

# Fire Prevention and Risk Reduction Program

## CHAPTER OVERVIEW

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Every year, children die in fires and others are seriously injured. These are the unfortunate statistics that haunt the fire service. However, there is a solution: fire prevention and education. Successful fire prevention reduces the risk before there is a need for technology, gear, or equipment.

After students attend this course, they will understand the basic premise of fire prevention. Students will also know how and when to use stop, drop, and roll; how to conduct exit drills in the home (EDITH); understand the importance of smoke alarms; be able to recognize safety issues in their homes; and pass along the information to their parents.

## OBJECTIVES AND RESOURCES

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### Knowledge Objectives

After teaching this grade, students will be able to:

- Identify common fire safety hazards in their homes
- Know what to do when they have identified the fire and safety hazards in their homes
- Understand what an escape plan is and what needs to be provided on it
- Understand what to do when their smoke alarms sound

### Skill Objectives

After teaching this grade, students will be able to perform the following skills;

- Go home and practice a fire escape plan
- Go home and help their parents test their smoke alarms

### Common Core

The following common core objectives are met with this program

- Mathematics Geometry: Reasoning with shapes and their attributes. Students will reason by defining attributes versus non-defining attributes. An example is smoke alarms are circular and closed.
- National Standards for Physical Education: Students will perform locomotor skills when practicing stop-drop-and-roll as well as maintaining balance during activities.
- National Health Education Standards: Students will discuss healthy practices in their homes to maintain personal health. Examples include limiting fire dangers in the home to prevent fires and injuries and knowing how and when to escape in the event of a fire.

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## Reading and Preparation

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- Review “Knowing First Graders”
- Review the objectives for this grade
- Review supporting material as needed

## Support Material

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- LCD Projector, Overhead Projector, Smart Board, or Projection Screen
- Fire Safety Tool Box
  - Videos on Flash Drive
  - An assortment of Dry Erase Markers
  - Props that demonstrate fire safety hazards

## Enhancements

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- Additional support material is available at the teaching channel [www.teachingchannel.org](http://www.teachingchannel.org)
- Utilize transitions when switching topics. You may want to ask teachers how this works and review the following <http://www.teachingchannel.org/videos/managing-transitions>
- Additional enhancement material is available at the National Fire Academy website [www.usfa.fema.gov](http://www.usfa.fema.gov)
- Support material for Sparky can be found at [www.sparky.org](http://www.sparky.org)

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## TEACHING TIPS AND ACTIVITIES

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- It is imperative that the instructor believes in fire prevention and public education efforts. The attitude of the instructor toward the material is critical in fostering an environment where the students can appreciate the significance of the material.
- Having supporting material and props, such as lighters, smoke alarms, pictures, and videos will help permanent learning occur.
- Meet with the teacher prior to your presentation to gather information on the best ways to teach his/her class
  - Is there a student of the day that can be used to help?
  - Are there transitions that work well for them?
  - How does the teacher streamline questions and comments?
  - Are there any problem children in the class and how does the teacher work with them?

## PRESENTATION OVERVIEW

Total time: 40 Minutes	Activity Type	Time	Content
<b>Welcome</b>			
Introduction	Discussion	5 minutes	Meet Teacher / Introduction
<b>Lecture</b>			
I. What are we here for?	Lecture/Discussion	2 minute	Fire Safety
II. What Is Fire Prevention?	Lecture/Discussion/ Demonstration	2 minutes	Interaction With Students
III. Show Video(s)  Sparky's Join My Fire Safety Club	Demonstration	5 minutes	Meeting Place, Fire Escape Plan, Senses, Get Low and Go, Get out and stay out
IV. Discussion of Videos	Discussion	5 minutes	Escape Plan, Get Low and Go, Get Out and Stay Out
V. Activity	Lecture/Discussion/ Demonstration	10 minutes	Stop-Drop-Roll, Hot/Cold Stuff, Matches & Lighters, What a FF Looks like
<b>Practical</b>			
I. Fire Truck Show and Tell	Individual Activity/Small Group Activity/ Discussion	10 minutes	Show kids truck, Take Picture
II. Thank You	Discussion	1 minutes	

# WELCOME

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## Introduction

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Time: 5 Minutes

Content: Meet teacher and Students

Activity Type: Discussion

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### Purpose

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Use the introduction time to introduce yourself to the teacher and students. This time can be used to learn about the students in the class and the transitions the teacher uses to manage the students.

### Instructor Directions

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1. Introduce yourself and your crew to the teacher
2. Ask the teacher if there is anything in particular you should know about the students (see teaching tips above)
3. Once the teacher introduces you to the students, you can introduce yourself and crew
4. When possible wear your department uniform

# LECTURE

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## I. What are we here for?

