

Henry Street High School

SNC 1D1 Grade 9 Academic Science COURSE OUTLINE

COURSE DESCRIPTION

The course description enables students to understand basic concepts in biology, chemistry, physics and earth and space science. Students will develop skills in the processes of scientific inquiry and learn to relate science to technology, society and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation and explore careers related to science..

UNITS OF STUDY

- UNIT 1** – Biology – Sustainable Ecosystems
- UNIT 2** – Chemistry – Atoms, Elements and Compounds
- UNIT 3** – Physics – The Characteristics of Electricity
- UNIT 4** – Earth and Space Science – The Study of the Universe
- UNIT 5** – Scientific Investigation Skills and Career Exploration

ASSESSMENT AND EVALUATION

ASSESSMENT AND EVALUATION

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 EVALUATION

Term Work	70%
Final Summative Evaluation	30%

OTHER INFORMATION

TEXTBOOK: Nelson Science Perspectives 9 - \$80

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