

Name _____

Weather Wizards: How Do Meteorologists Predict the Weather?

Multiple Choice Questions

1. What is meteorology the science of?
 - a. Studying stars and galaxies
 - b. Understanding and predicting Earth's atmospheric conditions
 - c. Exploring the ocean depths
 - d. Investigating earthquakes

2. What tools do meteorologists use to measure weather variables like temperature and humidity?
 - a. Telescopes
 - b. Thermometers, barometers, anemometers, and hygrometers
 - c. Compasses and maps
 - d. Microscopes and test tubes

3. What technology helps meteorologists track the movement of precipitation, such as rain and snow?
 - a. Weather balloons
 - b. Weather satellites
 - c. Doppler radar
 - d. Barometers

4. How do meteorologists make weather forecasts?
 - a. By guessing randomly
 - b. By analyzing historical data only
 - c. By using computer models and analyzing current data
 - d. By consulting fortune tellers

5. What is the role of weather satellites in weather prediction?
 - a. They provide images of distant planets.
 - b. They help monitor weather patterns and track cloud movements.
 - c. They study the Earth's core.
 - d. They predict earthquake locations.

