

**Saint Joseph Junior High - Science 7
2008-2009**

I. Scientific Processes

- a. Laboratory Safety
- b. Laboratory Tools
- c. Scientific Method
- d. Standardized laboratory Write- ups
- e. Technology
- f. Mathematics and Science integration
 - 1. graphs
 - 2. range, median mode
 - 3. averages and percentages
 - 4. measurements- SI units
 - 5. Scientific Notation
- g. Science and society

II. Life Sciences

- a. Characteristics of Life
- b. Classification of Living things
- c. Animal Cell Structure and Function
- d. Plant Cell Structure and Function
- e. Photosynthesis and Respiration
- f. Changes in Life Cycles
- g. The Principles of Genetics
- h. DNA
- i. Human Body Systems

III. Ecosystems and Ecology

- a. Population
- b. Stewardship
- c. Biodiversity