

Safety Smart® Science with Bill Nye the Science Guy: FIRE

Safety Smart Quiz

True or False? Circle T or F

1. A metal pan is not a good conductor of heat.	T	F
2. The shape of a candle flame in space is a teardrop.	T	F
3. Liquid and solid fuel must become a gas in order to burn.	T	F
4. Heat rises.	T	F
5. A fire escape plan should identify two exits for every room.	T	F
6. Smoke stays low.	T	F
7. Heat, fuel, and oxygen are three parts of the fire triangle.	T	F

Multiple Choice: Circle the letter of the best answer

8. An example of radiated heat is:
- heating a hot dog on a frying pan
 - the sun's rays reaching our skin
 - toasting marshmallows over a fire
 - cooking a hot dog in boiling water
9. Smoke fills a room:
- Bottom up
 - Evenly
 - Top down
 - Left to right
10. Which of the following demonstrates a way to put out a fire?
- pouring water over it
 - spreading out the fuel
 - removing the oxygen
 - all of the above

Safety Smart is an initiative aimed at improving the awareness and understanding of children ages 4-14 in safety and in managing themselves and their surroundings as safely as possible—by conscious action, not chance. Toward that end, Underwriters Laboratories, UL, produces multimedia public service announcements; arranges for Safety Ambassadors' visits for children to learn from professional safety experts; hosts field trips to its laboratories, where students see safety engineers at work and participate in their own hands-on safety experiments; regularly takes a public stance on emerging safety issues, especially regarding products that may pose a risk to consumers; and supports the development of its youth safety education programs. Through its efforts, Safety Smart cultivates safety awareness, provides opportunities for children to learn and practice safe behaviors, and helps children learn to make more informed safety choices today and in the future.

Do your part!
Be **Safety Smart!**



For more Safety Smart Science visit
ULSafetySmart.com.



Safety Smart Science
With Bill Nye the Science Guy®: Fire
Now Available on DVD
Visit SafetySmartDVD.com for more information.