
Fire Safety: Fire Facts

Instructor's Guide: K-1

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:

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

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 all the ways we use heat and fire in and around our homes and how these sources of heat can be hurtful or helpful. It then instructs on how to treat items that are hot.

Lesson Length:

20-30 minutes

Materials Needed:

- Letter to Parents
- Electrical and Fire cards (attached to the end of this lesson)
- Computer with projector
- Sticky tack or tape
- TSAG Fire Keeper Stickers
- Set of 24 Heat Flashcards (must be downloaded)
- TSAG PowerPoint
- 1"X 5"- long strips of paper made from orange, red and yellow construction paper (one of each color for each child)
- Glue
- Blackboard/whiteboard

Lesson Preparation:

- Review this lesson plan and PPT before the class.
- Create a triangle made from 3 strips of paper (red, orange, and yellow) and write Air, Fuel and Heat (one on each side).
- Make enough copies of the letter to the parents to send home with the children.
- Print off the set of 24 flashcards (double sided as some have questions on the back)

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 Kindergarten Program Statement: Citizenship and Identity: Environment and Community Awareness and the following specific learner expectations:

- *becomes aware of the five senses and how they are used to explore, investigate, and describe the world*
- *demonstrates awareness of the properties of objects and events in the environment, by: – describing some properties – sorting objects according to common properties, e.g., colour, size, shape, and texture – arranging objects or events in logical order – matching objects or events as being the same as or going together – distinguishing between similar objects, based on one or more characteristics*
- *becomes aware of the relationship between cause and effect*

<https://open.alberta.ca/dataset/931076c3-0fa2-47e8-96cf-53d7371a354f/resource/70c79133-a66a-48ea-a423-fcbeab021283/download/4270152-2008-kindergarten-program-statement.pdf>

This lesson aligns with Alberta Education's Grade 1 Program of Studies Wellness Choices and Science Inquiry:

Wellness

- **W-1.8** *determine reasons for and apply safety rules at home and at school, e.g., demonstrate fire safety behaviours*

Science Inquiry

Focus:

- *ask questions that lead to exploration and investigation*
- *predict what they think will happen or what they might find*

Explore and Investigate:

- *manipulate materials and make observations that are relevant to questions asked*
- *identify materials used*
- *recognize and describe steps followed, based on independent activity, on directed activity and on observing the activity of others*

Reflect and Interpret:

- *describe what was observed, using pictures and oral language*
- *identify questions being investigated and identify what was learned about each question*
- *identify new questions that arise from what was learned.*

<https://www.learnalberta.ca/ProgramOfStudy.aspx?lang=en&ProgramId=379983#>



Fire Safety: Fire Facts

Lesson Objectives:

Together, you and your students will:

1. Discuss how we use fire and heat.
2. Identify the difference between helpful and hurtful fires.
3. Explain when heat and fire can be dangerous.
4. Describe the 3 elements of a fire triangle.
5. Recognizes hot and cold symbols on taps.

Introduction	Check as you complete each task
<p>Let's Begin: Teacher Introduction to Fire Safety:</p> <ul style="list-style-type: none"> Over the next several months we are going to learn about fire safety. We do this so that you can learn how stay safe. Today we are going to talk about the things we use heat and fire for and some of the dangers we need to be aware of. We are also going to learn about how fire works. <p>Ask the class:</p> <ul style="list-style-type: none"> ➤ What are some things that make heat or get hot in your house? (write these on the board) <p>Topics to Discuss with your Class:</p> <ul style="list-style-type: none"> Some of these things use electricity and others use fire to make heat. 	
Types of Heat	
<p>Class Activity:</p> <ol style="list-style-type: none"> Draw a vertical line on the chalkboard and on one side write Electrical Heat (things that plug in) and on the other Fire Heat. Stick the extension cord and fire cards beside the appropriate heading. Show the children each flashcard and ask them to help you separate the flashcards into electrical heat verses fire heat. (use the sticky tack or tape to put them under the correct column). As you move through the cards ask any questions on the back of the card. 	



4. When you have gone through all of the cards, discuss the following questions with your students.

Ask the Class:

- Are all the types of heat that you see here helpful types of fire and heat? (*Heat can be helpful or hurtful depending on how it is used.*)
- Which ones might hurtful?
- Should you ever use any of these types of heat without an adult?
- What could happen if you touched one of these types of heat?
 - ✓ *You could get burned, you could upset it and start a fire*
- When can fires and hot things be dangerous?
 - ✓ *When no one is watching them*
- What can happen if no one is watching?
 - ✓ *Fires can start, someone could get burned*
- What should you do if you see something hot?
 - ✓ *Stay away*

Class Activity:

1. Play the video embedded in the PowerPoint slide “Hot, Not Hot or Sometimes Hot”. You can stop it after each item is presented and ask the children to shout out their answer, then press play to see if they guessed correctly.

