
Fire Safety:

It's a New Year: Are You Ready?

Instructor's Guide: Grades 7-9

www.tsag.net



**FIRST NATIONS
TECHNICAL SERVICES
ADVISORY GROUP INC**



Preface

The First Nations Technical Services Advisory Group Inc., (TSAG), provides technical services and training for First Nations in Alberta in Asset Management, Circuit Rider Training, Water and Wastewater Management, Environmental Management, Housing Support Services, Fire Safety, Rural Addressing, Information Technology Services, and Virtual Healthcare. As a third-party service provider, we are funded by Indigenous Services Canada (ISC), and the First Nations and Inuit Health Branch of Canada (FNIHB) to deliver these services.

TSAG's values are:

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| <i>Integrity:</i> | <i>We value honesty, trust, and confidentiality in our relationships and re committed to achieving excellence.</i> |
| <i>Accountability:</i> | <i>We accept responsibility for our actions and decisions.</i> |
| <i>Respect:</i> | <i>We will respect the rights of First Nations, our partners, and our employees.</i> |

These values are the foundation on which TSAG is built. We continually strive to create programming and build capacity within our First Nations to support our people today and expand to future generations. We welcome your feedback, hope that you utilize this information as lesson plans and share the knowledge with those around you.

Forward

Fire has always been an important symbol in First Nations Culture. It brings warmth, prepares food and water for safe consumption, acts as a defense against predatory animals and has a spiritual meaning. It can bring new growth, but it can also bring destruction and devastation. An element as important as this requires the utmost respect and care.

The TSAG Fire Keepers initiative was created in 2022 to continue to bring awareness and education to youth about the importance of Fire Safety in and around their home and community.

As your students learn about Fire and Fire Safety, we hope that they will continue to develop respect for fire and recognize the significance of this element to their family, community, and culture. It is with that sentiment that TSAG is honored to share these lessons with you.



Lesson Overview

This lesson begins by teaching about smoke and smoke detectors. It then instructs on what to do in the event of a fire and what to do if clothing catches fire. An in-depth look at home fire escape plans follows, with the students building their own plan including the placement of furniture to ensure a smooth exit plan. **Please note that this lesson is 60-70 minutes in length due to the late start of the program and the need to include teachings that build on previous concepts. It can be taught in two segments if necessary.**

Lesson Length

60-70 minutes

Materials Needed

- Computer with projector
- 11 X17 paper
- Markers
- TSAG PowerPoint

Lesson Preparation

- Review this lesson plan and PPT before the class.
- Preview the videos embedded in the PowerPoint slides to ensure your students will not be alarmed by them.

How to Make This Class Successful

Before Class

- Come prepared with examples from your own background/experience.
- Set up laptop and projector and make sure they are working properly.

During Class

- Be prepared to share your thoughts on various topics.
- Keep the class on track and focused on the issues.

After Class

- Write down your feedback on the lesson and submit it to TSAG.



Alberta Education Objectives:

This lesson aligns with Alberta Education's Program of Studies
Wellness Choices:

- **W-7.9** *identify basic workplace safety procedures*
- **W-8.8** *identify potentially unsafe situations in the community, and begin to develop strategies to reduce risk, e.g., dark parking lots, lack of railway crossing lights*
- **W-8.10** *develop strategies to effectively access health information and health services in the community, e.g., health hot line, family doctor, public health unit*
- **W-9.8** *develop strategies to promote harm reduction/risk management, e.g., differentiate between choosing personal challenges or acting impulsively, encourage others to evaluate risks*

Fire Safety: It's a New Year: Are You Ready?

Lesson Objectives:

Together, you and your students will:

1. State what to do in the event of a fire.
2. Describe what to do if their clothing catches fire.
3. Create a drawing of their fire escape plan from their homes demonstrating two ways out of every room in their house and where smoke detectors should be placed.
4. Analyse and suggest possible reorganization of the furniture in their house that would make a better fire emergency plan.
5. Explain what and how to report an emergency.
6. Explain what carbon monoxide poisoning is, and list the symptoms.
7. Describe the difference between smoke and carbon monoxide detectors.

