

WEATHER OR NOT

DESCRIPTION: Students will be tested on their knowledge of meteorology (weather and climate).

TEAM SIZE: 1 or 2 students

APPROXIMATE TIME: 30 minutes

EVENT PARAMETERS:

The only items each team may bring into the competition are pencils, and one 5”x 8” index card per team, with notes on weather concepts. Both sides of the card may be used.

THE COMPETITION:

Student teams will answer questions regarding weather concepts. Students will remain seated, with a copy of the complete test, during the entire session.

Part 1: Teams will answer multiple-choice format questions related to photographs and videos projected on a screen. Each item will be projected for a specific period of time.

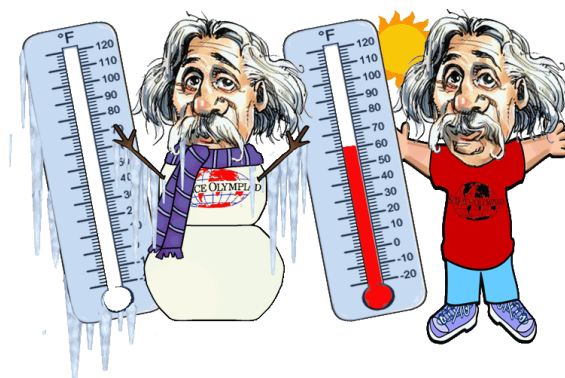
Part 2: Teams will answer multiple-choice format questions in a written test. They may be answered by each team at their own pace, within the allotted time.

Topics may include, but are not limited to, clouds and cloud formation, weather instruments, fronts, the atmosphere, the water cycle, severe weather, wind, seasons, weather terms, and precipitation types. The topics of **air masses, fronts, and winds** will be emphasized for this season.

SCORING:

The team with the highest score will win. The questions will be in multiple-choice format of 2, 3, or 4 options. Each question will be worth 1, 2, or 3 points based on the difficulty of the question.

There will be two tie-breaker questions. The first tie breaker will be based on the number of 3 point questions that are correct. The second tie breaker will ask a short answer question. Correct spelling and legibility is recommended to help prevent errors in scoring.



If a rule clarification is posted on the Macomb Science Olympiad website, the supervisor will score this event accordingly. Please visit: www.macombso.org/weather.