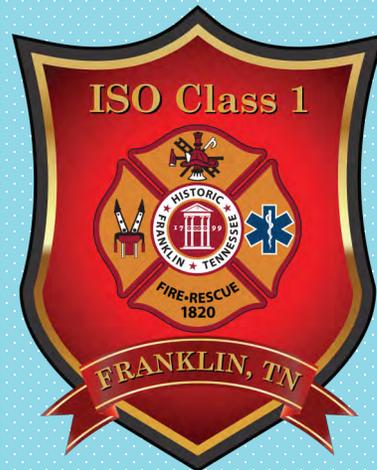




FRANKLIN FIRE DEPARTMENT

family

SAFETY HOUSE



Teacher & Parent Guide

Franklin Fire Department

Franklin, Tennessee

www.franklintn.gov/fire

FRANKLIN FIRE DEPARTMENT

family

SAFETY HOUSE

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Message from the Chief



Thank you for bringing the Franklin Fire Department's 1st grade Family Safety House program to your school. We truly appreciate the opportunity to teach your students how to be safe from fire.

Each year more than 3,400 Americans die, and approximately 17,500 are injured in fires—many of which could be prevented. Equally as troubling is the number of fires set by children.

According to the National Fire Protection Association (NFPA), between 2005 and 2009, an average of 56,300 child-playing fires were reported to U.S. municipal fire departments per year. These fires caused annual averages of 110 civilian deaths, 880 civilian injuries, and \$286 million in property damage. Youth firesetting impacts the City of Franklin, as well. Here are just a few examples:

- January 2009 – a teen boy playing with antiperspirant spray and a lighter in his bedroom ignited a house fire.
- July 2010 – a young girl was hospitalized with serious burn injuries resulting from playing with gasoline and matches with other children in the basement of her grandparents' home.
- January 2013 – a 6th grade girl who was playing with a candle ignited a townhouse fire that claimed the life of two pets and caused significant damage.
- August 2013 – A child was burned in a treehouse fire that started when he and another boy were playing with a lighter and charcoal lighter fluid.
- August 2014 – a teen boy playing with a firework inside his home lost part of his hand when it exploded while he was holding it.

Using NFPA's updated award-winning Learn Not to Burn curriculum, which has provided fire-safety messaging for children for more than 40 years, we educate children about the dangers of playing with fire, and help them understand what to do should a fire occur. You can learn more about our program at www.FranklinTN.gov/FamilySafetyHouse.

Thanks for your willingness to keep your students and our community safe.

Sincerely,



Rocky Garzarek

Fire Chief

rockyg@franklintn.gov

Fire Facts

Every day Americans experience the horror of fire. But most people don't understand fire. Only when we know the true nature of fire can we prepare ourselves and our families. Each year more than 3,400 Americans die and approximately 17,500 are injured in fires, many of which could be prevented.

The United States Fire Administration (USFA) believes that fire deaths can be reduced by teaching people the basic facts about fire. Below are some simple facts that explain the particular characteristics of fire.

Fire is FAST! There is little time!

In less than 30 seconds a small flame can get completely out of control and turn into a major fire. It only takes minutes for thick black smoke to fill a house. In minutes, a house can be engulfed in flames. Most deadly fires occur in the home when people are asleep. If you wake up to a fire, you won't have time to grab valuables because fire spreads too quickly and the smoke is too thick. There is only time to escape.

Fire is HOT! Heat is more threatening than flames.

A fire's heat alone can kill. Room temperatures in a fire can be 100 degrees at floor level and rise to 600 degrees at eye level. Inhaling this super-hot air will scorch your lungs. This heat can melt clothes to your skin. In five minutes a room can get so hot that everything in it ignites at once: this is called flashover.

Fire is DARK! Fire isn't bright, it's pitch black.

Fire starts bright, but quickly produces black smoke and complete darkness. If you wake up to a fire you may be blinded, disoriented and unable to find your way around the home you've lived in for years.

Fire is DEADLY! Smoke and toxic gases kill more people than flames do.

Fire uses up the oxygen you need and produces smoke and poisonous gases that kill. Breathing even small amounts of smoke and toxic gases can make you drowsy, disoriented and short of breath. The odorless, colorless fumes can lull you into a deep sleep before the flames reach your door. You may not wake up in time to escape.

Overview

The Franklin Fire Department's Family Safety House is a specially designed trailer that allows children to experience a fire-like situation in a home setting, and helps to teach them life-saving skills. Recommended for first grade students (ages six and seven), the Family Safety House has a living/kitchen area and a bedroom with the following features:



- 911 Simulator – A firefighter in the control booth answers 911 calls from children and helps them practice calling for help, giving their name, address and problem.



