

“Weather or Not”

Science Olympiad Event

Number of Participants: 2 per team

Approximate time: 40 minutes

Resources: 5th and 6th grade science textbooks,
<http://sciencespot.net/Pages/kdzweather.html>,
<http://www.kidinfo.com/science/weather.html>,
<http://www.oar.noaa.gov/k12/html/forecasting2.html>

Students will be asked to identify cloud formations and weather map symbols from a handout and record their answers on a corresponding line on an answer sheet. The rest of the test will be done in a true or false, multiple choice or fill in the blank format. Tie breaker questions will be in short answer form.

Note: There will be 30 questions on the test.

Students should be familiar the following:

- cloud types
- the water cycle
- weather terms
- charts and be able to predict weather from maps
- types of fronts
- symbols used on weather maps
- atmospheric layers
- effects of global warming on weather patterns
- causes of catastrophic weather events
- global wind patterns
- readings from pictures or diagrams of weather instruments