

# FIRE POWER - LESSON PLAN

## Target Audience

*Fire Power* is suitable fire education material for a wide variety of audiences. The video and lesson plan can be used with teenagers, adults, and the elderly. *Fire Power* is not considered appropriate for very young children. The recommended age range of this lesson is for children 8 – 17 years of age.

## Learning Objectives

Upon viewing the video and completing the lesson, the juvenile should have learned about the power and speed of an uncontrolled fire, smoke travel in home fires, common fire safety hazards, elements of a fire escape plan, and the need for rapid action in case of fire. In addition to the above-referenced objectives, the juvenile should learn some of the basics of fire science and the fire triangle.

## Lesson Outline

Before showing the video, the instructor should ask a few questions about the child's knowledge of fire behavior. Questions such as: "How quick do you think a fire can spread through a building?"; "How much time do you think you would have to escape a building that was on fire?"; "Do you know two escape paths out of this building?".

Explain how the video will illustrate how fast a fire can grow and spread and how little time there is to escape safely.

Show the video

Discuss the pre-video questions again and see if the child's opinion has changed. Ask any or all of the following questions:

"Were you surprised at how fast the fire grew and spread?"

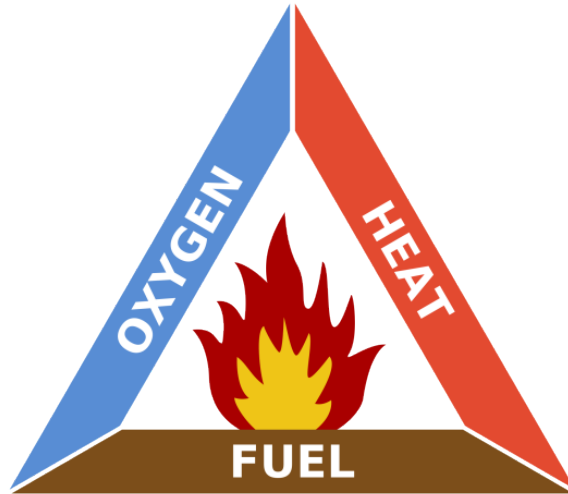
"How much time was there to escape the fire once the smoke alarm activated?"

"Did they expect that level of damage to different parts of the home?"

"How would escape been made from the second floor of the home?"

Explain the fire triangle. Give examples of each portion of the triangle. Ask the youth what portion of the fire triangle can he/she control? Relate how decision making in the handling of ignition sources can determine the potential for fire damage. Stress that good decision making can prevent fires!





### **Administer Post-Test**

Have the child complete the attached Post-Test. Go over the answers with the child and instruct on any incorrect answers.

### **Discussions and Activities (*Optional*)**

Have the child discuss how the fire started and ways it could have been prevented.

Use a news article or story of a recent fire of significance and discuss related fire prevention topics.

Have the child describe any similar fire dangers that may be present in their own home; discuss potential remedies.

Discuss the high incidence of fatal fires occurring in residential occupancies and the increased danger of fires originating while occupants are sleeping.

## FIRE POWER – POST TEST

- 1) The fire in the video was started by a: ☐ candle ☐ toaster  
☐ cigarette ☐ lightning
- 2) How long did it take for the smoke alarm to activate after the fire was started?  
☐ 30 seconds ☐ 1 minute, 50 seconds  
☐ 5 minutes ☐ 10 minutes
- 3) At what point did the stairway become impassable due to smoke and heat?  
☐ 15 minutes ☐ 1 minute  
☐ 4 minutes ☐ 20 minutes
- 4) If you find yourself in a building on fire, you should first  
☐ gather your valuables ☐ call 911  
☐ try to put out the fire ☐ leave immediately
- 5) You should always know \_\_\_\_\_ ways out of a building, in case of a fire or other emergency.
- 6) What are the three components of the fire triangle?

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