**Mathematics 6 Outline**

**Mr. Graeme McFarlane**

**2022-2023**

***Hello and welcome to Math 6!*** Together let us best support your child in developing their mathematical concepts and skills.

Work is expected to be completed in class if it is not, work will be the responsibility of the student to complete at home.

**“Practice makes progress!”**

I am available for help and support outside of regular class time. Please phone the school or email me if you have any questions [Graeme.McFarlane@lethsd.ab.ca](mailto:Graeme.McFarlane@lethsd.ab.ca).

**Our course objectives are for students to:**

• use mathematics confidently to solve problems

• communicate and reason mathematically

• appreciate and value mathematics

• make connections between mathematics and its applications

• commit themselves to lifelong learning

• become mathematically literate adults, using mathematics to contribute to society

**Curriculum Strands (Program of Studies, Math 6):**

Number; Develop number sense

Patterns and Relations (Patterns, Variables and Equations)

Shape and Space (Measurement, 3-D Objects and 2-D Shapes, Transformations)

Statistics and Probability (Data Analysis, Chance and Uncertainty)

**Assessment:**

Class Assignments 30%

Quizzes, Tests, Exams 70%

**Resources:**

Math Makes Sense 6 textbook, Math Makes Sense 6 workbook

IXL Math, Math focused websites, manipulatives, Fact Fluency Mathkit

**Sequence of Instruction (dates are approximate):**

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| **Months** | **Unit** | **Resources** |
| **September-October** | Understanding Number | Math Makes Sense (MMS) Unit 2 |
| **October** | Decimals | MMS Unit 3 |
| **November-December** | Fractions, Ratios, Percentages | MMS Unit 5 |
| **January** | Geometry and Measurement | MMS Unit 6 |
| **January -February** | Angles and Polygons | MMS Unit 4 |
| **February-March** | Transformations | MMS Unit 8 |
| **March -April** | Pattern and Equations | MMS Unit 1 |
| **May** | Data Analysis & Probability | MMS Unit 7 |
| **June** | *Review*  ***\*Gr. 6 Math Provincial Achievement Test (P.A.T.)***  ***Part A and Part B*** |  |

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