

Passage 1: Weather and Climate

Grade 4 Weather Reading Comprehension

1

Weather describes the conditions of the atmosphere at a certain place and time. It can be sunny, cloudy, rainy, windy, snowy, or stormy. Weather changes from day to day and sometimes even from hour to hour. People often check the weather before going outside so they can choose the right clothing or decide whether to bring an umbrella. Farmers, pilots, and construction workers also use weather information to help plan their work safely.



Climate is different from weather. Climate describes the usual weather patterns in a place over many years. For example, some places have hot, dry summers, while others have cold, snowy winters. Tropical regions usually stay warm throughout the year, while polar regions remain very cold. Scientists study climate to understand how different areas of the world experience different weather conditions over time.

Meteorologists are scientists who study weather and make forecasts. They collect information from weather stations, satellites, radar systems, and weather balloons. This information helps them predict upcoming weather conditions. Weather forecasts help people prepare for rain, snow, strong winds, or very hot temperatures. By understanding both weather and climate, people can make better decisions and stay safe in different conditions.

Name : Date:

Passage 1: Weather and Climate

Grade 4 Weather Reading Comprehension

Multiple Choice

1. What is the main idea of the passage?

- A. Weather forecasts are always correct.
- B. Weather and climate help people stay prepared.
- C. Satellites are the most important weather tools.
- D. Climate changes from hour to hour.

2. What does weather describe?

- A. air conditions at a place and time
- B. the usual weather patterns in a place over many years
- C. the way scientists build weather stations
- D. the number of people living in a region

3. According to the passage, how is climate different from weather?

- A. Climate only happens during storms.
- B. Climate describes patterns over many years.
- C. Climate changes every hour.
- D. Climate is measured only by satellites.

4. Why do people check weather forecasts?

- A. to learn about ancient climates
- B. to compare countries around the world
- C. to study plants in tropical regions
- D. to choose the right clothing or plan safely

5. How do meteorologists help people?

- A. They build homes that can survive storms.
- B. They teach people how to grow crops.
- C. They predict upcoming weather conditions.
- D. They control rain, snow, and wind.

Name : Date:

Vocabulary

Choose the best meaning of the underlined word.

6. Weather describes the conditions of the atmosphere.

- A. the layer of air around Earth
- B. the landforms found in a region
- C. the water found in oceans
- D. the plants growing in an area

7. Scientists study climate to understand weather patterns.

- A. one unusual storm
- B. repeated conditions over time
- C. a short rain shower
- D. a daily school schedule

8. Meteorologists make forecasts.

- A. maps showing land and rivers
- B. tools used to measure distance
- C. predictions about future weather
- D. records of past temperatures

Name : Date:.....

Passage 1: Weather and Climate

Grade 4 Weather Reading Comprehension

Text Evidence

9. Which sentence from the passage explains how climate is different from weather?

Short Response

10. Explain one way weather forecasts help people make safe decisions.

Passage 1: Weather and Climate

Grade 4 Weather Reading Comprehension

Answer Key

Multiple Choice

1. B
2. A
3. B
4. D
5. C

Vocabulary

6. A
7. B
8. C

Text Evidence

9. Sample Answer:

"Climate describes the usual weather patterns in a place over many years."

Short Response

10. Sample Answer:

Weather forecasts help people prepare for rain, snow, strong winds, or very hot temperatures. For example, people can bring an umbrella, wear proper clothing, or change outdoor plans to stay safe.

Passage 2: Temperature

Grade 4 Weather Reading Comprehension

2

Temperature measures how hot or cold the air is.

People use thermometers to measure temperature in degrees. Weather reports often show the expected high and low temperatures for the day. Knowing the temperature helps people decide what clothes to wear and what activities are best for the weather. On hot days, people may wear light clothing and drink plenty of water. On cold days, they may wear coats, hats, and gloves to stay warm.



Temperature changes throughout the day because of the Sun. During the daytime, sunlight warms the land, water, and air. At night, the ground loses heat, causing temperatures to become cooler. Different places can also have different temperatures at the same time. For example, mountains are often cooler than valleys because higher elevations have thinner air. Areas near large lakes or oceans may also have milder temperatures than places farther inland.

