

# Henry Street High School

## SNC 2D1 Grade 10 Academic 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 and further develop their skills in scientific inquiry and investigation..*

**UNITS OF STUDY**

- UNIT 1** – Chemistry- Chemical Reactions
- UNIT 2** – Biology – Tissues, Organs and Systems
- UNIT 3** – Physics – Light and Geometric Optics
- UNIT 4** – Earth and Space Science – Climate Change
- 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	40%
Thinking/Inquiry	35%
Application	15%
Communication	10%

#### FINAL EVALUTION

Term Work	70%
Final Summative Evaluation	30%

### OTHER INFORMATION

**TEXTBOOK:** Nelson Science Perspectives 10 - \$80

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