

Weatherwise Safety Plans

Read how people reduce risk from hazardous weather and sun exposure.

SC.6.E.7.8 "Describe ways human beings protect themselves from hazardous weather and sun exposure."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline every action people can take to stay safe. Write W beside weather-protection actions and S beside sun-protection actions.

Planning for Outdoor Hazards

- ① Weather alerts help people decide when to act. A thunderstorm watch means conditions could produce severe storms, so families should check forecasts and prepare a safe place. A warning means hazardous weather is happening or expected very soon. During lightning, people should move into a substantial building or a hard-topped vehicle, not stay in an open field, under a tree, or in a small shelter. Indoors, they should avoid corded phones, plumbing, and windows until the danger passes.
- ② Sunlight contains ultraviolet, or UV, radiation. Too much UV can damage skin and eyes, even on cool or cloudy days. Before spending time outside, people can check the UV Index and plan protection. They can wear a wide-brimmed hat, UV-blocking sunglasses, and clothing that covers skin. Broad-spectrum sunscreen protects against UVA and UVB rays. Apply it as directed, and reapply it after swimming, sweating, or the time listed on the label. Shade lowers exposure, especially near midday.
- ③ Protection plans work best when they match the hazard. For a hurricane, people can listen to official instructions, bring loose outdoor items inside, and go to an evacuation area or sturdy shelter when told. For extreme heat, they can drink water, rest in air-conditioned places, and limit hard activity during the hottest part of the day. Adults should make plans for children, older adults, pets, and people who need medicine or equipment. These steps reduce risk before, during, and after dangerous conditions.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 What is the difference between a thunderstorm watch and a thunderstorm warning?

2 Where should a person move during lightning? Name two safe places from the passage.

3 Name two ways people can protect their skin or eyes from UV radiation.

4 List two actions that help protect people during extreme heat.

3 YOUR TURN _____ Your own words

Create a four-sentence safety plan for an outdoor soccer event with a high UV Index and thunderstorms in the forecast. Include two sun-protection actions, what to do if a thunderstorm warning is issued, and one way organizers can support people who need extra help.

PART 1 • READ AND MARK

Underline every action people can take to stay safe. Write W beside weather-protection actions and S beside sun-protection actions. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What is the difference between a thunderstorm watch and a thunderstorm warning?	A watch means conditions could produce severe storms. A warning means hazardous weather is happening or expected very soon.
2	Where should a person move during lightning? Name two safe places from the passage.	A substantial building and a hard-topped vehicle.
3	Name two ways people can protect their skin or eyes from UV radiation.	Answers may include wearing a wide-brimmed hat, UV-blocking sunglasses, clothing that covers skin, broad-spectrum sunscreen, or using shade.
4	List two actions that help protect people during extreme heat.	Answers may include drinking water, resting in air-conditioned places, and limiting hard activity during the hottest part of the day.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Before the soccer event, I will wear a wide-brimmed hat and apply broad-spectrum sunscreen as directed. I will use shade during breaks to lower my UV exposure. If a thunderstorm warning is issued, I will move into the school building. Organizers will check whether anyone needs medicine, equipment, or other support.

Accept equivalent protective actions stated in the passage. For the open response, check for two sun actions, an appropriate response to a warning, and a realistic support action for people with extra needs.