Gerry Richard

Grade 6 Math

Term 3 Outline

**Unit 5 Fractions, Ratios, and Percents**

Outcomes covered:

SCO: **N4: Relate improper fractions to mixed numbers.**

SCO: **N5: Demonstrate an understanding of ratio, concretely, pictorially and symbolically.**

SCO: **N6: Demonstrate an understanding of percent (limited to whole numbers) concretely, pictorially and symbolically.**

**Unit 7 Data Analysis and Probability**

SCO: **SP1: Create, label and interpret line graphs to draw conclusions.**

SCO: **SP2: Select, justify and use appropriate methods of collecting data, including:**

* **questionnaires**
* **experiments**
* **databases**
* **electronic media.**

SCO: **SP3: Graph collected data and analyze the graph to solve problems.**

SCO: **SP4:** **Demonstrate an understanding of probability by:**

* **identifying all possible outcomes of a probability experiment**
* **differentiating between experimental and theoretical probability**
* **determining the theoretical probability of outcomes in a probability experiment**
* **determining the experimental probability of outcomes in a probability experiment**
* **comparing experimental results with the theoretical probability for an experiment.**

**Unit 8 Transformations**

SCO: **SS6:** **Perform a combination of translation(s), rotation(s) and/or reflection(s) on a single 2-D shape, with and without technology, and draw and describe the image.**

SCO: **SS7: Perform a combination of successive transformations of 2-D shapes to create a design, and identify and describe the transformations.**

SCO: **SS8: Identify and plot points in the first quadrant of a Cartesian plane using whole number ordered pairs.**

SCO: **SS9: Perform and describe single transformations of a 2-D** **shape in the first quadrant of a Cartesian plane** **(limited to whole number vertices).**

Grading:

Test 45%

Quiz 25%

Mental Math 10%

Class Work 10%

Homework 10%

\*Two students in the grade 6 classes will be following the NB Grade 4 Curriculum. They will follow the class unit by unit but will cover the grade 4 outcomes.

\* Maths Mansion videos will be shown periodically throughout the term to reinforce concepts covered in each unit.