

## **LIFE SCIENCE 7A**

The purpose of this course is to give the student some tools for examining our living world. The student should discover that there are definite approaches to finding out about living things.

### Unit I - Introduction to Science, Skills and Methods

1. Scientists and the scientific method
2. Equipment and apparatus
3. Classification of living things

### Unit II - Life Processes

1. Cells and cell parts
2. Cell division
3. Heredity and genetics
4. Health and diseases

### Unit III - Diseases

1. Contagious
2. Non-contagious

### Unit IV - Plants

1. Plant structure and function
2. Seed producing plants, moss, and ferns
3. Plant reproduction
4. Products made from plants

### Unit V - Animals (Invertebrates)

1. Sea animals, including sponges, mollusks, and cnidarians
2. Arthropods
3. Crustaceans