

Name :

What is a Wildfire?

A wildfire is an uncontrolled fire that spreads rapidly across forests, grasslands, or other natural areas. Wildfires can start naturally, usually due to lightning strikes, or by human activities such as unattended campfires, discarded cigarettes, or arson. They can destroy homes, wildlife habitats, and entire ecosystems.

Wildfires spread quickly because of dry conditions, high temperatures, and strong winds. They can move across vast areas, consuming trees, shrubs, and grass in their path. Smoke from wildfires can travel long distances, causing air pollution and health problems for people even far away from the fire.

Firefighters use special techniques to control wildfires, such as creating firebreaks (gaps where fuel is removed), water drops from helicopters, and controlled burns to reduce combustible material. People living in areas prone to wildfires should prepare emergency kits, have evacuation plans, and clear dry vegetation around homes.

Wildfires, while dangerous, are also a natural part of some ecosystems. Certain plants and trees, like pinecones, rely on fire to release seeds and help forests regenerate. However, climate change and human activity have increased the frequency and intensity of wildfires in many parts of the world. Understanding wildfires helps communities stay safe and protects both human life and the environment.

Fill in the blanks:

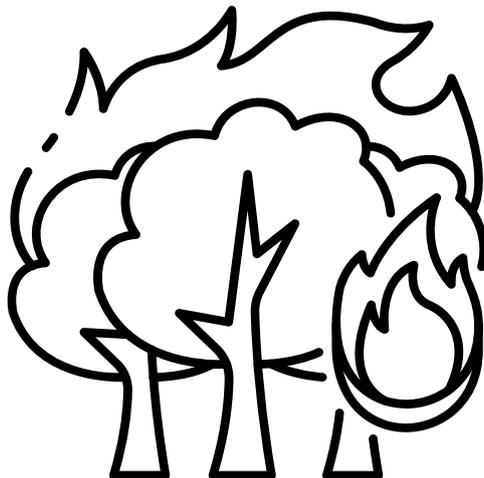
A wildfire is an uncontrolled fire that spreads across _____, grasslands, or other natural areas.

Wildfires can start naturally due to _____ or by human activities.

Dry conditions, high temperatures, and _____ help wildfires spread quickly.

Firefighters create _____ to control wildfires.

Certain plants rely on _____ to release seeds and help forests regenerate.



Multiple Choice Questions :

What is a wildfire?

- a) A small controlled fire in a fireplace
- b) An uncontrolled fire in forests or grasslands
- c) A thunderstorm
- d) A tornado

Which of the following can cause wildfires?

- a) Lightning
- b) Discarded cigarettes
- c) Unattended campfires
- d) All of the above

What technique do firefighters use to control wildfires?

- a) Building firebreaks
- b) Controlled burns
- c) Water drops from helicopters
- d) All of the above

Why can smoke from wildfires be dangerous?

- a) It creates rain
- b) It travels long distances and causes air pollution
- c) It makes soil fertile
- d) It protects homes

How has climate change affected wildfires?

- a) Reduced them
- b) Increased frequency and intensity
- c) Made them cooler
- d) Prevented them completely



Short Answer Questions:

Explain what a wildfire is.

Name two natural and two human causes of wildfires.

How do wildfires spread so quickly?

What safety measures should people take in wildfire-prone areas?

Why can wildfires sometimes be beneficial to certain ecosystems?

