

Curriculum outcomes- Grade 5 science

STSE

104-2 demonstrate and describe processes for investigating scientific questions and solving technological problems

SKILLS

204-1 propose questions to investigate and practical problems to solve

205-1 carry out procedures to explore a given problem and to ensure a fair test of a proposed idea, controlling major variables

205-2 select and use tools in manipulating materials and in building models

205-7 record observations using a single word, notes in point form, sentences, and simple diagrams and charts

206-2 compile and display data, by hand or by computer, in a variety of formats including frequency tallies, tables, and bar graphs

KNOWLEDGE

302-4 describe the role played by body systems in helping humans and other animals to grow and reproduce and to meet their basic needs

302-5c describe the structure and function of the major organs (nose, trachea, lungs, diaphragm) of the respiratory system

302-5d describe the structure and function of the major organs (heart, blood vessels (arteries, veins, capillaries), and blood) of the circulatory system

302-6 demonstrate how the skeletal, muscular, and nervous systems work together to produce movement

302-9 describe nutritional and other requirements for maintaining a healthy body

PHYSICAL EDUCATION GRADE 5 THEME- Fitness

IN MOVEMENT

1. Perform a variety of activities that contribute to fitness. (GCO 1, KSCO 1,2, 5, 6, 7)

ABOUT MOVEMENT

2. Demonstrate an understanding of fitness and its contribution of health. (GCO 2, KSCO 5; GCO 3, KSCO 4)

THROUGH MOVEMENT

3. Demonstrate respect for individual differences and needs. (GCO 4, KSCO 1, 2)

4. Explain the relationship between healthy living and fitness. (GCO 6, KSCO 1, 4)

Grade 5 Health Curriculum

Nutrition

The grade five student will:

5. Identify the relationships that exist between certain health problems and nutrition, for example, the effects of high energy food and weight control on the circulatory system,

Physical Growth and Development

The grade five student will:

1. Identify the parts and functions of the circulatory system,
2. Propose ways to maintain a healthy circulatory system,
3. Identify the parts and functions of the respiratory system,
4. Propose ways to maintain a healthy respiratory system,