



ROMAN CATHOLIC BISHOP OF NOVALICHES EDUCATIONAL SYSTEM (RCBN-ES, Inc.)

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Pointers for Review
3rd Periodic Examination
School Year 2019 – 2020

SCIENCE G3

A. Forces and Motion

1. Indicators of Motion: Reference Point
2. Forces that Causes Movements of Objects
 - ✓ Wind
 - ✓ Water
 - ✓ Gravity
 - ✓ Magnetism
3. Types of Movements
 - ✓ Balanced and Unbalanced
 - ✓ Inertia
 - ✓ Action and Reaction

B. Forms of Energy

1. Light Energy
 - ✓ Sources and Uses of Light
 - ✓ Behavior of Light
2. Sound Energy
 - ✓ Sources and Uses of Sound
 - ✓ Travelling of Sound
3. Heat Energy
 - ✓ Sources and Uses of Heat
4. Electrical Energy
 - ✓ Conductors and Insulators
 - ✓ Proper use of Electricity
5. Wise and safe use of Light, Sound, Heat and Electricity

SCIENCE G6

I. Description of Forces

- Kinds of Forces
- Gravitational Forces
- Frictional Forces

II. Energy: Its Form and Transformation

- Types and Forms of Energy
- Uses of the Different Forms of Energy
- Transformation of Energy
- Simple Machines (Examples and Uses/Applications)

SCIENCE G7

1. Motion in One Dimension

- Distance or Displacement
- Speed or Velocity
- Acceleration
- Motion graphs and visual chart

2. Waves

- Types of Waves
- Characteristics of Waves
- Amplitude
- Wavelength
- Wave Velocity

3. Sound

Characteristics of sound

- 1.1.Pitch
- 1.2 Loudness
- 1.3 Quality

4. Light

Characteristics of Light

- Intensity or Brightness
- Color

5. Heat

Heat Transfer

- Conduction
- Convection
- Radiation

6. Electricity

- Charges
- Charging processes

SCIENCE G8

I. The Particle Nature of Matter

- Properties of Solids, Liquids and Gases
- Phase Changes of Matter
- Elements, Compounds, and Mixtures

II. Atomic Structure

- Development of Atomic Structure
- The Subatomic Particles
- Atomic Number and Mass Number of an Atom
- Electron Configuration

III. Periodic Table of Elements

- Development of the Periodic Table of Elements
- The Modern Periodic Table
Arrangement of the Elements
(Groups, Periods, Metals, Nonmetals, and Metalloids)
- Trends in the Periodic Table