**Mathematics Grade 7**

**Long Term Plan**

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| **Month** | **Unit** | **Strand** |
| **September** | **Unit 1-** Patterns in Whole Numbers | Patterning  |
| **October** | **Unit 2-** Ratio and Rate **Unit 3-** Sketching views of solids, and nets-Building objects from nets ( 3D robots) | Number Sense and NumerationGeometry |
| **November** | **Unit 3 continued-** Surface area and volume-Using variables | Geometry |
| **December** | **Unit 4-**Fractions and Decimals | Number Sense and Numeration  |
| **January** | **Unit 5-** Collecting and Evaluating data, line graphs **Unit 6-** Area of a parallelogram, triangle and trapezoid | Data ManagementMeasurement  |
| **February** | **Unit 7-** Congruent fugures, tansformations, tiling patterns | Geometry |
| **March** | **Unit 8 –** Relating Fractions, decimals and percents-Drawing circle graphs | Number Sense and Numeration Data Management  |
| **April**  | **Unit 9-** Comparing and Ordering Integers**Unti 10-**Patterning -Number patterns and graphing patterns | Patterning  |
| **May**  | **Unit 10 Continued-**Algebra-Reading and writing equations-variables adn expressions**Unit 11-**Listing outcomes, experimental and theoretical probability | Patterning Probability  |
| **June**  | **Final Exam Preperation** | **All strands** |