

Henry Street High School

SNC 2P1

Grade 10 Applied Science

COURSE OUTLINE

COURSE DESCRIPTION

This course enables students to develop a deeper understanding of concepts in biology, chemistry, physics and earth and space science. Students will explore the interrelationships between science, technology, and the environment. They will also learn to apply their knowledge of science to real-world situations..

UNITS OF STUDY

UNIT 1 – Chemistry- Chemical Reactions and Practical Applications

UNIT 2 – Biology – Tissues, Organs and Systems

UNIT 3 – Physics – Light and Applications of Optics

UNIT 4 – Earth and Space Science – Earth’s Dynamic Climate

UNIT 5 - Scientific Investigation Skills and Career Exploration

ASSESSMENT AND EVALUATION

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Each unit may include the following strategies:

- ❖ Quizzes
- ❖ Lab Activities
- ❖ Assignments
- ❖ Computer Activities
- ❖ Tests/Unit Tests

SUMMATIVE EVALUATIONS

Summative evaluations will include marks from at least one of the following categories:

Knowledge	35%
Thinking/Inquiry	35%
Application	15%
Communication	15%

FINAL EVALUATION

Term Work	70%
Final Summative Evaluation	30%

OTHER INFORMATION

TEXTBOOK: Nelson Science Connections 10 - \$80

EQUIPMENT: Binder, calculator, pen, pencil, ruler, paper, graph paper