Meteorologists measure temperature at weather stations around the world. They combine temperature with other weather information, such as wind, humidity, and air pressure, to create weather forecasts. Accurate temperature measurements help people prepare for changing weather conditions, protect crops, and plan outdoor activities safely.

Name : Date:

Passage 2: Temperature

Grade 4 Weather Reading Comprehension

Multiple Choice

1. What is the main idea of the passage?
 - A. The Sun causes temperatures to change.
 - B. Weather stations measure temperature every day.
 - C. Temperature helps people understand and prepare for weather.
 - D. Mountains are usually cooler than valleys.
2. What tool is used to measure temperature?
 - A. barometer
 - B. thermometer
 - C. rain gauge
 - D. weather balloon
3. According to the passage, why are mountains often cooler than valleys?
 - A. They receive less sunlight.
 - B. They have fewer weather stations.
 - C. They are farther from the Sun.
 - D. They have thinner air.
4. Why do people check the temperature?
 - A. to choose suitable clothing and activities
 - B. to compare different countries
 - C. to study mountain animals
 - D. to count the hours of daylight
5. How do meteorologists use temperature information?
 - A. They predict weather conditions.
 - B. They build weather stations.
 - C. They measure ocean depth.
 - D. They plant crops for farmers.

Name : Date:

Vocabulary

Choose the best meaning of the underlined word.

6. People use thermometers to measure temperature.

- A. tools that measure temperature
- B. machines that measure rainfall
- C. maps showing weather patterns
- D. containers that collect wind

7. Mountains have higher elevations than valleys.

- A. areas with many trees
- B. heights above sea level
- C. temperatures during the day
- D. places near the ocean

8. Weather reports include the humidity level.

- A. the amount of sunlight
- B. the speed of the wind
- C. the amount of water vapor in the air
- D. the direction of moving clouds

Name : Date:.....

Passage 2: Temperature

Grade 4 Weather Reading Comprehension

Text Evidence

9. Which sentence from the passage explains why temperatures usually change between day and night?

Short Response

10. Explain one way temperature information helps people in everyday life.

Passage 2: Temperature

Grade 4 Weather Reading Comprehension

Answer Key

Multiple Choice

1. C
2. B
3. D
4. A
5. A

Vocabulary

6. A
7. B
8. C

Text Evidence

9. Sample Answer:

"At night, the ground loses heat, causing temperatures to become cooler."

Short Response

10. Sample Answer:

Temperature information helps people choose the right clothing and plan outdoor activities safely. It also helps people prepare for hot or cold weather.

Passage 3: Clouds

Grade 4 Weather Reading Comprehension

3

Clouds are made of tiny water droplets or ice crystals that float in the atmosphere. They form when warm, moist air rises and cools. As the air cools, water vapor changes into tiny droplets that gather together to create clouds. Different weather conditions produce different kinds of clouds. Scientists study clouds because they provide important clues about upcoming weather.

There are several common types of clouds.

Cumulus clouds are white and fluffy and usually appear on pleasant days. Stratus clouds form in flat layers that often cover the sky and may bring light rain or drizzle. Cirrus clouds are thin and wispy and form high in the atmosphere. They often appear before the weather changes. Cumulonimbus clouds are tall, dark storm clouds that can produce heavy rain, thunder, lightning, and sometimes hail.

Meteorologists observe clouds along with temperature, wind, and air pressure to make weather forecasts. Watching clouds helps people prepare for changing weather conditions. For example, dark storm clouds may warn people to move indoors before a thunderstorm begins. By understanding different cloud types, people can learn more about the weather and make safer decisions outdoors.



Name : Date:.....

Passage 3: Clouds

Grade 4 Weather Reading Comprehension

Multiple Choice

1. What is the main idea of the passage?

- A. Clouds help people understand weather conditions.
- B. Water vapor always forms storm clouds.
- C. Cirrus clouds are the highest clouds.
- D. Meteorologists study air pressure every day.

2. How do clouds form?

- A. Warm air freezes into snow.
- B. Water vapor cools into tiny droplets.
- C. Strong winds push water into the sky.
- D. Sunlight creates clouds from dry air.

