

CONTENT PER TERM

• NATURAL SCIENCE •

GRADE 6

TERM 1

• Photosynthesis • Nutrition • Food Processing • Ecosystems •

TERM 2

• Matter & Materials •

TERM 3

• Electrical Circuits • Circuit Diagrams • Electrical Conductors & Insulators •
• Systems to Solve Problems • Mainstream Electricity •
• The Cost of Electricity • Illegal Connections •
• Renewable Ways to Generate Electricity •

TERM 4

• The Solar System • The Motion of the Earth, the Planets & the Moon •
• Systems for the Study of Space • Systems for Exploring the Moon & Mars •

EXAMPLE: **EXTRACT FROM A TEST PAPER**



• **NATURAL SCIENCE** •

GRADE 6

TERM 1

• **Photosynthesis • Nutrition • Food Processing • Ecosystems •**

Section A | Definitions

1. Give one word for the following:
 - 1.1 Two or more parts working together to achieve a goal _____
 - 1.2 Energy source consisting of carbon compounds _____
 - 1.3 Energy stored in a substance that can be released during a chemical reaction _____

2. Give the definition of:
 - 2.1 Fuel _____
 - 2.2 Starch _____
 - 2.3 Process _____

3. Identify the correct food group:
 - Foods for energy: _____
 - Foods for growth and repair: _____
 - Foods for energy storage: _____
 - Foods for maintaining a healthy body and immune system: _____

4. Give one word or term for:
 - 4.1 A complex process of removing harmful organisms from food to make it edible _____
 - 4.2 The process used in making bread and cheese _____

Section B | True or False

1. Are the following statements True or False?
 - 1.1 Most natural foods contain a mixture of more than one food group _____
 - 1.2 Most processed foods contain added salt, sugar, and preservatives _____

- 1.3 Lean people cannot get diabetes _____
- 1.4 Food processing can lead to the loss of nutrients _____
- 1.5 Fermentation reduces the nutritional value of food _____
- 1.6 All bacteria are harmful _____
- 1.7 When food is dehydrated, water is removed from it _____
- 1.8 Food webs represent the food relationships between plants and animals _____
- 1.9 In a healthy ecosystem, a plant/animal dominates the ecosystem _____
- 1.10 Decomposers are nature's recyclers _____
- 1.11 Protea only grows naturally in South Africa _____

Section C | Mixed Questions

1. What are the 6 rules for scientific drawings?

2. What is the **Law of Conservation of Energy**?
