago vs. now.
- Students may research the difference in area taken up by this forest hundreds of years ago to now.
- Students will attempt to create the soil habitat needed to grow a Long-leaf pine tree here at school and will then try to grow a tree!