3. Which type of cloud often appears before the weather changes?

- A. cumulus
- B. stratus
- C. cirrus
- D. cumulonimbus

4. Why do meteorologists observe clouds?

- A. to predict upcoming weather
- B. to measure ocean temperatures
- C. to count birds in the sky
- D. to study mountain rocks

5. How can dark storm clouds help people?

- A. They show where rainbows form.
- B. They warn people to move indoors.
- C. They make the air warmer.
- D. They keep the sky clear.

Name : Date:

Vocabulary

Choose the best meaning of the underlined word.

6. Clouds form from tiny water droplets.

- A. very small drops of water
- B. frozen pieces of snow
- C. moving air currents
- D. bright rays of sunlight

7. Cirrus clouds look wispy.

- A. thick and heavy
- B. dark and stormy
- C. thin and feathery
- D. flat and smooth

8. Cumulonimbus clouds can produce hail.

- A. strong sunshine
- B. frozen balls of ice
- C. gentle ocean waves
- D. warm air rising

Name : Date:.....

Passage 3: Clouds

Grade 4 Weather Reading Comprehension

Text Evidence

9. Which sentence from the passage explains how clouds are formed?

Short Response

10. Explain one way learning about clouds helps people stay safe.

Passage 3: Clouds

Grade 4 Weather Reading Comprehension

Answer Key

Multiple Choice

1. A
2. B
3. C
4. A
5. B

Vocabulary

6. A
7. C
8. B

Text Evidence

9. Sample Answer:

"As the air cools, water vapor changes into tiny droplets that gather together to create clouds."

Short Response

10. Sample Answer:

Learning about clouds helps people recognize signs of changing weather. Dark storm clouds can warn people to go indoors before heavy rain or thunderstorms begin.

Passage 4: Rain

Grade 4 Weather Reading Comprehension

4

Rain is one of the most common forms of precipitation.

It forms when tiny water droplets inside clouds join together and become too heavy to stay in the air. Gravity pulls the droplets toward the ground as rain. Rain is an important part of the water cycle because it returns water from the atmosphere to Earth's surface. Without rain, rivers, lakes, forests, farms, and many living things would not have enough fresh water.

Rainfall can be light, moderate, or heavy.

A gentle rain helps plants grow and fills rivers, lakes, and reservoirs. However, heavy rainfall can sometimes cause floods if too much water falls in a short time. Strong storms may also bring heavy rain that makes roads slippery and reduces visibility for drivers. Because of this, weather forecasts often warn people when heavy rain is expected.

Meteorologists use rain gauges, weather radar, and satellites to measure and track rainfall. This information helps communities prepare for changing weather conditions. Farmers use rainfall information to care for crops, while city workers use it to manage water systems. By understanding rainfall and following weather forecasts, people can stay safer and protect their homes and communities.



Name : Date:

Passage 4: Rain

Grade 4 Weather Reading Comprehension

Multiple Choice

1. What is the main idea of the passage?
 - A. Satellites help track weather systems.
 - B. Rain gauges collect water during storms.
 - C. Heavy rain can make roads slippery.
 - D. Rain helps support life and the water cycle.
2. According to the passage, how does rain form?
 - A. Water droplets become too heavy and fall.
 - B. Clouds freeze into snowflakes.
 - C. Wind pushes water toward the ground.
 - D. Warm air changes directly into rain.
3. What can happen after heavy rainfall?
 - A. Rivers become warmer.
 - B. Plants stop growing.
 - C. Floods may occur.
 - D. Clouds disappear.
4. Why do meteorologists measure rainfall?
 - A. to improve farming equipment
 - B. to compare different cloud types
 - C. to monitor and forecast weather
 - D. to measure the depth of rivers
5. How does rainfall information help farmers?
 - A. It helps them build new reservoirs.
 - B. It helps them care for their crops.
 - C. It helps them predict earthquakes.
 - D. It helps them increase air pressure.

Name : Date:

Vocabulary

Choose the best meaning of the underlined word.

6. Rain is a form of precipitation.

- A. energy from the Sun
- B. warm air near Earth's surface
- C. clouds floating across the sky
- D. water that falls from clouds

7. Heavy rain can reduce visibility.

- A. the amount of rainfall
- B. the speed of moving air
- C. the ability to see clearly
- D. the height of clouds

8. Farmers often monitor rainfall.

- A. the amount of rain that falls
- B. the movement of clouds
- C. the level of air pressure
- D. the direction of the wind

Name : Date:.....

