**Math Grade 5**

**Yvonne Toney / Stephen Stewart**

**2014-2015 Course Outline Langdon School**

**Goal of Mathematics**

Students will develop numeracy through simple mathematical experiences, gradually taking on problems that require multi-step solutions. Through the use of manipulatives and working with a variety of materials, students will discuss and develop links among concrete, pictorial, and symbolic representations of mathematical concepts.

**Overview of Mathematics 5**

Students will further their understanding of number patterns & relations and rational numbers, and they will apply their skills to solve complex problems. Their understanding of rational numbers will be honed further in the analysis of data and the exploration of statistics and probability.

**Units Covered**

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| **Timeline** | **Unit of Study** |
| September | Patterns and Relations  |
| October-February | Number Concepts and Operations |
| March-May | Shape and Space |
| June | Statistics and Probability |
| Throughout the year | Problem Solving |

**Assessment Structure**

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| Tests and Quizzes | 50% |
| Conversations and Observations | 15% |
| Projects and Assignments | 35% |