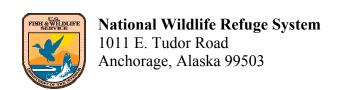


Unit II Fire's Effects on the Ecosystem



Role of Fire



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Material Handouts *Tundra or Forest Fire Component Cards (1 set per 4 students) *Tundra Fire Fact Sheet (1 per student) *Forest Fire Fact Sheet (1 per student)	
How Hot Is It? (8-12) Students participate in a card game simulating fire intensity and fire lines	17
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Fire Effects on Forest and Tundra Wildlife (3-6) Students will depict an ecosystem by creating a mural	34
Material Handouts *Alaska Ecology Cards (Unit I – Page 44) *Effects of Fire on Wildlife Population (Page 40)	

Looking at Fire in the Ecosystem (2-8)

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In this writing activity, students consider the effects of fire through the eyes of people, plants, and animals

Material Handouts

*Alaska Ecology Cards (Unit I – Page 44)

*Effects of Fire on Wildlife Population (Page 40)

Wildland Fire Misconceptions, True or False (3-12)

48

Students try to determine if statements about wildland fires are true or false

Material Handouts

*True or False, Forest Fire Misconceptions Student Worksheet

*True or False, Forest Fire Misconceptions Answer Sheet

Good or Bad Effect of Fire in the Tundra or Forest - Who's to Say? (8-12)

52

Students individually evaluate some effects of wildland fires and compare them to group evaluations. Students also discuss how different view and opinions are generated

Material Handouts

*Game Cards - Effects of Fire on the Tundra

*Game Cards - Effects of Fire on the Boreal Forest

Boreal Forest and Tundra Crossword Puzzle (6-12)

57

Students complete a crossword puzzle to reinforce vocabulary used in Unit I and Unit II

Material Handouts

*Puzzle #1 (easy)

*Puzzle #2 (moderate)

*Puzzle #3 (difficult)

*Effects of Fire on Wildlife Populations (Page 40)