Passage 4: Rain

Grade 4 Weather Reading Comprehension

Text Evidence

9. Which sentence from the passage explains why rain is important to living things?

Short Response

10. Explain one way rainfall information helps people stay safe.

Passage 4: Rain

Grade 4 Weather Reading Comprehension

Answer Key

Multiple Choice

1. D
2. A
3. C
4. C
5. B

Vocabulary

6. D
7. C
8. A

Text Evidence

9. Sample Answer:

"Without rain, rivers, lakes, forests, farms, and many living things would not have enough fresh water."

Short Response

10. Sample Answer:

Rainfall information helps people prepare for heavy rain and flooding. It also helps communities plan ahead and stay safe during storms.

Passage 5: Wind

Grade 4 Weather Reading Comprehension

5

Wind is moving air. It forms because air pressure is not the same everywhere. Air naturally moves from places with higher pressure to places with lower pressure. This movement creates wind. Wind can be calm and gentle or strong and powerful. Meteorologists study wind because it affects weather, transportation, and daily life.

Wind is useful in many ways. It helps cool people on warm days and carries pollen that helps many plants grow. Sailboats use wind to travel across the water, and wind turbines use it to produce electricity. However, very strong winds can also be dangerous. They may break tree branches, damage buildings, and make it difficult to drive safely. During severe storms, people are often advised to stay indoors until the strong winds pass.

Meteorologists use tools such as anemometers, weather balloons, satellites, and radar to measure wind speed and direction. They combine this information with temperature, humidity, and air pressure to make weather forecasts. Wind forecasts help people prepare for changing weather conditions and make safer decisions before traveling or taking part in outdoor activities.



Name : Date:

Passage 5: Wind

Grade 4 Weather Reading Comprehension

Multiple Choice

1. What is the main idea of the passage?

- A. Wind affects weather and everyday life.
- B. Wind turbines produce electricity.
- C. Air pressure changes every day.
- D. Strong winds damage buildings.

2. What causes wind to form?

- A. the movement of clouds
- B. differences in air pressure
- C. changes in ocean waves
- D. the heat from the Sun

3. Which is one useful way people use wind?

- A. It creates drinking water.
- B. It melts snow in winter.
- C. It turns wind turbines.
- D. It increases air pressure.

4. Why do meteorologists measure wind?

- A. to predict weather conditions
- B. to count the number of storms
- C. to measure river levels
- D. to study mountain animals

5. How do wind forecasts help people?

- A. They stop storms from forming.
- B. They make the weather warmer.
- C. They reduce heavy rainfall.
- D. They help people prepare safely.

Name : Date:

Vocabulary

Choose the best meaning of the underlined word.

6. Wind moves because of different pressure.

- A. the height of the clouds
- B. the amount of falling rain
- C. the force of the air
- D. the warmth of the sunlight

7. Wind carries pollen between plants.

- A. tiny grains that help plants reproduce
- B. drops of water inside clouds
- C. frozen pieces of ice
- D. small green leaves

8. An anemometer measures wind speed.

- A. a tool that measures rainfall
- B. a tool that measures wind
- C. a tool that measures temperature
- D. a tool that measures humidity

Name : Date:.....

Passage 5: Wind

Grade 4 Weather Reading Comprehension

Text Evidence

9. Which sentence from the passage explains one way wind is useful?

Short Response

10. Explain one way wind forecasts help people stay safe.

Passage 5: Wind

Grade 4 Weather Reading Comprehension

Answer Key

Multiple Choice

1. A
2. B
3. C
4. A
5. D

Vocabulary

6. C
7. A
8. B

Text Evidence

9. Sample Answer:

"Sailboats use wind to travel across the water, and wind turbines use it to produce electricity."

Short Response

10. Sample Answer:

Wind forecasts help people prepare before strong winds arrive. People can delay travel, secure outdoor objects, and stay indoors during severe storms to remain safe.

Passage 6: Thunderstorms

Grade 4 Weather Reading Comprehension

6

Thunderstorms are common weather events that develop when warm, moist air rises quickly into the atmosphere. As the air cools, large storm clouds called cumulonimbus clouds form. These storms often bring heavy rain, thunder, lightning, strong winds, and sometimes hail. Most thunderstorms last less than an hour, but some can become severe and cause damage.



