

## **GRADE 8 SCIENCE**

### **OBJECTIVES**

- (i) To increase the student's understanding of science through the understanding of cells, systems in action, fluids and water systems
- (ii) To develop the student's problem-solving and investigation skills through lessons, practice problems and assessments.
- (iii) To aid students in the evaluation of technology in the world and to help them appreciate the importance of science in everyday life.

### **COURSE TEXTS**

Lessons are based on the Ontario Curriculum for Grade 8 Science. Pictures and materials are taken from Nelson Science & Technology Perspectives 8 (2009).

### **STUDY AIDS**

Please check the course website regularly for lecture notes and additional resources. Students are expected to bring the following to each class:

- Lecture notes
- Paper/Notebook
- Pen/Pencil
- Calculator

### **HOMEWORK**

Students will be given 15-20 questions for homework each week. Students are expected to complete the homework before the next class. Marks from the homework will be recorded.

### **EVALUATION**

Students will be assessed regularly through tests after every unit.

Test 1: Cells

Test 2: Systems in Action

Test 3: Fluids

Test 4: Water Systems

## COURSE SCHEDULE

Class	Description
1	Cells (1)
2	Cells (2)
3	Cells (3)
4	Cells (4)
5	<b>Quiz 1: Cells</b>
6	Systems in Action (1)
7	Systems in Action (2)
8	Systems in Action (3)
9	<b>Quiz 2: Systems in Action</b>
10	Fluids (1)
11	Fluids (2)
12	Fluids (3)
13	Fluids (4)
14	<b>Quiz 3: Fluids</b>
15	Water Systems (1)
16	Water Systems (2)
17	Water Systems (3)
18	<b>Quiz 4: Water Systems</b>