

 **Mathematics 8 (NO FINAL EXAM)
Course Description for September 2019
Level of Instruction**: **Intermediate**

**Curriculum Overview**The Grade 8 Mathematics Program builds upon skills developed in previous grades. Topics in the programs (Grades K-9) are organized into four strands: Number, Patterns & Relations, Shape & Space, and Statistics & Probability. Activities that take place in the mathematics classroom should stem from a problem-solving approach and lead to an understanding of the nature of mathematics through specific knowledge, skills and attitudes among and between stands.

**Authorized Learning Resources**

* Curriculum Guide: <http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/mathematics/grade8/Mathematics_Grade8_Curriculum_Guide_final.pdf>
* Resource List:
<http://www.ed.gov.nl.ca/edu/k12/curriculum/documents/resourcelists/rl_math_gr8_2013.pdf>

 **Course Sequence**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  **Unit (Guide)** | **Categories(Gradebook)** | **Chapters(Text)** | **Approximate # of Weeks of Instruction (including evaluation)** | **Category Weighting****(Gradebook)** |
| 1 | Square Roots and the Pythagorean Theorem | 1 | 4 | 13.3% |
| 2 | Integers | 2 | 3 | 10.0% |
| 3 | Operations with Fractions | 3 | 4 | 13.3% |
| 4 | Measuring Prisms and Cylinders | 4 | 5 | 16.7% |
| 5 | Percent, Ratio, and Rate | 5 | 5 | 16.7% |
| 6 | Linear Equations and Graphing | 6 | 4 | 13.3% |
| 7 | Data Analysis and Probability | 7 | 2 | 6.7% |
| 8 | Geometry | 8 | 3 | 10.0% |

Weightings of assessments within each Unit Based Category can be found [here](https://docs.google.com/document/d/1MUryu0t7eGW4Jdl1jAMaEO2DN84wu3FhhlSZ2GBFJ0c/edit?usp=sharing)