Lightning is a powerful electrical discharge that occurs inside a storm cloud or between a cloud and the ground. Thunder is the sound created when lightning quickly heats the air around it. Because light travels much faster than sound, people usually see lightning before they hear thunder. Counting the seconds between the flash of lightning and the sound of thunder can help estimate how far away the storm is.

Meteorologists use radar, satellites, and weather stations to track thunderstorms and issue weather warnings. These warnings help people prepare before dangerous weather arrives. During a thunderstorm, people should move indoors, stay away from windows, avoid using electrical appliances, and never stand under a tall tree. Learning about thunderstorm safety helps people protect themselves and others.

Name : Date:

Passage 6: Thunderstorms

Grade 4 Weather Reading Comprehension

Multiple Choice

1. What is the main idea of the passage?

- A. Thunderstorms are short weather events.
- B. Lightning always strikes tall trees.
- C. Thunderstorms can be dangerous, and people should stay safe.
- D. Radar is the best weather tool.

2. What forms when warm, moist air rises and cools?

- A. cirrus clouds
- B. cumulonimbus clouds
- C. stratus clouds
- D. cumulus clouds

3. Why do people usually see lightning before hearing thunder?

- A. Sound travels faster than light.
- B. Thunder forms before lightning.
- C. Lightning is brighter than the Sun.
- D. Light travels faster than sound.

4. Why do meteorologists track thunderstorms?

- A. to issue weather warnings
- B. to study mountain climates
- C. to measure river levels
- D. to observe ocean currents

5. What should people do during a thunderstorm?

- A. Stand under a tall tree.
- B. Stay indoors and away from windows.
- C. Play outside until the rain stops.
- D. Use electrical appliances carefully.

Name : Date:

Vocabulary

Choose the best meaning of the underlined word.

6. Thunderstorms may become severe.

- A. very dangerous
- B. very quiet
- C. very cold
- D. very short

7. Lightning is an electrical discharge.

- A. a type of heavy rainfall
- B. a strong wind moving quickly
- C. a group of storm clouds
- D. a sudden release of electricity

8. Meteorologists issue weather warnings.

- A. predictions about future seasons
- B. messages about possible danger
- C. reports about plant growth
- D. maps showing landforms

Name : Date:

Passage 6: Thunderstorms

Grade 4 Weather Reading Comprehension

Text Evidence

9. Which sentence from the passage explains why people see lightning before hearing thunder?

Short Response

10. Explain one safety rule people should follow during a thunderstorm.

Passage 6: Thunderstorms

Grade 4 Weather Reading Comprehension

Answer Key

Multiple Choice

1. C
2. B
3. D
4. A
5. B

Vocabulary

6. A
7. D
8. B

Text Evidence

9. Sample Answer:

"Because light travels much faster than sound, people usually see lightning before they hear thunder."

Short Response

10. Sample Answer:

People should stay indoors and away from windows during a thunderstorm. They should also avoid using electrical appliances and never stand under a tall tree.

Passage 7: Hurricanes

Grade 4 Weather Reading Comprehension

Hurricanes are large, powerful storms that form over warm ocean waters. They develop when warm, moist air rises and creates areas of low air pressure. As more warm air moves into the storm, the system grows stronger. Hurricanes have strong winds, heavy rain, and large waves that can affect coastal areas. They are given names to help people identify and track each storm.

Meteorologists carefully watch hurricanes as they move across the ocean. They use satellites, weather radar, airplanes, and computer models to predict where a hurricane may travel and how strong it might become. Weather forecasts give communities time to prepare before the storm arrives. People may protect their homes, gather emergency supplies, or evacuate if local officials advise them to leave.

Although hurricanes can cause flooding, fallen trees, power outages, and damage to buildings, early warnings help reduce danger. Families can make emergency plans and follow safety instructions before, during, and after a hurricane. Learning about hurricanes helps people understand how to prepare for severe weather and stay safe.



Name : Date:

Passage 7: Hurricanes

Grade 4 Weather Reading Comprehension

Multiple Choice

1. What is the main idea of the passage?

- A. Hurricanes only happen near beaches.
- B. Hurricanes require preparation.
- C. Satellites are used to study weather.
- D. Emergency kits contain important supplies.

