

Potential Integration:
ELA; Science

Health
1.PCH.3.1 Identify safety hazards in the home and injury prevention strategies.
1.PCH.3.3 Execute the Stop, Drop, and Roll response.

Materials Needed:

- Match
- Jar
- Glass dish or pie pan
- Book - Stop Drop and Roll by Margery Cuyler (ISBN-13: 9780689843556)
- Appendix 1, House
- Gymnastic mat, yoga, or nap mat

Focus Step:

Contact a building administration in advance to make sure this experiment is allowed.

Place a burning match on a glass dish or pan and cover the match with a clear glass jar. Ask the students what they think will happen next. Watch as the match extinguishes and ask students why that happened. How did the fire burn out when no one touched it or put water on it? Explain that the jar cut off the oxygen supply for the fire and a fire has to have oxygen to burn. Today’s lesson will focus on how to prevent fires and how to respond to fire emergencies if needed.

Statement of Objectives:

After today’s lesson, you will be able to describe injury prevention strategies, identify safety hazards, and successfully demonstrate the stop, drop, and roll response.

Teacher Input:

Use the book Stop, Drop, and Roll to identify safety hazards in the home and strategies to prevent injury. In addition, this book presents the Stop, Drop, and Roll response using a humorous but efficient method. Little Jessica learns fire safety prevention at school and analyzes her own home to look for safety hazards and implement prevention strategies, all the while trying to remember the Stop, Drop, and Roll response. As the teacher shares this book point out each safety hazard and prevention strategy.

Have students recall key messages for fire safety and injury prevention from the book:

- Install smoke alarms and check the batteries each year.
- Never play with matches
- Never leave a hot oven or stove top unattended.
- Move pot handles away from the edge of the stove.
- Have a fire extinguisher in the kitchen in case of an emergency.
- Avoid plugging several appliances into the same electrical socket.
- Do not use extension cords for a cooking appliance.

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- Create a fire escape plan from different rooms in the house and practice the fire escape plan as a family.
- If a home or building catches fire, stay low to the ground because smoke rises and touch the door or doorknob to see if it is hot before opening a door. Move to the closest door or window on the first floor (if you live in an apartment building – pull the fire alarm).
- Have a designated meeting place outside of your home where the family will meet if they have to leave the house because of a fire emergency.
- If your clothes catch on fire – stop right where you are, drop to the ground, roll over and over to put the fire out (rolling on the ground removes the oxygen which extinguishes the fire – remind students not to run which will provide more oxygen and make the fire burn hotter).

Assessment:

Provide the handout with the four rooms (House, Appendix A) and have students draw two or three potential hazards that might occur in each room. Upon completion have each student provide one example of a hazard and how they could prevent it. Ask if they can identify two escape routes.

Use a gymnastics, yoga, or napping map for students to practice the stop, drop, and roll technique. Provide feedback as needed.

Closure:

Today you learned how to identify safety hazards and use injury prevention strategies your homes. You also created fire escape plans for your homes and practiced the stop, drop, and roll technique. All of these skills can help to keep you and your family safe in case of a fire.

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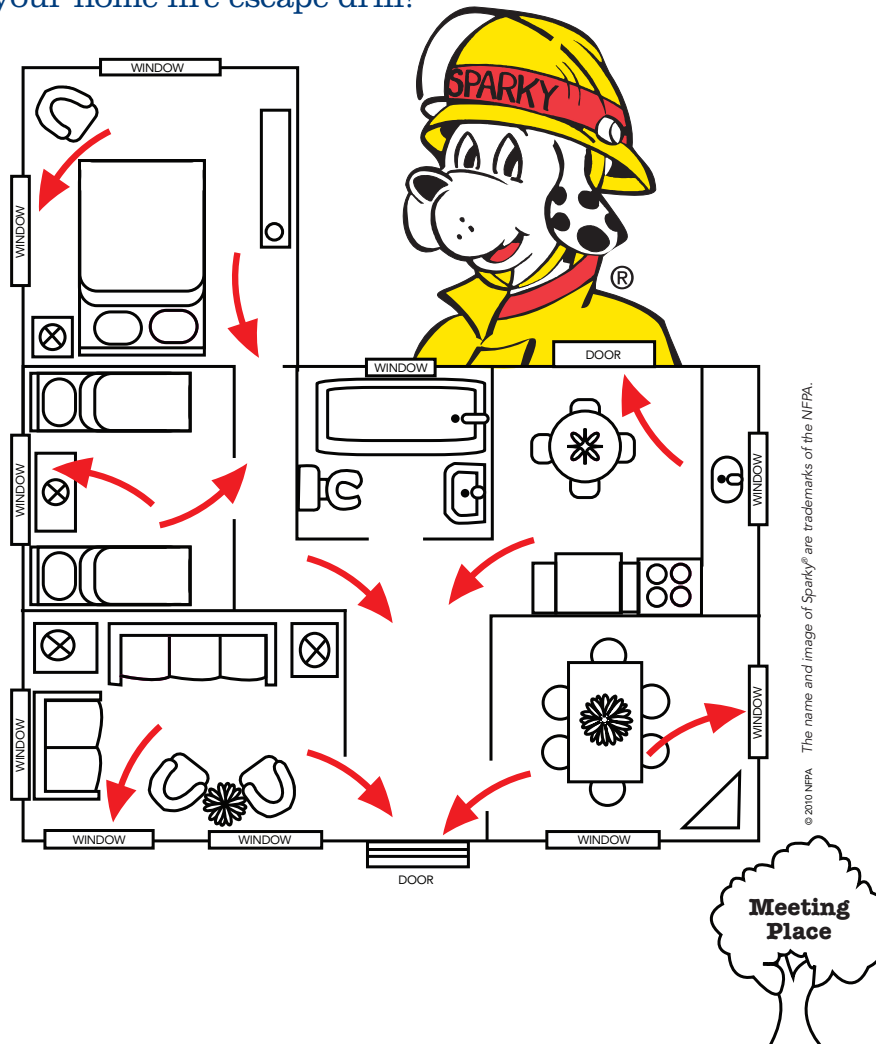
Draw two or three potential hazards that might occur in each room.
Identify two escape routes.

<p style="text-align: center;">Bathroom</p>	<p style="text-align: center;">Bedroom</p>
<p style="text-align: center;">Living Room</p>	<p style="text-align: center;">Kitchen</p>



How to Make a Home Fire Escape Plan

- Draw a map of your home. Show all doors and windows.
- Visit each room. Find two ways out.
- All windows and doors should open easily. You should be able to use them to get outside.
- Make sure your home has smoke alarms. Push the test button to make sure each alarm is working.
- Pick a meeting place outside. It should be in front of your home. Everyone will meet at the meeting place.
- Make sure your house or building number can be seen from the street.
- Talk about your plan with everyone in your home.
- Learn the emergency phone number for your fire department.
- Practice your home fire escape drill!



- Make your own home fire escape plan on the back of this paper.

— Keeping Your Community Safe with Home Fire Escape Drills —

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