Introduction	Check as you complete each task
<p>Topics to Discuss with your Class:</p> <ul style="list-style-type: none">• Today we are going to learn more about how to stay safe in a fire, but first let's see how much you remember from last month. <p>Ask the Class:</p> <ul style="list-style-type: none">• Where do most fires start in a home?• What are some common kitchen hazards?• What are some good safety rules when you have children in the kitchen?• What are some things you shouldn't be doing when you babysit?• What would you do if there was a fire when you were babysitting? <p>Topics to Discuss with your Class:</p> <ul style="list-style-type: none">• It is always best to practice prevention. However, sometimes accidents happen, and we need to know how to act in an emergency.	



Smoke and Smoke Detectors	15 mins
<p>Ask the class:</p> <ul style="list-style-type: none">➤ Would smoke from a fire be hot or cold?➤ What does hot air do? ✓ <i>It rises.</i>➤ If smoke rises, what is the best way to leave the premises so you don't inhale smoke and so you can see clearly? ✓ <i>stay low/crawl.</i> <p>Class Activity:</p> <ol style="list-style-type: none">1. Show the video embedded in the PowerPoint slide "What's So Dangerous About Smoke?" only to the 1:36 mark and discuss as per the speakers notes. <p>Topics to Discuss with your Class:</p> <ul style="list-style-type: none">• Remember, smoke contains toxic materials such as Carbon Dioxide, Carbon Monoxide, soot, Hydrogen Cyanide. You don't want to be breathing these toxins in. <p>Ask the Class:</p> <ul style="list-style-type: none">➤ Now that we know more about smoke and gases , what do you think is absolutely critical to have in your home ✓ <i>smoke detector</i> <p>Class Activity:</p> <ol style="list-style-type: none">1. Show the video " How Smoke Detectors Work" and discuss why they are necessary.2. Review the Smoke Detector checklist PowerPoint slide with the students. <p>Topics to Discuss with your Class:</p> <ul style="list-style-type: none">• We know that carbon monoxide can be present in the smoke in a fire, but it can also come from other sources such as water heaters, furnaces or boilers, fireplaces (gas and wood burning), gas stoves and ovens, motor vehicles, grills, generators, power tools, lawn equipment, wood stoves, tobacco smoke.• It is equally as important to have a carbon monoxide detector in your house. <p>Class Activity:</p> <ol style="list-style-type: none">1. Show the video embedded in the PowerPoint "Carbon Monoxide Poisoning: Everything You Need to Know" and discuss any questions the students have.	



What To Do If There Is A Fire	10 mins
<p>Ask the Class:</p> <ul style="list-style-type: none">➤ What should you do if there is a fire in your house? <p>Class Activity:</p> <ol style="list-style-type: none">1. Show the PowerPoint Slide #6 to show students what to do in a fire. <p>Topics to Discuss with your Class:</p> <ul style="list-style-type: none">• There are also some other things you should do.<ul style="list-style-type: none">○ You should yell fire to make sure everyone knows.○ If your bedroom door exit is blocked, put a towel or piece of clothing at the base of the door to prevent smoke from coming in.○ Exit through your window if this is the case. <p>Ask the Class:</p> <ul style="list-style-type: none">➤ What would you do if your clothing caught fire? <p>Class Activity:</p> <ol style="list-style-type: none">1. Show the PowerPoint Slide #7 and discuss each step of stop, drop, and roll as per the speakers notes. <p>Ask the Class:</p> <ul style="list-style-type: none">➤ Should you ever go back into a burning building? Why not?<ul style="list-style-type: none">✓ <i>You could get overcome with smoke, lose your way, inhale toxins, and die...</i>	
Fire Escape Planning	30 mins
<p>Class Activity:</p> <ol style="list-style-type: none">1. Show the PowerPoint slide #8 with statistics on home fires and ask the questions in the speakers notes.2. Show the video embedded in the PowerPoint slide "Every Second Counts in a Home Fire."3. Show the video embedded in the PowerPoint "Making a Fire Escape Plan" Note: please start at .37 seconds to avoid the introduction. Discuss as per Speakers notes in PowerPoint. <p>Topics to Discuss with your Class:</p> <ul style="list-style-type: none">• Part of fire prevention is planning for the unexpected-like obstacles in your way.	



