

Name _____

The Magic of Clouds: How Do Clouds Form?

Open-Ended Response Questions

1. Explore the different types of clouds and their characteristics, including cirrus, cumulus, and stratus. Discuss their altitudes and what weather conditions they are associated with.
2. Investigate the environmental impact of pollutants as condensation nuclei and their potential role in cloud formation. Discuss the consequences of increased air pollution on cloud formation and the atmosphere.
3. Reflect on the importance of understanding cloud formation for aviation and its impact on flight safety and scheduling.
4. Discuss the global significance of cloud formation in climate regulation, including how clouds can either trap heat or reflect sunlight, affecting the Earth's temperature.

