

# PHYSICAL SCIENCE A

## SEQUENCE

### **Unit 1 - Methods of Investigation and Classification**

1. Forming a Hypothesis
2. Problem solving
3. The Planets
4. Finger Print Histogram
5. Metric Track Meet
6. Pendulums
7. Classification of Animals and Plants
8. Order in the Universe

### **Unit 2 - Physical Science**

1. Introduction to Physics
2. Molecules in Motion
3. Chemical Reaction Rates
4. Energy forms
5. Velocity, Acceleration and Force
6. Laws of Motion
7. Machines

### **Unit 3 - Physical Science**

1. Magnetism and Electricity
2. Heat and Temperature
3. Harnessing Energy, Using Fuel
4. Careers in Physics and Energy Conservation

### **Unit 4 - Plants**

1. Living Organism
2. The Cell
3. Viruses, Protist and Fungi
4. Higher Plants
5. Reproduction of Flowering Plants
6. Photosynthesis

### **Unit 5 - Animals**

1. A survey of animals
2. Feeding Habitats
3. Body adaptations
4. Senses and Behaviors
5. The Human body
6. Reproduction and Heredity
7. Careers in Zoology