

Name _____

Convection: The Dance of Heat and Cold

Open-Ended Response Questions

1. Imagine you are a meteorologist. How would your understanding of convection help you predict and explain weather patterns to the public?
2. Think of a scenario where convection might have a negative impact on our daily lives. Describe the situation and its potential consequences.
3. In what ways can humans harness convection for energy and heating purposes? Provide examples.
4. Convection not only occurs on Earth but also on other planets and celestial bodies. Explain how convection might work differently on Mars compared to Earth.

