
Fire Safety: Fire Facts

Instructor's Guide: Grade 2-3

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:

<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 discussing the Fire triangle and how fires can be put out by removing one element of the triangle. It moves into defining the terms combustible, explosive and flammable, and providing examples of each, as well as appropriate storage for them. Lastly, the lesson discusses the dangers of smoke.

Lesson Length:

30 minutes

Materials Needed:

- Computer with projector/screen
- TSAG PowerPoint
- TSAG Fire Keeper Stickers
- Student booklets
- Letter to Parents

Lesson Preparation:

- Ensure you have enough copies of the student booklet
- Review this lesson plan and PPT before the class.
- **Please note that the video embedded in the PowerPoint slide does discuss that smoke from a fire can kill you.**
- Preview the videos embedded in the PowerPoint slides to ensure your students will not be alarmed by them.

How to Make This Lesson 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.
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Alberta Education Objectives:

This lesson aligns with Alberta Education's Program of Studies
Science Objectives

- **2-9 Recognize the effects of heating and cooling and identify methods for heating and cooling.**
 - Describe temperature in relative terms, using expressions, such as hotter than, colder than.
 - Describe how heating and cooling materials can often change them, e.g., melting and freezing, cooking, burning.
 - Identify safe practices for handling hot and cold materials and for avoiding potential dangers from heat sources.

<https://www.learnalberta.ca/ProgramOfStudy.aspx?lang=en&ProgramId=3799>



Fire Safety: Fire Facts

Lesson Objectives:

Together, you and your students will:

1. Describe the elements of a fire triangle.
2. Explain how a fire can be put out by controlling or removing one of the elements.
3. List 2 examples of flammable/combustible items and 2 examples of compressed gases.
4. Discuss where to store flammable objects.
5. Explain why smoke is dangerous for humans and animals.

Introduction	Check as you complete each task
Let's Begin: Teacher Introduction to Fire Safety: <ul style="list-style-type: none"> Over the next several months we are going to be learning about Fire Safety. We do this so that you can learn how stay safe. Today we are going to talk about fire and learning some facts about fire. 	
The Fire Triangle	
Ask the class: <ul style="list-style-type: none"> Does anyone know what a fire needs to grow? Class Activity: <ol style="list-style-type: none"> Show the PowerPoint slide on the Fire Triangle and discuss according to notes. <i>Please Note: when you click anywhere on the slide the "fuel" part of the triangle will disappear.</i> 	
Combustible and Flammable Fuels	
Ask the class: <ul style="list-style-type: none"> What is fuel? ✓ <i>things that burn or make fire</i> Can you give me examples of fuel? Class Activity: <ol style="list-style-type: none"> Review the PowerPoint slides on, combustible, flammable, and compressed gases, and discuss according to the speakers notes. 	

Why is smoke dangerous?	
<p>Ask the class:</p> <ul style="list-style-type: none"> ➤ If any of the types of fuel we just talked about caught fire, do you think the smoke would be good for you ✓ <i>All smoke is dangerous to breathe into our systems because it has chemicals in it, but some are worse than others</i> <p>Class Activity:</p> <ol style="list-style-type: none"> 1. Show the video embedded in the PowerPoint to the 4:55 mark only. 	
Concluding Activity	
<p>Ask the Class:</p> <ul style="list-style-type: none"> ➤ Who can tell me the 3 things a fire needs to be a fire? ➤ What happens if you take one of the elements away? ➤ What does flammable mean? ➤ What are some examples of flammable, compressed gases and combustibles? <p>Class Activity:</p> <ol style="list-style-type: none"> 1. Ask the children to complete the activity on page 3 of their booklet. 	
Take Home Activity	
<ol style="list-style-type: none"> 1. Ask the students to look for 3 flammable items in their house and tell their parents why they are flammable and how they could be stored. 2. Upon check-in the following morning, students should be awarded with a TFK sticker to be placed in their booklet. 	



Bibliography

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