

Name _____

Weather Wonders: Unraveling the Mysteries of Extreme Events

Open-Ended Response Questions

1. Investigate and describe a specific region that has recently experienced an extreme weather event like a drought or heatwave. Explain the factors that contributed to the event and its impact on the local community.
2. Reflect on the importance of early warning systems in mitigating the effects of extreme weather events. Provide examples of how advanced meteorological technology has improved disaster preparedness and response.
3. Imagine you are a city planner in a region prone to heatwaves. Describe the strategies you would implement in urban planning to reduce the urban heat island effect and keep residents safe during extreme heat events.
4. Discuss the role of individual actions and collective efforts in combating climate change and reducing the likelihood of extreme weather events in the future.