- In the kitchen/living area, children learn to spot common dangers such as matches/lighters, candles and a hot pan on a hot stove. They also learn the importance of working smoke alarms and practicing a family fire escape plan.



- In the bedroom, children learn the importance of knowing two ways out of every room, with the help of a heated door. When children feel the door is hot, they learn this means there may be fire on the other side, and they must use their second way out (the window).



- After learning fire safety lessons and home fire survival skills, the smoke alarm sounds and the room fills with nontoxic "smoke" (water-based, theatrical fog). Children practice crawling low under smoke and follow instructions to exit the Family Safety House safely.

- The escape route leads children outside where they gather at their Outside Meeting Place. Upon completion, children receive an Outside Meeting Place ribbon, a plastic fire helmet and more. They also get a chance to look at the fire engine and firefighting tools and gear!

Froggy's Fog a.k.a. "Smoke"

Purchased from Froggy's Fog, the "smoke" we use in our Family Safety House is the same water-based, theatrical fog you'll find in theaters, family entertainment centers, amusement parks, and haunted house attractions.

Froggy's Fog is made with de-ionized water and pharmaceutical grade chemicals, all approved by the FDA. There are two chemicals found in the Froggy's Fog smoke liquid:

1) Kosher glycerin greater than 99% pure and Food Grade USP*

- 100% vegetable-based glycerin
- Hundreds of uses including sweet food additive and multi-purpose skin care

2) Kosher propylene glycol greater than 99% pure and Food Grade USP*

- 100% pure propylene glycol
- Used in medicines, cosmetics, food, toothpaste, and industrial applications

These chemicals could trigger asthma symptoms for those who have respiratory problems. For this reason, anyone who has asthma or respiratory problems (child or adult) should not participate in the smoke portion of the presentation (they may still participate in everything else leading up to the smoke). We will help those individuals "escape" from the Family Safety House before we turn the smoke on.

You may view the Material Safety Data Sheet [here](#).

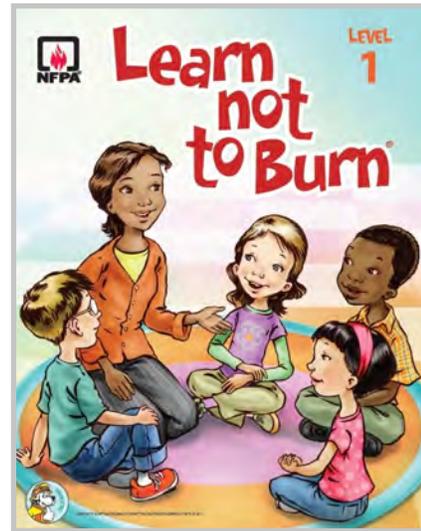
*United States Pharmacopeia

Curriculum

The Franklin Fire Department's Family Safety House curriculum is based on the National Fire Protection Association's *Learn Not to Burn* program for first grade students.

Learn Not To Burn has served as the pillar of NFPA educational programs for more than 40 years. The program reaches children using proven educational strategies that incorporate NFPA's philosophy of teaching positive, practical fire safety messaging.

Adhering to Learn Not to Burn guidelines, we present four key fire safety topics to Family Safety House participants:



1) Stay away from hot things

Children identify objects that are hot and how to be safe with them

2) Report an emergency

Children learn how to call 911 and report an emergency

3) Smoke alarms are important

Children learn to identify the sound of a smoke alarm and respond to it

4) Practice a fire drill

Children learn to:

- Crawl low under smoke
- Identify two ways out of every room
- Identify an Outside Meeting Place
- Get outside, stay outside

Family Fire Safety Tips

TOP 10 FAMILY FIRE SAFETY TIPS FROM THE U.S. FIRE ADMINISTRATION

1. In the event of a fire, remember time is the biggest enemy and every second counts! You may have as little as 90 seconds to escape.
2. Escape first, then call for help.
3. Develop a home fire escape plan and designate an **Outside Meeting Place***.
4. Make sure everyone in the family knows two ways to escape from every room.
5. Practice feeling your way out with your eyes closed.
6. Never stand up in a fire, always crawl low under the smoke and try to keep your mouth covered.
7. Never return to a burning building for any reason; it may cost you your life.
8. Having a working smoke alarm dramatically increases your chances of surviving a fire.
9. Practice a home escape plan frequently with your family.
10. Finally, if you're building a new home or renovating an existing one, consider residential fire sprinklers.

For more information about any of these tips, please visit the Franklin Fire Department's website at www.FranklinTN.gov/Fire.

