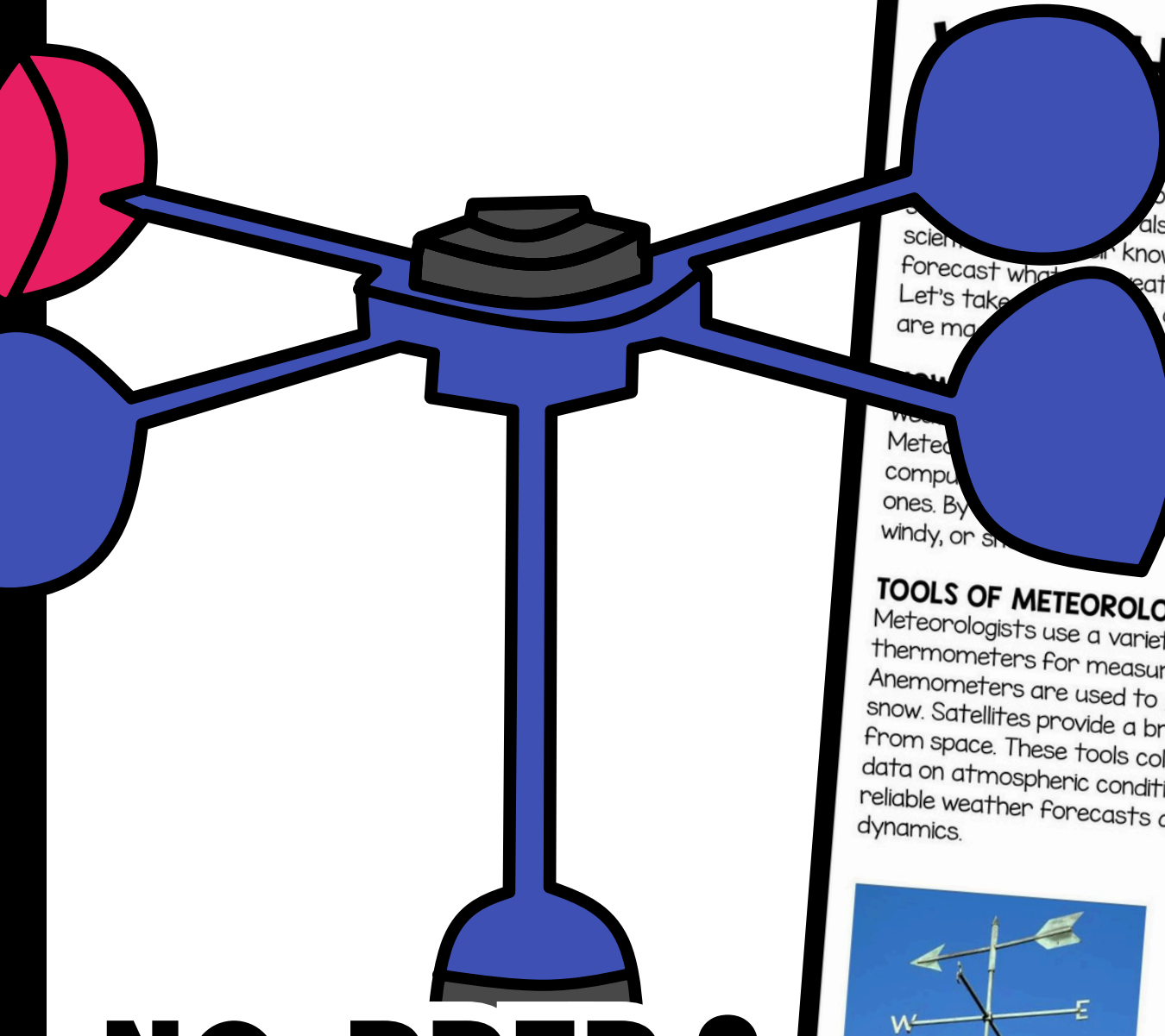


Meteorologists Weather Scientists

PREDICTIONS

READING COMPREHENSION



NO-PREP & EDITABLE

READING COMPREHENSION MCQ'S QUESTIONS ANSWER KEY

IMPORTANCE OF WEATHER FORECASTS
Weather forecasts are important because they help us plan our days and stay safe. For example, if we know it will rain, we can bring an umbrella. It also helps us know when to take shelter. This can save lives.

WEATHER PREDICTIONS
Weather predictions are like puzzles that meteorologists use to help us plan our days and stay safe. They use special tools to forecast what the weather will be like in the future. Let's take a look at how weather predictions are made.

HOW WEATHER PREDICTIONS WORK
Weather predictions are based on data collected from various sources. Meteorologists use computers to analyze this data and predict future weather conditions. By understanding current weather conditions and predicting future weather, they can forecast whether it will be sunny, rainy, or snowy.

TOOLS OF METEOROLOGISTS
Meteorologists use a variety of tools to study the weather, including thermometers for measuring temperature and barometers for air pressure. Anemometers are used to gauge wind speed, while radar helps track rain and snow. Satellites provide a broader perspective by monitoring weather patterns from space. These tools collectively enable meteorologists to gather accurate data on atmospheric conditions. By utilizing such instruments, they can make reliable weather forecasts and contribute to our understanding of weather dynamics.

MAKING WEATHER PREDICTIONS
Making weather forecasts is a complex task that requires a lot of knowledge and understanding of weather patterns. Meteorologists use various tools and techniques to make accurate predictions. They analyze data such as air pressure, temperature, and wind speed to forecast what the weather will be like in the future.

BREAKING NEWS
BLIZZARD!

OTHER PREDICTIONS
Other predictions include the correct answer to a question, the purpose of weather predictions, and the tools meteorologists use to make weather predictions.

