

FOR THE EDUCATOR

Teacher Answer Key

Organized by day and activity. Every numbered question is matched with its expected answer for quick classroom reference.

Reading the Sky: Cloud Types & Storm Prediction

PRACTICE QUESTIONS

Q1 Which cloud family means 'rain-bearing'?

A. Nimbus.

Q2 You see tall, tower-like cumulus clouds growing quickly on a hot afternoon. What weather might follow within an hour?

A. A thunderstorm — those are cumulonimbus clouds and they often produce lightning, heavy rain, and gusty winds.

Q3 On a weather map, what does a line of blue triangles represent?

A. A cold front, moving in the direction the triangles point.

Q4 What does a falling barometric pressure usually indicate?

A. A storm or unsettled weather is approaching.

Q5 Why do meteorologists issue a 'watch' before a 'warning'?

A. A watch means conditions are favorable for severe weather — be prepared. A warning means severe weather is happening or imminent — take action now.