Topics to Discuss with your Class:

- There is one more type of heat that we haven’t talked about that can also hurt you or help you. It can be found in your kitchen and bathroom.

Ask the Class:

- Can you guess what it is?
 - ✓ *Hot water*
- What can happen if you touch water that is too hot?
 - ✓ *You can get scalded-a type of burn*
- How do you know what tap is hot and what tap is cold?

Class Activity:

1. Show the PowerPoint slides 3-4 and discuss the comments or questions in the speaker’s notes.

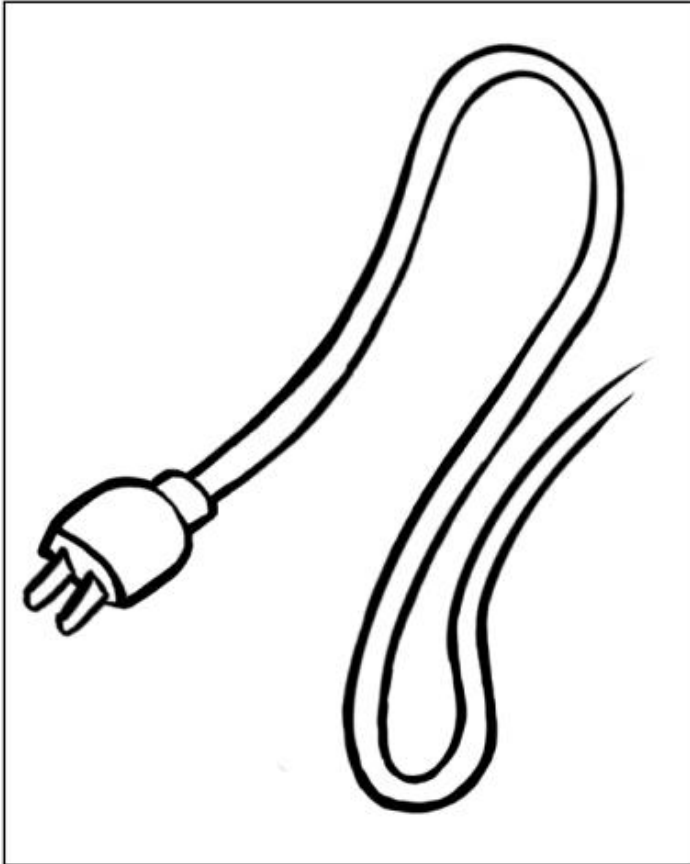
Ask the Class:

- We just talked about hot things; do you have any additional questions?



The Fire Triangle	
<p>Ask the Class:</p> <ul style="list-style-type: none"> • What do you think a fire needs in order to grow? <p>Class Activity:</p> <ol style="list-style-type: none"> 1. Show the PowerPoint slide #5 and discuss the comments or questions in the speaker's notes. 	
Concluding Activity	
<p>Topic Review:</p> <ul style="list-style-type: none"> • Fire can be good or bad. It can help us, or it can hurt us. • There are two types of heat: electrical and fire and both can cause burns and fires. • You need to think before touching any one of them so you can avoid getting burned. • To keep burning a fire needs 3 things: oxygen, fuel, and heat. If you take one thing away, a fire will go out. <p>Class Activity:</p> <ol style="list-style-type: none"> 1. Hold up the triangle that you made out of paper and review the words written on it. 2. Ask the children to make their own fire triangles from the three colors of construction paper and label them. 	
Take Home Activity	
<ol style="list-style-type: none"> 1. Give the children the letter to their parents. 2. Ask the children to find 3 items in their house that are hot and could be hurtful. 3. When they return in the morning, distribute TFK stickers to those that report what they found. 	





Bibliography

Coates, K., Johnson, J., Napier, M., & White, S. (2007). *Fire Safety for Young Children*.

International Fire Service Training Association.

<https://www.ifsta.org/sites/default/files/fire%20safety%20for%20young%20children%20curriculum.pdf>

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. (2011b). *First Grade – Fire Safety: Any Time, Any Place*.

Texas Department of Insurance.

<https://www.tdi.texas.gov/pubs/sfmo/fmcurrguide1.pdf>

Texas State Fire Marshal's Office. (2011d). *Kindergarten – Fire Safe Together*.

Texas Department of Insurance.

<https://www.tdi.texas.gov/pubs/sfmo/fmcurrguideK.pdf>

