**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 Numeration  Geometry |
| **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 Management  Measurement |
| **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** |