

Name _____

Hot or Cold? How Temperature Affects the Speed of Chemical Reactions

Short Answer

1. Provide an example from daily life where temperature affects a chemical reaction and explain the impact.
2. How does temperature influence the rate of chemical reactions in car engines, and why is this important for vehicle performance?
3. Describe the environmental consequences of rising global temperatures on chemical reactions in the atmosphere and ocean chemistry.
4. Explain the concept of an exothermic reaction and provide an example of one.
5. Discuss why safety measures are essential when working with temperature-sensitive reactions.