<p>Ask the Class:</p> <ul style="list-style-type: none">➤ Imagine right now there is fire in your house in the daylight. Close your eyes and pretend you are in the living room. The smoke is heavy, and you need to crawl out. What obstacles would be in your way?➤ What does this tell us about how pathways to exits should be kept.➤ What does tell us about needing more than one exit from a room?➤ Now pretend you are in your room, and it is dark, and you need to escape. What obstacles would be in your way? Does the window open, is your room on the main story or second floor?➤ Why do you think it is important to practice a fire escape plan at night? <p>Class Activity:</p> <ol style="list-style-type: none">1. Show the PowerPoint slide with the sample house plan and discuss the exits. If this is projected onto a white board, you can draw the exit routes on the board. Please see speakers notes for other considerations.2. Show the PowerPoint slide on how to make a Home Fire Escape Plan.3. Ask the students to create their home fire escape plan and include a family meeting place.4. Ask students to insert smoke detectors on their plan (where they know they should be located).5. When they have finished ask them if they have considered where the furniture is placed. Is it placed so that it doesn't block doors or windows and instead it assists with home fire escape.	
Calling Emergency Services	5 mins
<p>Class Activity:</p> <ol style="list-style-type: none">1. Discuss the 911 or emergency services PowerPoint slide and the information that they will need.2. Remind the students to stay on the line until they are told to hang up.	
Concluding Activity	5 mins
<p>Ask the Class:</p> <ul style="list-style-type: none">➤ How do you exit a burning building?➤ What would you do if your clothing catches fire and why?➤ Why is it important to keep escape routes tidy?	



Take Home Activity	
<p>Topics to Discuss with your Class:</p> <ol style="list-style-type: none">1. Ask the students to share their fire escape plans with their parents. They must also speak to their parents about any furniture or large obstacles that should be moved to prevent any fatalities or injury in the event of a fire.	



Bibliography

Fire and Rescue NSW. (n.d.). *Home Fire Escape Plan Checklist*. Retrieved October 31, 2022, from <https://www.fire.nsw.gov.au/page.php?id=291>

National Fire Protection Association. (n.d.). *Home Fire Escape Checklist*. Retrieved October 31, 2022, from <https://www.nfpa.org/~media/files/public-education/by-topic/escape/checklist.pdf?la=en>

Nationwide Children's Hospital. (n.d.). *Home Fire Drill: Have You Practiced with Your Family? Make Safe Happen*. Retrieved September 27, 2022, from <https://makesafehappen.com/articles/family-fire-escape-planning>

Prevention1st. (n.d.). *Before the Fire: Prevention Works! Fire Safety Lesson Plans for Grades PreK-8*. Retrieved August 24, 2022, from <https://prevention1st.org/wp-content/uploads/2016/07/Before-The-Fire-Prevention-Works-1.pdf>

Texas State Fire Marshal's Office. (2011c). *Fourth Grade – Fire Safety: Stop the Heat*. Texas Department of Insurance. <https://www.tdi.texas.gov/pubs/sfmo/fmcurrguide4.pdf>

Texas State Fire Marshal's Office. (2011a). *Fifth Grade – Charged Up For Fire Safety*. Texas Department of Insurance. <https://www.tdi.texas.gov/pubs/sfmo/fmcurrguide5.pdf>

Texas State Fire Marshal's Office. (2011f). *Sixth Grade – Fire Safety Power*. Texas Department of Insurance. <https://www.tdi.texas.gov/pubs/sfmo/fmcurrguide6.pdf>

U.S. Department of Homeland Security. (n.d.). *Practice Your Home Fire Escape Plan*. Ready.gov. Retrieved September 27, 2022, from <https://www.ready.gov/home-fire-escape-plan>