

Fire Safety and Prevention With Firefighter Fran



A Virtual Learning Program Presented

by the FASNY Museum of Firefighting-Educator's Overview



Fire Safety and Prevention with Firefighter Fran

Join Firefighter Fran as she talks about fire safety and prevention and takes your class through her hazard house, teaches them about when to dial 9-1-1, when to stop, drop and roll and other fire safety and prevention concepts. Firefighter Fran finishes her program, which is filled with sound effects and fun, with a musical puppet show re-enforcing all of the concepts taught. For grades Pre-K to 3, meets NY State Learning Standards.

Standard met in this program include, but are not limited to:

Standard 1-Scientific Inquiry

Key idea 3.1f

Key Idea 4

4.1d

4.1f

4.1g

4.2

4.2b

NY English Language Arts Standards K-3

Pre K-k

1.1d

1.1f

1.1g

1.1h

Grade 1-2

1.1a

1.1d

1.1g

1.2a

1.2d

Grade 3

1.1a

1.1d

1.1g

1.1h

1.2a

1.2d

NY State Health, Home Economics Standards K-3

Pre K-k

Health- 2.1B

Home Economics-2.1b-2.1c-2.1h

Fire Safety Education: Investigating Fire Safety

This Virtual Learning Program is a part of the education program at the FASNY Museum of Firefighting. This program will help you and your students explore and learn about fire safety. The purpose of this learning program is to raise awareness and instill understanding of fire and burn prevention. By exploring the virtual learning segment, you can help your students better understand and come to know basic fire safety facts and burn prevention. With this knowledge your students will have a better understanding of the dangers of fire and a raised awareness about fire safety.

(For grades Pre-K-2 Duration: Approx. 40 minutes)

This Virtual Learning Program is broken down into the following themes. These are:

- Causes of Fire
- Home Fire Prevention
- Basic use of 911 for emergencies
- Stop Drop and Roll
- Crawl Low Under Smoke
- Fire Drill Practice

I. Causes of Fire

Key Concepts: Fire is very important, but fire can be very dangerous.

- Fire facts: To sustain a fire, oxygen, fuel and heat are needed. Controlling one or two of the three elements of fire can extinguish a fire or reduce the effects of fire and burns.
- What starts fires (candles, matches, fireworks and other fire tools)?

Overview of Activities: After an introduction and discussion of the necessary conditions for a fire to occur, students will develop an understanding of fire, and an appreciation for preventing fires from starting.

II. Home Fire Prevention

Key Concepts: Last year over 80 percent of all fire casualties happened at home. Many of our homes aren't equipped with the proper fire safety tools and prevention plans necessary to help stop fires from starting. Most home fires happen while we are sleeping which makes being properly prepared even more critical.

- What starts fires (candles, matches, and other fire tools)
- Tools vs. Toys
- Safety Tips on how to help prevent fires from starting at home by examining the Hazard House

Overview of Activities: After an introduction and discussion students develop an understanding that

the fuel for fires and oxygen are always present in our homes, so controlling heat is key for fire prevention.

III. Basic use of 911 for emergencies

Key Concepts: 911 is used to report emergencies that involve people only

- Which of the situations presented require calling 911 for emergency response

Overview of Activities: After an introduction and discussion students develop an understanding of evaluating situations and make determinations to use the 911 emergency system or use other options to resolve a problem.

IV. Stop, Drop, and Roll

Key Concept: Students learn the importance of not running and keeping others from doing so if clothing is on fire. When you stop drop and roll you are keeping oxygen from the fire, and the fire will go out.

- How to STOP! DROP! ROLL!

Overview of Activities: After an introduction and discussion students will become pro-active in emergency preparedness by using the steps of stop, drop and roll to extinguish fire on clothing.

V. Crawl low under smoke

Key Concept: Smoke can be poisonous and can damage eyes and lungs. Smoke rises and leaves a little crawl space near the floor in a burning room. Staying low in smoke while exiting saves lives.

- The dangers and behavior of smoke. Smoke can hurt as badly as fire can.

Overview of Activities: After an introduction and discussion students will increase their understanding of crawling under smoke as a life saving step during a fire in a smoke filled room.

VI. Fire Drill Practice

Key Concept: Having an escape plan for home and school is necessary and must be practiced. Remaining calm and moving quickly is foremost. It is necessary to have more than one way out in case one exit is blocked by fire. Having fire drill gives us practice what to do in a real emergency.

- Having fire drills helps us know if your escape plan works
- Learning how to tell if a closed door in your escape route is safe to open during a fire

Overview of Activities: After an introduction and discussion, the routine of practicing fire drills will be reinforced.

Assessment: Oral Evaluation

**Pre and Post Worksheets and Activities for the
Virtual Learning Program with
Firefighter Fran**

The Museum provides pre and post worksheets for the children to reinforce the material that they have learned or are going to learn about.

PLEASE NOTE: All materials and worksheets are provided by the Museum for EACH child. There is no copying required on your part: everything you need to administer the pre and post program activities will be sent to you at your school.