



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

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POINTERS TO REVIEW IN SCIENCE 8

School Year 2017 – 2018

FOURTH QUARTER

I. Organs of the digestive system and their interaction with organs of the respiratory, circulatory, and excretory systems

- A. Process of Digestion
- B. Changes in food as it undergoes physical and chemical digestion
- C. Diseases resulting from nutrient deficiency and ingestion of harmful substances
- D. Prevention, detection, and treatment of diseases

II. Cell Cycle

- A. Stages of mitosis
- B. Stages of meiosis
- C. Comparison of Mitosis from Meiosis

III. Patterns of Mendelian Genetics

IV. Linnaean System of Classification

V. Transfer of Energy in Trophic levels

VI. The flow of materials in the ecosystem: Biogeochemical cycle

- Water Cycle
- Carbon Dioxide
- Oxygen Cycle
- Nitrogen Cycle
- Phosphorus Cycle

VII. Impact of Human Activities in an Ecosystem