***Your child will bring home an Outside Meeting Place ribbon for your family to tie around the place you will meet outside if there's a fire inside.**





Franklin Fire Department Family Safety House Waiver and Release of Liability

Dear Parent/Guardian(s)

The Franklin Fire Department will be teaching burn prevention and fire safety in class. This will include a tour of the Franklin Fire Department's Family Safety House on _____.

The Family Safety House is a mobile classroom that teaches children burn prevention and fire safety in a fun and safe way. The trailer is equipped with a kitchen, bedroom, and living room. It fills with a nontoxic, water-based "smoke" (theatrical fog) to teach children to "crawl low" to safety. A heated door helps children choose the right exit. An escape ladder is used to exit from the bedroom.

If your child suffers from asthma, other respiratory conditions or allergies that may be irritated by the nontoxic smoke, please indicate that below before allowing him/her to tour the trailer.

Note: All participants should wear pants/shorts and sturdy shoes the day of the tour.

For more information please visit www.FranklinTN.gov/FamilySafetyHouse or call 615-791-3270.

I hereby execute this Waiver and Release of Liability form on behalf of my child. I understand that the execution of said Waiver and Release of Liability form is in consideration of the privilege of touring the Family Safety House and receiving instruction on fire safety.

I further understand that by signing this Waiver and Release of Liability form, I have given up my ability to bring a claim or lawsuit against and I have released from any and all liability the City of Franklin, its departments, officers, and employees of liability for any physical injury or personal or property damage that may occur to my child during the course of or arising out of participation in the Family Safety House program.

Please check all that apply:

_____ My child, _____, may tour the Family Safety House.

_____ My child, _____, may NOT tour the Family Safety House.

_____ My child, _____, has an allergy or respiratory condition that may be irritated by the theatrical fog and should not be in the house during that part of the tour.

_____ I grant permission for my child to be photographed and/or videotaped during the Family Safety House presentation; and also grant permission for the photos/videos to be used in City of Franklin/Franklin Fire Department publications, media releases and social media communications.

Parent/Guardian's signature

Date



Departamento de Bomberos de Franklin
Casa de la Familia de Seguridad
Renuncia y Liberación de Responsabilidad

Estimado padre / tutor (s)

El Departamento de Bomberos de Franklin estará enseñando prevención de quemaduras y la seguridad contra incendios en clase. Esto incluirá un recorrido por la Casa de la Familia de Seguridad on _____ del Departamento de Bomberos de Franklin.

La Casa de la Familia de Seguridad es un aula móvil que enseña a los niños prevención de quemaduras y la seguridad contra incendios de una manera divertida y segura. El remolque está equipado con una cocina, dormitorio y sala de estar. Se llena de un humo no tóxico, a base de agua para enseñar a los niños a "arrastrarse bajo" para la seguridad en contra del humo. Una puerta climatizada ayuda a los niños elegir la salida correcta. Una escalera de escape se utiliza para salir de la habitación.

Si su hijo sufre de asma, otros problemas respiratorios o alergias que pueden ser irritados por el humo no tóxico, por favor indicar que a continuación antes de permitir que él / ella para recorrer el remolque.

Nota: Todos los participantes deben usar pantalones / pantalones cortos y zapatos resistentes al día de la gira.

Por la presente, ejecuto esta Renuncia y Liberación de forma Responsabilidad en nombre de mi hijo. Entiendo que la ejecución de dicho Renuncia y Liberación de Responsabilidad formulario está en consideración del privilegio de visitar la casa de la seguridad de la familia y recibir instrucciones sobre la seguridad contra incendios.

Además, entiendo que al firmar esta Renuncia y Liberación de forma Responsabilidad, he renunciado a mi capacidad para presentar una reclamación o demanda en contra y me he liberado de toda responsabilidad de la Ciudad de Franklin, sus departamentos, funcionarios y empleados de la responsabilidad por cualquier lesión física o daño personal o real que pueda ocurrir a mi hijo durante el curso de o como resultado de la participación en el programa en La Casa de seguridad de la Familia.

Por favor, marque todas las que correspondan:

_____ Mi niño, _____, puede visitar la Casa de Protección infantil.

_____ Mi niño, _____, no puede visitar la Casa de Protección infantil.

_____ Mi niño, _____, tiene una alergia o enfermedad respiratoria que puede ser irritado por la niebla teatral y no debe estar en la casa durante esa parte de la gira.

_____ Yo doy permiso para que mi hijo sea fotografiado y / o grabado en vídeo durante la presentación en La Casa de Seguridad de la Familia; y conceder permiso para la foto / vídeo para ser utilizado en la ciudad de Franklin / Departamento de Bomberos de Franklin, de publicaciones, comunicados de prensa y medios de comunicación social.

Padre / Guardian Fecha Firma