



Course Information Sheet

SCHOOL YEAR

September 2012

TEACHER Mrs. M. Fujs, Mrs. MB Mariani

DEPARTMENT HEAD Mrs. K. Ryan

COURSE CODE
(click for code) **MPM1D**

Course Name/Grade, Type, Prerequisite and Description will automatically fill in.

COURSE NAME/GRADE **Principles of Mathematics, Grade 9, Academic**

COURSE TYPE Mathematics

CREDIT VALUE [Click here](#)

PREREQUISITE None

COURSE DESCRIPTION

DESCRIPTION of course as found in the course of study outline:

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Addendum to course description (up to 30 word maximum).

BOTH TERM WORK AND THE FINAL SUMMATIVE EVALUATION ARE BASED ON THE FOLLOWING ACHIEVEMENT CHART WEIGHTINGS:

Thinking **15 %** Application **35 %** Communication **15 %** Knowledge/Understanding **35 %**

COURSE OVERVIEW	DESCRIPTION OF TERM WORK		ESTIMATED TIME	} = 100% of Term Work and 70% of final report card mark
	1	Mathematical Processes	8 hours	
	2	Relations	11 hours	
	3	Polynomials	12 hours	
	4	Equations	15 hours	
	5	Modelling with Graphs	15 hours	
	6	Analyse Linear Relations	16 hours	
	7	Geometric Relations	11 hours	
	8	Measurement Relations	10 hours	
	9	Optimizing Measurements	12 hours	
DESCRIPTION OF THE FINAL SUMMATIVE EVALUATION (FSE)				} = 100% of FSE and 30% of final report card mark
Final Summative Evaluation may include: Final Exam Cumulative Assignment In-Class Exam EQAO (10% of Final Grade)				
The FSE is completed in the last 4-6 weeks for semestered schools and in the last 6-8 weeks for non-semestered schools. No exemptions are permitted on any component of the FSE.				100% of final report card mark

THE FOLLOWING ASSESSMENT STRATEGIES WILL BE USED THROUGHOUT THE COURSE:

PERFORMANCE PRODUCTS	<input type="checkbox"/> story	<input checked="" type="checkbox"/> booklet/pamphlet/poster	PERFORMANCE DEMONSTRATIONS (live or tape)	<input type="checkbox"/> debate	<input checked="" type="checkbox"/> simulation
	<input type="checkbox"/> play	<input checked="" type="checkbox"/> manual/brochure		<input type="checkbox"/> role play	<input type="checkbox"/> seminar
	<input type="checkbox"/> poem	<input type="checkbox"/> musical composition		<input type="checkbox"/> dialogue	<input checked="" type="checkbox"/> oral presentation
	<input type="checkbox"/> review/critique	<input type="checkbox"/> performance appraisal		<input type="checkbox"/> recital	<input checked="" type="checkbox"/> visual presentation
	<input checked="" type="checkbox"/> game	<input type="checkbox"/> other (please specify)		<input type="checkbox"/> retelling	<input type="checkbox"/> artistic performance
	<input checked="" type="checkbox"/> research paper/project			<input type="checkbox"/> performance	<input type="checkbox"/> portfolio
				<input type="checkbox"/> lab/experiment	<input type="checkbox"/> other (please specify)

PERSONAL COMMUNICATION	<input checked="" type="checkbox"/> classroom discussion	<input checked="" type="checkbox"/> questionnaire/survey	PAPER/PENCIL	<input checked="" type="checkbox"/> quiz	<input checked="" type="checkbox"/> exam
	<input type="checkbox"/> interview	<input checked="" type="checkbox"/> self-assessment		<input checked="" type="checkbox"/> test	<input type="checkbox"/> essay
	<input type="checkbox"/> conference	<input type="checkbox"/> peer assessment		<input type="checkbox"/> other (please specify)	
	<input checked="" type="checkbox"/> reflective or response journal	<input type="checkbox"/> other (please specify)			
	<input type="checkbox"/> learning log				
	<input type="checkbox"/> oral test/exam/report				

COURSE RESOURCES

Text: Principles of Mathematics 9	

STUDENT RESPONSIBILITIES	LEARNING SKILLS AND WORK HABITS
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<p>Students are responsible for:</p> <ul style="list-style-type: none"> ◆ complying with the GECDSD acceptable computer use policy ◆ providing evidence of their achievement ◆ demonstrating academic honesty ◆ completing work to the best of their ability ◆ submitting work to teachers on time ◆ attending classes and being active participants in the learning and assessment process ◆ communicating with teachers when there is difficulty in meeting timelines ◆ ensuring that missed work is completed within pre-established timelines ◆ communicating to parents assessment and evaluation methods and pertinent due dates and timelines for work submission ◆ complying with school code of conduct policy and classroom expectations as outlined by the teacher 	<p>The development of learning skills and work habits is an integral part of a student's learning. The following learning skills and work habits will be assessed and evaluated:</p> <ul style="list-style-type: none"> • Responsibility • Organization • Independent work • Collaboration • Initiative • Self-regulation
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FOR MORE INFORMATION GO TO www.publicboard.ca AND FOLLOW THE PARENT LINK

Dear Parents/Guardians:
Please read, sign and return this Course Information Sheet with your son/daughter.
If you have any questions, please contact the school.

Signature of Student

Signature of Parent/Guardian

Date