2. Where do hurricanes form?

- A. over warm ocean waters
- B. above snowy mountains
- C. across dry deserts
- D. near frozen lakes

3. What do meteorologists use to predict hurricanes?

- A. rain gauges and thermometers
- B. wind turbines and boats
- C. satellites and computer models
- D. rivers and weather balloons

4. Why are hurricanes given names?

- A. to make storms stronger
- B. to describe wind speed
- C. to help people identify each storm
- D. to measure rainfall amounts

5. What should families do before a hurricane arrives?

- A. Wait until the storm begins.
- B. Go outside to watch the clouds.
- C. Open all the windows.
- D. Prepare supplies and stay safe.

Name : Date:

Vocabulary

Choose the best meaning of the underlined word.

6. Some families may evacuate before a hurricane.

- A. repair damaged buildings
- B. leave a dangerous area
- C. watch the storm closely
- D. collect weather information

7. Hurricanes can damage coastal areas.

- A. places near the ocean
- B. areas high in the mountains
- C. land covered by forests
- D. places deep underground

8. Families should gather supplies before a storm.

- A. weather forecasts
- B. items needed in emergencies
- C. different kinds of clouds
- D. tools for measuring wind

Name : Date:.....

Passage 7: Hurricanes

Grade 4 Weather Reading Comprehension

Text Evidence

9. Which sentence from the passage explains how meteorologists predict hurricanes?

Short Response

10. Explain one way families can prepare for a hurricane.

Passage 7: Hurricanes

Grade 4 Weather Reading Comprehension

Answer Key

Multiple Choice

1. B
2. A
3. C
4. C
5. D

Vocabulary

6. B
7. A
8. B

Text Evidence

9. Sample Answer:

"They use satellites, weather radar, airplanes, and computer models to predict where a hurricane may travel and how strong it might become."

Short Response

10. Sample Answer:

Families can prepare by making an emergency plan, gathering supplies, protecting their home, and following evacuation instructions if needed.

Passage 8: Tornadoes

Grade 4 Weather Reading Comprehension

8

Tornadoes are powerful columns of rotating air that extend from a thunderstorm to the ground. They usually form during severe thunderstorms when warm, moist air meets cool, dry air. Most tornadoes last only a few minutes, but some can stay on the ground much longer. Although tornadoes are usually smaller than hurricanes, their strong winds can cause serious damage to buildings, trees, and vehicles.



Meteorologists use weather radar, satellites, and storm spotters to watch for conditions that may produce tornadoes. When a tornado warning is issued, people should take shelter immediately. The safest place is usually a basement or a small interior room on the lowest floor of a building. People should stay away from windows because flying debris can be very dangerous during a tornado.

Communities often practice tornado safety drills so everyone knows what to do during an emergency. Emergency alerts and weather forecasts give people time to prepare before severe weather arrives. Learning about tornadoes and following safety instructions can help protect lives and reduce injuries.

Name : Date:

Passage 8: Tornadoes

Grade 4 Weather Reading Comprehension

Multiple Choice

1. What is the main idea of the passage?

- A. Tornadoes usually last only a few minutes.
- B. Tornadoes require safety preparation.
- C. Weather radar tracks many kinds of storms.
- D. Flying debris can damage buildings.

2. When do tornadoes usually form?

- A. during severe thunderstorms
- B. during snowstorms
- C. over warm oceans
- D. on sunny afternoons

3. What do meteorologists use to watch for tornadoes?

- A. thermometers and rain gauges
- B. maps and compasses
- C. weather radar and satellites
- D. wind turbines and boats

4. Where should people go during a tornado warning?

- A. outside in an open field
- B. near large windows
- C. to the roof of a building
- D. to a basement or small interior room

5. Why do communities practice tornado drills?

- A. to measure wind speed
- B. to improve weather forecasts
- C. to help people know what to do
- D. to prevent tornadoes from forming

Name : Date:

Vocabulary

Choose the best meaning of the underlined word.

