



GREATER ESSEX
COUNTY DISTRICT
SCHOOL BOARD
www.publicboard.ca

SANDWICH SECONDARY SCHOOL

Course Information Sheet

SCHOOL YEAR

September 2013

TEACHER	Mrs. MB Mariani	DEPARTMENT HEAD	Mrs. K. Ryan
COURSE CODE (click for code)	MFM1P Course Name/Grade, Type, Prerequisites and Description will automatically fill in.		
COURSE NAME/GRADE	Foundations of Mathematics, Grade 9, Applied		
COURSE TYPE	Mathematics	CREDIT VALUE	
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 introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relations, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

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	25-35 %	Application	15-25 %	Communication	15-25 %	Knowledge/Understanding	25-35 %
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COURSE OVERVIEW	DESCRIPTION OF TERM WORK		ESTIMATED TIME	= 100% of Term Work and 70% of final report card mark
	1	Measurement	15 hours	
	2	Optimization	8 hours	
	3	Exploring Relationships	10 hours	
	4	Proportional Relationships	10 hours	
	5	Linear Relations	15 hours	
	6	Multiple Representations	10 hours	
	7	Algebraic Models	15 hours	
	8	Plane Geometry	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 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

TIPS4RM Documents (Ministry of Education)	
TI-83+ Graphing Calculator (supplied by school)	
Nelson Mathematics 9: Applying the Concepts	

STUDENT RESPONSIBILITIES

- Students are responsible for:
- ♦ complying with the GECDSB 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

LEARNING SKILLS

- Learning skills are a vital component to the overall success of each student in this course. The following learning skills will also be evaluated throughout the course:
- Responsibility
 - Organization
 - Independent work
 - Collaboration
 - Initiative
 - Self-regulation

FOR MORE INFORMATION GO TO www.gecdsb.on.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