



Northwestern Youth Fire Intervention
Response, Education and Safety Partnership

A Community Response to Youth-Set Fires

Youth Fire Knowledge

Name: _____ Date: _____ Pre: _____ Post: _____

Directions: Please circle the best answer each multiple choice question.

1. The four elements of the fire tetrahedron are:
 - a. Ignition, fuel, air, and plastic
 - b. Carbon, smoke, heat, and oil
 - c. Heat, fuel, oxygen, and chemical chain reaction
 - d. Smoke, heat, light, and wood

2. Which of the following toxic gases are produced in most home fires:
 - a. Hydrogen cyanide
 - b. Hydrogen sulfide
 - c. Carbon monoxide
 - d. All of the above
 - e. None of the above

3. How can I detect carbon monoxide in my home?
 - a. Smells like rotten eggs
 - b. You can taste something funny
 - c. You see a blue mist
 - d. Only a carbon monoxide detector can detect its presence

4. What is the first priority of any firefighter?
 - a. Put out the fire
 - b. Life safety
 - c. Protect property
 - d. Follow orders from the Chief

5. The cause of most fatal home fires is:
 - a. Smoking - related
 - b. Cooking - related
 - c. Heating - related
 - d. Electrical

6. **One of your friends shows you a lighter that he found and asks you to burn some sticks with him after school. What should you do?**
- Go along with him but let him be the one to light everything on fire
 - Tell him you have other plans and don't go with him
 - Tell a responsible adult
 - Both B and C
7. **How should you treat a 1st degree burn?**
- Use butter and wrap tightly
 - Use ice and cover with plastic
 - Run warm water over the area to bring the temperature down slowly
 - Cool the area with cool water (not cold) for 15 minutes and wrap in a clean, dry dressing
8. **How often should the batteries be changed in a smoke detector?**
- Every third month
 - Twice a year at daylight savings time in the spring and fall
 - When you change the smoke detectors
 - Only when they start beeping
9. **What is important to have in your fire escape plan?**
- A meeting place outside of the home
 - Two ways of getting out of your home
 - A door you can go back into during a fire if you forgot something
 - Both A and B
10. **Stop, Drop and Roll applies to which of the following:**
- You are playing around with your friends
 - You are teaching your dog new tricks
 - You walk too close to a stove burner and your sleeve catches on fire
 - None of the above
11. **What does EDITH stand for?**
- Each day is too hard
 - The name of the first fire dog
 - Exit drills in the house
 - Mrs. Smokey the Bear
12. _____ is the crime of intentionally and maliciously setting fire to buildings, wild land areas, vehicles or other property with the intent to cause damage.
- Arson
 - Truancy
 - Larceny
 - Battery

- 13. Where do most home fires start?**
 - a. Boiler room
 - b. Living room
 - c. Kitchen
 - d. Bedroom

- 14. When arson is committed by a minor, who is financially responsible for the damages?**
 - a. The property owner
 - b. The fire department
 - c. The neighbors
 - d. The parents/guardians of the arsonist

- 15. What should you do if you find a lighter or matches?**
 - a. Don't touch them and let a responsible adult know immediately
 - b. Pick them up and put them in your pocket
 - c. Throw them in the closest trash can
 - d. Call 911

- 16. It's okay to store gasoline in the basement of your home if it is in an approved container.**
 - a. True
 - b. False

- 17. One third of all smoke detectors in the U.S. are not operational.**
 - a. True
 - b. False

- 18. You should sleep with your bedroom door open to hear your smoke alarm at night.**
 - a. True
 - b. False

- 19. The majority of all fires could be easily prevented.**
 - a. True
 - b. False

- 20. A false alarm will tie up a fire engine for an average of 28 minutes.**
 - a. True
 - b. False

Key

1. C

2. D

3. D

4. B

5. A

6. D

7. D

8. B

9. D

10. C

11. C

12. A

13. C

14. D

15. A

16. B

17. A

18. B

19. A

20. A