



BOY SCOUTS OF AMERICA
Troop 146
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First Class Requirement 5c2

"Describe ... hazardous weather ... and the appropriate actions to take."

Name

LIGHTNING

The Scout handbook says, "There is no completely safe spot outdoors during a lightning storm. Seek shelter indoors, even if inside a vehicle."

1. Actually, a car is a pretty good place to shelter during a lightning storm. Why is this true? What's the science?

2. The best place to shelter is inside a building that has a lightning rod attached to the roof (thank Ben Franklin for this one). Why is this true? What's the science?

3. Huddling near a tall tree -- or a tall anything -- is dangerous. Why is this true? What's the science?

4. If you're outside and exposed to the elements, the expert advice is to squat like a baseball catcher. Why is this true? What's the science?

HURRICANE

FEMA (The Federal Emergency Management Agency) has good advice for hurricanes that comes in three parts:

- 1. **Now**/Prepare
- 2. **During**/Survive
- 3. **After**/Be Safe

5. Prepare in case you have to evacuate from your home by packing a "go bag." Name some items that ought to be packed.

6. You probably forgot to add "documentation" to your "go bag". Name some documents and records that would be sorely missed if your home were to be trashed by a hurricane.

7. When there's a hurricane blowing outside and you're inside, some indoor locations are better than others:

Windows: Stay close or stay away from? _____
Which floor: Top floor or bottom floor? _____
Which room: Interior room or exterior room? _____

8. If you're outside and driving during or after a hurricane, what's the risk of driving on a flooded road?

9. If you're outside and walking during or after a hurricane, what's the risk of walking through water?

10. If you return home from someplace safe after a hurricane is over, when does it become okay to reenter a damaged building?

11. After a hurricane is over, when does it become okay to cook with or drink tap water from the faucet?

12. A hurricane will cause damage in the street, such as downed trees or poles. What kind of downed item might be really dangerous?

FLOOD

FEMA (The Federal Emergency Management Agency) has good advice for floods that they call "The five Ps of Evacuation," reprinted on the last page of this quiz. Refer to that page when you answer these questions.

13. **EVACUATING PEOPLE:** Actually, not just people. What else falls into this category?

14. **EVACUATING WITH PRESCRIPTIONS:** Actually, not just written prescriptions. What else falls into this category?

15. **EVACUATING WITH PAPER:** Actually, not just documents written on paper. What else falls into this category?

16. **EVACUATING WITH PERSONAL NEEDS:** Clothing and cash are obvious things to take with you. What else falls into this category?

17. **EVACUATING WITH PRICELESS ITEMS:** Name something that your family considers priceless and will make every effort to keep safe

PEOPLE	PRESCRIPTIONS	PAPERS
People and, if safely possible, pets and other animals or livestock	Prescriptions, with dosages; medicines; medical equipment; batteries or power cords; eyeglasses; and hearing aids	Papers, including important documents (hard copies and/or electronic copies saved on external hard drives or portable thumb drives)

PERSONAL NEEDS	PRICELESS ITEMS
Personal needs, such as clothes, food, water, first aid kit, cash, phones and chargers; and items for people with disabilities and others with access and/or functional needs such as older adults, children, and those with Limited English Proficiency	Priceless items, including pictures, irreplaceable mementos, and other valuables