Weather and Seasonal Science for Kids

Earth Science · Answer Key · 10 Questions

1. What is the name of the instrument scientists use to measure the speed of the wind?

A) Barometer
B) Anemometer
C) Thermometer
D) Hygrometer

2. During which season do deciduous trees typically shed their leaves to conserve water?

A) Spring
B) Summer
C) Autumn
D) Winter

3. Which type of cloud is low-hanging, gray, and often covers the whole sky like a blanket?

A) Cirrus
B) Cumulus
C) Stratus
D) Cumulonimbus

4. What is the scientific term for the process where water turns from a liquid into a gas or vapour?

A) Evaporation
B) Precipitation
C) Condensation
D) Freezing

5. In the Southern Hemisphere, which month marks the beginning of the meteorological summer?

A) September
B) June
C) December
D) March

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6. What type of severe weather is defined by a rapidly rotating column of air extending from a storm cloud to the ground?

A) Hurricane
B) Tornado
C) Blizzard
D) Monsoon

7. What is the name of the boundary where two different air masses meet?

A) Front
B) Jet stream
C) Pressure zone
D) Current

8. Which form of precipitation consists of balls or irregular lumps of ice formed in thunderstorms?

A) Snow
B) Sleet
C) Hail
D) Drizzle

9. What is the primary source of heat that drives all weather patterns on Earth?

A) The Moon
B) Volcanoes
C) The Sun
D) Ocean currents

10. At what temperature on the Celsius scale does liquid water turn into ice?

A) 10 degrees
B) 5 degrees
C) 0 degrees
D) 100 degrees

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