

Name _____

Everyday Examples of Chemical Reactions

Multiple Choice Questions

1. What causes bread dough to rise during baking?

- a) Sugar
- b) Water
- c) Yeast
- d) Salt

2. Which chemical reaction is responsible for the crispy, golden-brown exterior and rich flavor of fried foods?

- a) Photosynthesis
- b) Fermentation
- c) The Maillard reaction
- d) Corrosion

3. What pigment is responsible for the green color of leaves during the growing season?

- a) Iron oxide
- b) Chlorophyll
- c) Sugar
- d) Oxygen

4. Rust is a result of a chemical reaction involving which elements?

- a) Water and salt
- b) Water and iron
- c) Oxygen and sugar
- d) Carbon dioxide and iron

5. Which kitchen ingredients often create chemical reactions to enhance flavor and texture in recipes?

- a) Vinegar and baking soda
- b) Water and sugar
- c) Salt and oil
- d) Flour and milk

