

GRADE **2****Fire Prevention and Risk Reduction Program****CHAPTER OVERVIEW**

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; how and when to use 911; and pass along the information to their parents.

OBJECTIVES AND RESOURCES

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
- Know when and how to call 911
- Know what information is needed when calling 911

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.

Reading and Preparation

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

Support Material

- 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

- Additional support material is available at the teaching channel 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
- Support material for Sparky can be found at www.sparky.org

TEACHING TIPS AND ACTIVITIES

- 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
Welcome			
Introduction	Discussion	5 minutes	Meet Teacher / Introduction
Lecture			
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 Says Get to Know Edith	Demonstration	4 minutes	EDITH, Escape Plan, 2 Ways Out, Meeting Place
IV. Discussion of Videos	Discussion	5 minutes	Escape Drills In the Home, 2 Ways Out, Meeting Place
V. Activity	Lecture/Discussion/ Demonstration	10 minutes	Smoke Alarms, What do Do when an Alarm Sounds, No pets/Toys, 911 and Home Address
Practical			
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

Introduction

Time: 5 Minutes

Content: Meet teacher and Students

Activity Type: Discussion

Purpose

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

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

I. What are we here for?

Time: 2 Minutes

Content: Fire Safety

Activity Type: Lecture/Discussion

Purpose

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

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?

Time: 2 Minutes

Content: Prevention of fires, and reduction in injuries

Activity Type: Lecture/Discussion

Purpose

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

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

III. Fire Prevention Video

Time: 4 Minutes

Content: Sparky Says Get to Know EDITH

Activity Type: Video/Demonstration

Purpose

To provide a quick and fun way to explain fire prevention to the 2nd grade level in a way they can relate and understand

Discussion Topics

1. EDITH (Exit Drills In The Home)
2. Design an Escape Plan
3. Practice the Plan
4. Know 2 ways out
5. Meeting Place

IV. Discuss Video

Time: 5 Minutes

Content: Review the main points of the video

Activity Type: Discussion

Purpose

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

1. EDITH (Exit Drills In The Home)
2. Design an Escape Plan
3. Practice the Plan
4. Know 2 ways out
5. Meeting Place

V. Fire Prevention Activity

Time: 10 Minutes

Content: Common fire safety hazards in the home

Activity Type: Lecture, Discussion, Demonstration

Purpose

Use this time to provide the students with a hands on approach to fire safety related to common fire safety hazards in the home. The 2nd Grade student has an amazing capacity to remember details. This time may be used best by asking questions rather than lecturing the students.

Discussion Topics / Activity

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. Whats do you do when the alarm sounds?
 - a. Do you sleep with your door closed?
 - b. Feel door for heat
 - c. What are the two ways out?
 - i. Bedroom window?

- ii. Front Door?
 - iii. Back Door?
- d. Stay low
- e. Go to the meeting place
- 3. What happens to pets and toys?
- 4. 911
 - a. When do you use the number?
 - b. What needs to be provided?
 - i. Address
 - ii. Phone
 - iii. Problem (Police, Fire, EMS)

PRACTICAL

I. Fire Truck Show and Tell

Time: 10 Minutes

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

Activity Type: Group Activity

Purpose

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

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

Time: 1 Minute

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

Activity Type: Lecture

Purpose

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

1. Thank the students and teachers for their time and attention
2. Take a picture of the class
3. Provide take home material (Second graders are to be given 2nd grade coloring books)
4. When leaving you may want to show lights and sirens