6. Tornadoes produce flying debris.

- A. drops of rain
- B. heavy storm clouds
- C. pieces of broken objects
- D. strong sunlight

7. People should take shelter immediately.

- A. a weather measuring tool
- B. a safe place for protection
- C. an emergency vehicle
- D. a large storm cloud

8. Emergency alerts warn people about danger.

- A. messages that give warnings
- B. tools that measure wind
- C. maps showing roads
- D. groups of storm clouds

Name : Date:

Passage 8: Tornadoes

Grade 4 Weather Reading Comprehension

Text Evidence

9. Which sentence from the passage explains the safest place during a tornado?

Short Response

10. Explain one reason why tornado drills are important.

Passage 8: Tornadoes

Grade 4 Weather Reading Comprehension

Answer Key

Multiple Choice

1. B
2. A
3. C
4. D
5. C

Vocabulary

6. C
7. B
8. A

Text Evidence

9. Sample Answer:

"The safest place is usually a basement or a small interior room on the lowest floor of a building."

Short Response

10. Sample Answer:

Tornado drills help people practice what to do during an emergency. They can reach a safe place more quickly when a tornado warning is issued.

Passage 9: Weather Forecasts

Grade 4 Weather Reading Comprehension

9

Weather forecasts help people learn what weather conditions are expected in the future.

Meteorologists collect information from weather stations, satellites, weather balloons, radar, and computer models. They study this information to predict changes in temperature, rainfall, wind, and storms. Although forecasts are not always perfect, modern technology has made them much more accurate than in the past.



Many people check the weather forecast before leaving home. A forecast can help people decide what to wear, whether to bring an umbrella, or if it is safe to travel. Farmers use forecasts to plan when to plant or harvest crops. Pilots, sailors, and construction workers also depend on weather forecasts to make safe decisions during their work.

Weather forecasts become especially important before severe weather arrives. Forecasts and weather warnings give families and communities time to prepare for hurricanes, tornadoes, floods, and winter storms. By paying attention to weather forecasts, people can protect themselves, their homes, and others from dangerous weather.

Name : Date:

Passage 9: Weather Forecasts

Grade 4 Weather Reading Comprehension

Multiple Choice

1. What is the main idea of the passage?
 - A. Storms often change quickly.
 - B. Satellites collect weather information every day.
 - C. Farmers use forecasts to grow crops.
 - D. Weather forecasts help people prepare.

2. What do meteorologists use to make weather forecasts?
 - A. maps and road signs
 - B. weather tools
 - C. rivers and mountains
 - D. trees and flowers

3. Who uses weather forecasts to help with their work?
 - A. only students
 - B. only doctors
 - C. farmers, pilots, and sailors
 - D. tourists and museum guides

4. Why are weather forecasts important before severe weather?
 - A. They make storms weaker.
 - B. They change the weather.
 - C. They increase rainfall.
 - D. They help people prepare.

5. What can people do after checking a weather forecast?
 - A. choose suitable clothing
 - B. predict earthquakes
 - C. stop a storm
 - D. change the temperature

Name : Date:

Vocabulary

Choose the best meaning of the underlined word.

6. Meteorologists make weather **forecasts**.

- A. reports about past storms
- B. future weather predictions
- C. tools that measure rainfall
- D. pictures of clouds

7. Weather **warnings** help keep people safe.

- A. weather instruments
- B. changes in air pressure
- C. kinds of storm clouds
- D. danger messages

8. Modern **technology** has improved forecasts.

- A. tools and equipment
- B. large storm systems
- C. changes in climate
- D. weather maps only

Name : Date:.....

Passage 9: Weather Forecasts

Grade 4 Weather Reading Comprehension

Text Evidence

9. Which sentence from the passage explains how forecasts help people before severe weather?

Short Response

10. Explain one way weather forecasts help people in everyday life.

Passage 9: Weather Forecasts

Grade 4 Weather Reading Comprehension

Answer Key

Multiple Choice

1. D
2. B
3. C
4. D
5. A

Vocabulary

6. B
7. D
8. A

Text Evidence

9. Sample Answer:

"Forecasts and weather warnings give families and communities time to prepare for hurricanes, tornadoes, floods, and winter storms."

