

Lesson Goals:

Students will be able to :

- Learn to classify chemical reactions and how these classifications can help them predict the outcomes of chemical reactions.

Vocabulary:

- Synthesis
- Replacement
- Decomposition
- Combustion

Lesson Agenda:

- Welcome task.
- Explanation
- Activity : Problem solving
- Assessment
- Plenary

Success Criteria:

I can:

- Learn to classify chemical reactions and how these classifications can help them predict the outcomes of chemical reactions.

Classifying Chemical Reactions

Welcome Task

Critical Thinking
What is difference between single and double displacement reaction?

What are the characteristics of a chemical reaction?

Types of Chemical Reactions

1. Combination or Synthesis Reaction



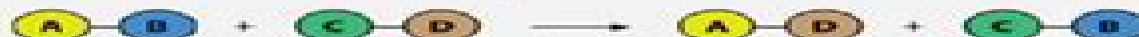
2. Decomposition Reaction



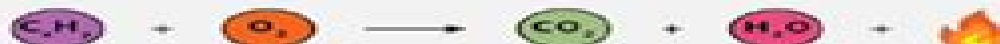
3. Single-replacement Reaction



4. Double-replacement Reaction

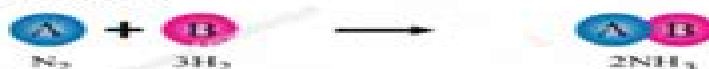


5. Combustion Reaction



Types of Chemical Reactions

Synthesis



Decomposition

Concept Review 83 Classifying Chemical Reactions

Guillaume Favre



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Chemistry: Core Concepts, 3rd Edition Allan Blackman, Daniel Southam, Gwendolyn Lawrie, Natalie Williamson, Christopher Thompson, 2024-01-09 The third edition of Chemistry Core Concepts Blackman et al has been developed by a group of leading chemistry educators for students entering university with little or no background in chemistry Available as a full colour printed textbook with an interactive eBook code this title enables every student to master concepts and succeed in assessment Lecturers are supported with an extensive and easy to use teaching and learning package

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New York State Journal of Medicine, 1961 **Russian Chemical Reviews**, 1997

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