Name _____

What is a Chemical Reaction?

Open-Ended Response Questions

1. Imagine you mix vinegar (an acid) and baking soda (a base). What do you predict will happen, and why?

2. Think about a chemical reaction that occurs in the kitchen when cooking food. Describe the reactants, transformations, and products in that reaction.

3. Choose a chemical reaction from the list and explain its importance in everyday life. Provide real-life examples if possible.

4. If you wanted to design a new cleaning product, how might your understanding of chemical reactions be helpful in creating an effective formula?

© ReadingDuck.com