

Name _____

Cloudy with a Chance of Understanding: How Clouds Form and Predict Weather

Open-Ended Response Questions

1. Research and describe a local weather phenomenon or event that was influenced by cloud formations. Discuss the impact of this weather event on your community and how cloud types played a role in its prediction.
2. Reflect on the importance of understanding cloud types and their connection to weather forecasting. How can this knowledge help individuals and communities prepare for changing weather conditions and potential hazards?
3. Imagine you are a meteorologist giving a presentation to a group of students about cloud formation and its significance in predicting the weather. Describe the key points you would cover and how you would engage your audience in learning about clouds.
4. Climate change can influence cloud patterns and behavior, affecting regional weather patterns and precipitation. Research and discuss how shifts in cloud cover and characteristics may impact different parts of the world and their ecosystems.

