



3055 BA SANGAM COLLEGE

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WORKSHEET 16

School: Ba Sangam College

Year/level: 10

Subject: Basic Science

NAME: _____

Strand	2	Matter
Sub Strand	2.3	Reactions
Content Learning Outcome	Investigate the different types of chemical reactions and discuss the factors that affect the rates of reactions.	

Lesson Notes – Chemical Reactions

Chemical Reactions- the process by which chemicals interact and a new substance is formed.

Evidence (observations) of chemical reactions

- Change in state
- Change in colour
- Release of a gas
- Change in temperature

Examples of a chemical reaction

- Pineapple becomes rotten.
- Food is cooked.
- Food gets digested in our body.
- We respire

Properties of chemical reaction

- New substance is formed
- Heat is often released
- Change is difficult to reverse.

Types of Chemical Reactions

1. Displacement Reaction
2. Precipitation
3. Synthesis
4. Oxidation and Reduction
5. Electrolysis-Electroplating

Exercise

1. What is a chemical reaction? Give two examples.

(3 marks)

2. State two observations that tells you that a chemical reaction is taking place.

(2 marks)

2. State 2 properties of a chemical reaction.

(2 marks)

3. State 3 types of chemical reactions.

(3 marks)

TOTAL:

