

Objective

By the end of this lesson, the student will understand the basic concepts of fire safety, the history of fire use by humans, and the math involved in measuring distances for safe fire building. The student will also engage in physical activities related to fire safety and science experiments to observe how fire works.

Materials and Prep

- Open space for activities
- Basic understanding of fire safety rules
- Knowledge of local fire regulations (if applicable)
- Parent or guardian supervision

Activities

• Fire Safety Talk:

Start with a discussion about fire safety. Talk about why fire can be dangerous and what we need to do to stay safe around it. This will help the student understand the importance of being careful.

• History of Fire:

Share a fun story about how people used fire long ago. Discuss how it helped them cook food, stay warm, and protect themselves. This will help the student appreciate the significance of fire in human history.

• Measurement Game:

Use a simple measuring tape to measure distances where a fire could be built safely. This will involve basic math skills and help the student understand how to measure space around a fire.

• Fire Experiment:

Conduct a safe science experiment, like observing how a candle flame behaves in different positions. This will help the student see how fire works and discuss the science behind it.

• Physical Education - Fire Drill:

Practice a fire drill by creating a safe exit plan. This will get the student moving and teach them how to react in case of an emergency.

Talking Points

- "Fire can be very helpful, but it can also be very dangerous! We need to be careful and know the rules."
- "Did you know that people have been using fire for thousands of years? It helped them cook food and keep warm!"
- "When we build a fire, we need to make sure it's far away from things that can catch fire, like trees or tents. Can you help me measure how far that is?"
- "Look at how the candle flame dances! It needs air to burn, and that's why it flickers!"
- "If there's ever a fire, we need to know how to get out safely. Let's practice our fire drill together!"