

## GRADE 10 SCIENCE

### OBJECTIVES

- (i) To increase the student's understanding of science through the study of chemical reactions, systems of living things, light and optics and climate change.
- (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 10 Science. Pictures and materials are taken from Nelson Science Perspectives 10 (2010).

### 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 10-15 questions for homework each class. Students are expected to complete the homework before the next class. Marks from the homework will be recorded and report cards will be emailed to parents during the middle and end of the course.

### EVALUATION

Students will be assessed regularly through quizzes each class and tests:

- Midterm Test – Chemistry & Biology  
Final Test – Optics & Climate Change

### TEACHER INFORMATION

Teacher Name/Contact Info: \_\_\_\_\_

### MAKE-UP SESSIONS

- Science G10-1 (Mon & Thu 2:00pm-4:15pm)  
Science G10-2 (Mon & Thu 4:30pm-6:45pm)  
Science G10-6 (Tue & Fri 11:30pm-1:45pm)  
Science G10-9 (Tue & Fri 2:00pm-4:15pm)  
Science G10-3 (Tue & Fri 4:30pm-6:45pm)  
Science G10-4 (Tue & Fri 7:00pm-9:15pm)  
Science G10-5 (Sat & Sun 9:00am-11:15am)

## Olympiads: Grade 10 Science

Class	Date	Description
1	Jun 29 / Jun 30 / Jul 4	Chemistry: Chemical Reactions (1)
2	Jul 2 / Jul 3 / Jul 5	Chemistry: Chemical Reactions (2)
3	Jul 6 / Jul 7 / Jul 11	Chemistry: Chemical Reactions (3)
4	Jul 9 / Jul 10 / Jul 12	Biology: Systems of Living Things (1)
5	Jul 13 / Jul 14 / Jul 18	Biology: Systems of Living Things (2)
6	Jul 16 / Jul 17 / Jul 19	Biology: Systems of Living Things (3)
7	Jul 20 / Jul 21 / Jul 25	Review: Chemistry & Biology
8	Jul 23 / Jul 24 / Jul 26	<b>Midterm Test: Chemistry &amp; Biology</b>
9	Jul 27 / Jul 28 / Aug 1	Physics: Light and Optics (1)
10	Jul 30 / Jul 31 / Aug 2	Physics: Light and Optics (2)
11	Aug 2 / Aug 4 / Aug 8	Physics: Light and Optics (3)
12	Aug 6 / Aug 7 / Aug 9	Earth and Space Science: Climate Change (1)
13	Aug 10 / Aug 11 / Aug 15	Earth and Space Science: Climate Change (2)
14	Aug 13 / Aug 14 / Aug 16	Earth and Space Science: Climate Change (3)
15	Aug 17 / Aug 18 / Aug 22	Review: Physics & Climate Change
16	Aug 20 / Aug 21 / Aug 23	<b>Final Test: Physics &amp; Climate Change</b>