**Mathematics 9 (NO FINAL EXAM)  
Course Description for September 2019  
Level of Instruction**: **Intermediate** 

**Curriculum Overview**The Grade 9 Mathematics Program builds upon skills developed in previous grades. Topics in the programs (Grades K-9) are organized in 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/grade9/Mathematics_Grade9_Curriculum_Guide_2014.pdf>
* Resource List:  
  <http://www.ed.gov.nl.ca/edu/k12/curriculum/documents/resourcelists/rl_math_gr9_2015.pdf>

**Course Sequence**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Unit  (Guide)** | **Categories (Gradebook)** | **Chapters (Text)** | **Approximate # of Weeks of Instruction (including evaluation)** | **Category Weighting**  **(Gradebook)** |
| 1 | Square Roots and Surface Area | 1 | 3 | 10.0% |
| 2 | Powers and Exponent Laws | 2 | 3 | 10.0% |
| 3 | Rational Numbers | 3 | 4 | 13.3% |
| 4 | Linear Relations | 4 | 4 | 13.3% |
| 5 | Polynomials | 5 | 3 | 10.0% |
| 6 | Linear Equations and Inequalities | 6 | 4 | 13.3% |
| 7 | Similarity and Transformations | 7 | 4 | 13.3% |
| 8 | Circle Geometry | 8 | 3 | 10.0% |
| 9 | Probability and Statistics | 9 | 2 | 6.8% |

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