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Time: 2 Minutes

Content: Fire Safety

Activity Type: Lecture/Discussion

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### Purpose

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To allow students an opportunity to explore the significance and concerns associated with fire prevention and public education. Use this time to understand what the students already understand

### Discussion Topics

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1. Ask the students why they think you are there
2. Once given a minute you can explain you are there to teach fire prevention

## II. What is fire prevention?

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Time: 2 Minutes

Content: Prevention of fires, and reduction in injuries

Activity Type: Lecture/Discussion

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### Purpose

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This section explains what fire prevention is and why it is important to the students. You can utilize the discussion topics in a questions and answer basis or in a lecture format

### Discussion Topics

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1. Our number one goal is to stop fires from occurring
2. Most fires are an accident and can be prevented
3. Our second goal is to provide the students with direction on what to do if a fire does happen
4. PFD teaches kids of all ages, parents, and grandparents fire prevention

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### III. Fire Prevention Video

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Time: 5 Minutes

Content: Sparky's Join My Fire Safety Club

Activity Type: Video/Demonstration

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#### Purpose

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To provide a quick and fun way to explain fire prevention to the 1<sup>st</sup> grade level in a way they can relate and understand

#### Discussion Topics

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1. Meeting Place
2. Fire Escape Plan
3. Senses
  - a. Listen for the sound of a smoke alarm
  - b. Touch a door to feel if its hot
  - c. Look to find the safest way out
  - d. Smell for smoke
4. Get Low and Go
5. Get Out and Stay Out

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### IV. Discuss Video

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Time: 5 Minutes

Content: Review the main points of the video

Activity Type: Discussion

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#### Purpose

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Use this time to review the "take home" and important points of the video. If the students understand the topics, move on to the next section.

#### Discussion Topics

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1. Fire Escape Plan
2. Senses
  - a. Listen for the sound of a smoke alarm
  - b. Touch a door to feel if its hot
  - c. Look to find the safest way out
  - d. Smell for smoke
3. Get Low and Go
4. Get Out and Stay Out

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### V. Fire Prevention Activity

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Time: 10 Minutes

Content: Common fire safety hazards in the home

Activity Type: Lecture, Discussion, Demonstration

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#### Purpose

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Use this time to provide the students with a hands on approach to fire safety related to common fire safety hazards in the home. They can use their senses as learned in the video to identify the hazards.

#### Discussion Topics / Activity

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1. Smoke alarm

- a. Have a student (possibly the student of the day) test the alarm
  - b. Give the kids a task to go home and have their parents help them test their alarms
2. What's hot in the home? (Utilize the props given in the Fire Safety Toolbox)
  - a. Matches and Lighters
  - b. Candles
  - c. Curling Iron/Hair Dryer
  - d. Oven/Stove/Microwave
3. Stop Drop and Roll
4. Escape Plan (EDITH)
  - a. Draw a house on the white board and make an escape plan with the kids. (Only if time permits and it is applicable to do so)
  - b. Give the kids another task to go home and talk to parents about their escape plan
5. What does a firefighter look like?
  - a. Have the FF or Teacher dress in the fire gear
  - b. 1<sup>st</sup> Graders may not need the FF to dress in the gear however it may be a good idea to explain why the gear helps us go into the fire and they must get out and stay out.

## PRACTICAL

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### I. Fire Truck Show and Tell

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Time: 10 Minutes

Content: Show the truck and tell the kids about the equipment

Activity Type: Group Activity

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#### Purpose

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To allow the students an opportunity to look through the truck and see the tools we use. Additionally, you can use this time as an opportunity to meet the Common Core objectives in mathematics by adding lengths of hose on the truck.

#### Instructor Directions

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1. Prior to going outside, set some ground rules for keeping track of the students. The teacher may be able to help with this.
2. Go through the outside cabinets of the truck and explain what the tools are used for. Try to provide examples that relate to the students. An example would be, we have ladders to get to the second story of your house or fans to cool the house just like the fans in the ceiling of theirs.
3. At some point, have the kids add the amount of hose the truck carries. You may simplify it by removing the tenth (10 instead of 100 and 5 instead of 50)
4. Show the students the inside of the truck

### II. Thank You

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Time: 1 Minute

Content: Thank the students for their attention and provide handouts for them to take home

Activity Type: Lecture

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#### Purpose

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This time is used to thank the students and teachers for their time and attention. Wait to hand out prevention material until this time so the students pay attention to the program and not the material. Prior to this part of the presentation, you may want to ask the teacher if he/she would like them to take a picture of their class.

#### Instructor Directions

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1. Thank the students and teachers for their time and attention
2. Take a picture of the class
3. Provide take home material (1<sup>st</sup> Graders are to receive plastic fire helmets)
4. When leaving you may want to show lights and sirens