READING PASSAGES WITH TEXT DEPENDENT QUESTIONS

WEATHER PREDICTIONS

Weather predictions are like puzzles that meteorologists solve to help us plan our days and stay safe. Meteorologists, also known as weather scientists, use their knowledge and special tools to forecast what the weather will be like in the future. Let's take a closer look at how weather predictions are made and why they are important.

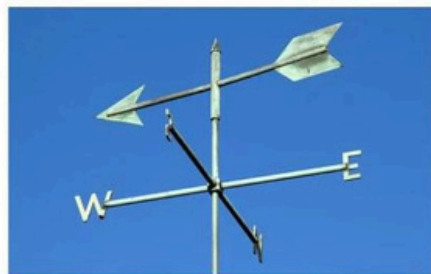


HOW WEATHER PREDICTIONS WORK

Weather predictions are based on data collected from various sources. Meteorologists use information from weather stations, satellites, radar, and computer models to understand current weather conditions and predict future ones. By analyzing this data, they can forecast whether it will be sunny, rainy, windy, or snowy.

TOOLS OF METEOROLOGISTS

Meteorologists use a variety of tools to study the weather, including thermometers for measuring temperature and barometers for air pressure. Anemometers are used to gauge wind speed, while radar helps track rain and snow. Satellites provide a broader perspective by monitoring weather patterns from space. These tools collectively enable meteorologists to gather accurate data on atmospheric conditions. By utilizing such instruments, they can make reliable weather forecasts and contribute to our understanding of weather dynamics.



MAKING WEATHER FORECASTS

Making weather forecasts is a complex process that requires a lot of skill and knowledge. Meteorologists analyze data and use their understanding of weather patterns to make predictions. They take into account factors such as air pressure, humidity, wind direction, and temperature to forecast what the weather will be like in different regions.

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IMPORTANCE OF WEATHER FORECASTS

Weather forecasts are important because they help us plan our activities and stay safe. For example, if meteorologists predict rain, we can bring an umbrella with us when we go outside. Weather forecasts also help us prepare for extreme weather events like hurricanes, tornadoes, and blizzards.



KEEPING US SAFE

One of the most important roles of meteorologists is to keep us safe during dangerous weather events. By predicting storms and other severe weather, meteorologists give us time to prepare and take shelter. This can save lives and prevent property damage.

CELEBRATING METEOROLOGISTS

On National Weatherman's Day, we celebrate the hard work and dedication of meteorologists. These weather scientists play a crucial role in keeping us informed and safe. So, let's take a moment to thank meteorologists for their important work in making weather predictions and helping us navigate the ever-changing weather!

READING COMPREHENSION

COLORED & B/W VERSIONS INCLUDED

Name_____

Date_____

WEATHER PREDICTIONS

DIRECTIONS CHOOSE THE CORRECT ANSWER.

1. What is the purpose of weather predictions?

- a) To entertain people
- b) To help us plan our days and stay safe
- c) To confuse people
- d) To sell umbrellas

2. What tools do meteorologists use to study the weather?

- a) Thermometers, barometers, and anemometers
- b) Hammers, nails, and saws
- c) Pencils, erasers, and rulers
- d) Books, computers, and phones

3. How do meteorologists make weather forecasts?

- a) By guessing
- b) By analyzing data from various sources
- c) By flipping coins
- d) By reading minds

4. Why are weather forecasts important?

- a) They help us plan our activities and stay safe
- b) They make people laugh
- c) They confuse people
- d) They make people buy ice cream

5. What is one of the roles of meteorologists during dangerous weather events?

- a) To go on vacation
- b) To give us time to prepare and take shelter
- c) To dance in the rain
- d) To take selfies

SHORT ANSWER QUESTIONS

1. What is the purpose of weather predictions?
2. What tools do meteorologists use to study the weather?
3. How do meteorologists make weather forecasts?
4. Why are weather forecasts important?
5. What role do meteorologists play during dangerous weather events?

6. What is celebrated on National Weather Day?

- a) The invention of the umbrella
- b) The contributions of meteorologists to weather predictions
- c) The first moon landing
- d) The discovery of fire

7. What role do tools like radar and satellites play in weather predictions?

- a) They help meteorologists track rain and snow
- b) They help meteorologists measure temperature and humidity
- c) They help meteorologists count clouds
- d) They help meteorologists make pizza

8. How do meteorologists use data to make forecasts?

- a) By ignoring it
- b) By analyzing it and understanding weather patterns
- c) By throwing it away
- d) By eating it

9. Where can meteorologists work?

- a) Coffee shops
- b) Government agencies, research institutions, or private companies
- c) Museums
- d) Movie theaters

10. How do weather predictions benefit society?

- a) By helping us plan our activities and stay safe
- b) By confusing people
- c) By making people buy ice cream
- d) By making people laugh

ANSWER KEY

MCQS

1. b) To help us plan our days and stay safe
2. a) Thermometers, barometers, and anemometers
3. b) By analyzing data from various sources
4. a) They help us plan our activities and stay safe
5. b) To give us time to prepare and take shelter
6. b) The contributions of meteorologists to weather predictions
7. a) They help meteorologists track rain and snow
8. b) By analyzing it and understanding weather patterns
9. b) Government agencies, research institutions, universities, or private companies
10. a) By helping us plan our activities and stay safe

SHORT-ANSWER QUESTION

1. The purpose of weather predictions is to help us plan our days and stay safe.
2. Meteorologists use tools such as thermometers, barometers, and anemometers to study the weather.
3. Meteorologists make weather forecasts by analyzing data from various sources.
4. Weather forecasts are important because they help us plan our activities and stay safe.
5. During dangerous weather events, meteorologists give us time to prepare and take shelter.

**ANSWER KEY
INCLUDED**

**10 - MCQ'S & 5
QUESTIONS**