

Henry Street High School

MAT 2L1

Essentials of Mathematics, Grade 10, Locally Developed

COURSE OUTLINE

COURSE DESCRIPTION

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives and in the workplace. The focus of this course is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Topics covered in this course include money matters, imperial and metric measurement, cooking, sports and leisure, dining out, home improvement, healthy choices, and the world of work.

UNITS OF STUDY

- UNIT 1** – Working for Money
- UNIT 2** – Spending Money
- UNIT 3** – Metric Measurement
- UNIT 4** – Imperial Measurement
- UNIT 5** – Circles
- UNIT 6** – Circles and Angles
- UNIT 7** – Ratio and Rate
- UNIT 8** – Planning a Trip
- UNIT 9** – Circles and Cylinders
- UNIT 10** – Gardens, Patios and Pools

ASSESSMENT AND EVALUATION

ASSESSMENT STRATEGIES

- ❖ Unit Tests
- ❖ Quizzes
- ❖ Journals
- ❖ Investigations
- ❖ Inquiries
- ❖ Projects
- ❖ Assignments
- ❖ Final Summary Booklet
- ❖ Final Examination

EVALUATION

- ❖ Termwork 70%
- ❖ Final Summative Evaluation 30%

OTHER INFORMATION

CLASS REQUIREMENTS

- ❖ Workbook: Math Essentials 10, McGraw-Hill Ryerson
- ❖ Equipment: Scientific calculator, 3-ring binder, lined paper, graph paper, pencil, coloured pens or pencils, eraser, ruler, geometry set