Short Response

10. Sample Answer:

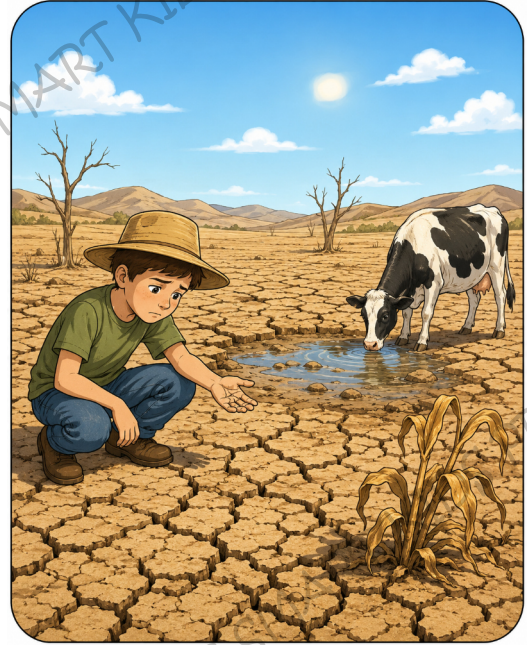
Weather forecasts help people choose the right clothing, plan travel, and prepare for dangerous weather before it arrives.

Passage 10: Droughts

Grade 4 Weather Reading Comprehension

10

A drought is a long period with little or no rainfall. When very little rain falls for many weeks or months, the ground becomes dry, rivers and lakes may shrink, and plants may not get enough water to grow. Droughts can happen in many parts of the world, especially during long periods of hot, dry weather. They can affect people, animals, farms, and the environment.



During a drought, farmers may have difficulty growing crops because the soil does not contain enough moisture. Some communities may ask people to save water by taking shorter showers, fixing leaking pipes, and watering gardens less often. Wildlife can also be affected because ponds, streams, and other water sources may dry up. Conserving water helps communities use the available water more wisely until rainfall returns.

Meteorologists study rainfall, temperature, soil moisture, and weather patterns to monitor drought conditions. Their forecasts help communities prepare for possible water shortages and plan how to use water carefully. Although droughts can last for a long time, good planning and water conservation can reduce their effects. Learning about droughts helps people understand the importance of protecting one of Earth's most valuable resources—fresh water.

Name : Date:

Passage 10: Droughts

Grade 4 Weather Reading Comprehension

Multiple Choice

1. What is the main idea of the passage?

- A. Droughts happen only in deserts.
- B. Water conservation saves money.
- C. Droughts affect people and nature.
- D. Farmers grow crops during droughts.

2. What is a drought?

- A. a storm with heavy rain
- B. a season with cold temperatures
- C. a strong wind over the ocean
- D. a long dry period

3. How can drought affect farmers?

- A. Crops may not grow well.
- B. Rivers become deeper.
- C. Fields receive more rain.
- D. Plants grow more quickly.

4. Why do meteorologists monitor droughts?

- A. to predict earthquakes
- B. to measure river depth
- C. to study mountain animals
- D. to help communities prepare

5. What is one way people can save water during a drought?

- A. Leave faucets running.
- B. Water gardens every day.
- C. Take shorter showers.
- D. Fill swimming pools often.

Name : Date:

Vocabulary

Choose the best meaning of the underlined word.

6. Communities should conserve water.

- A. use water wisely
- B. collect heavy rain
- C. clean rivers often
- D. measure water levels

7. Dry soil has little moisture.

- A. sunlight
- B. fresh air
- C. water
- D. fertilizer

8. A drought may cause a water shortage.

- A. lack of something needed
- B. large amount of rainfall
- C. change in wind direction
- D. increase in temperature

Name : Date:

Passage 10: Droughts

Grade 4 Weather Reading Comprehension

Text Evidence

9. Which sentence from the passage explains one way people can save water during a drought?

Short Response

10. Explain why water conservation is important during a drought.

Passage 10: Droughts

Grade 4 Weather Reading Comprehension

Answer Key

Multiple Choice

1. C
2. D
3. A
4. D
5. C

Vocabulary

6. A
7. C
8. A

Text Evidence

9. Sample Answer:

"Some communities may ask people to save water by taking shorter showers, fixing leaking pipes, and watering gardens less often."

Short Response

10. Sample Answer:

Water conservation helps people use the available water carefully until more rain falls. It protects water supplies for families, farms, and wildlife.