

MEL 3E/4E – Mathematics for Everyday Life



Syllabus

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel; investigate questions involving the use of statistics; apply the concept of probability to solve problems involving familiar situations; investigate accommodation costs, create household budgets, and prepare a personal income tax return; use proportional reasoning; estimate and measure; and apply geometric concepts to create designs. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. This course helps a Catholic school student to become a self-directed, responsible, lifelong learner who demonstrates a confident and positive sense of self and respect for the dignity and welfare of others.

Units

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|------------------------------|---------------------------------|
| 1. Money and Purchasing | 2. Simple and Compound Interest |
| 3. Transportation and Travel | 4. Budgets and Income Tax |
| 5. Housing | 6. Statistics |
| 7. Probability | 8. Geometry in Design |

Materials

Notebook, Pen, Pencil, Scientific Calculator, Geometry Set, Internet Access*

Evaluation

Knowledge / Understanding (K/U): 15%	Communication (C): 15%
Application, Thinking & Inquiry, Problem Solving (ATIPS) : 35%	
Attendance and Participation: 10%	Final Project: 10%
Exam: 15%	

Classroom Policy / Assignment and Test Guideline

Full document available on the website (see below); outline on reverse of this page.

Contact

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I am on prep period 1 this semester; thus, mornings are the best time to call.