**Mathematics 6**

**Mr. Graeme McFarlane**

**2018-2019**

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 students to complete at home.

“Practice makes better!”

I am available for further study out of class. Please phone the school or email me if you have any questions 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

Math Focus 6 textbook

Math focused websites, Mathletics, and manipulatives

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

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| **Months** | **Unit** | **Resources** |
| **September** | Pattern and Equations | Math Makes Sense Unit 1 |
| **October** | Understanding Number,  | MMS Unit 2 |
| **November** | Understanding Number, Continued | MMS Unit 2 |
| **December** | Decimals | MMS Unit 3 |
| **January** | Fractions, Ratios, Percentages | MMS Unit 5 |
| **February** | Geometry and Measurement  | MMS Unit 6 |
| **March** | Data Analysis & Probability | MMS Unit 7 |
| **April** | Angles and Polygons | MMS Unit 4 |
| **May** | Transformations | MMS Unit 8 |
| **June** | *Review* ***Gr. 6 Math PAT’s. Part A and B 75mins (+1/2hr)*** |  |

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Thank you,

Graeme McFarlane