

<b>Teacher</b>	<b>Mrs. K. Ryan</b>	<b>Department Head</b>	<b>Mrs. K. Ryan</b>
<b>Course</b>	<b>MPM1D – Principles of Mathematics, Grade 9, Academic</b>		
<b>Course Type</b>	Mathematics	<b>Credit Value</b>	1.0
<b>Prerequisite</b>	None		
<b>Course Description</b>	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.		
<b>Addendum to Course Description</b>	A strong work ethic is necessary for success in this course. Work will be assigned daily (even on asynchronous learning days!) and students need to take responsibility for staying caught up so that they arrive on in person days ready to ask questions and learn new material.		
<b>Course Resources</b>	Edsby Class Feed and Journal, Microsoft Teams and Class Notebook, Nelson Mathematics 10, Course Website		

### Assessment and Evaluation

Assessment and evaluation will be based on the provincial curriculum expectations and the achievement levels outlined in The Ontario Curriculum policy documents. Students will be given numerous and varied opportunities to demonstrate their learning.

**For 2019-20, the teacher of this course will organize evidence of student learning based on:**

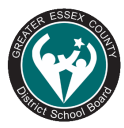
**Curriculum Expectations** (learning goals based on overall expectations and groups/clusters of specific expectations)

#### Determination of a Grade

Teachers will take various considerations into account before making a decision about the grade to enter on the report card. Determining a report card grade will involve teacher's professional judgement and interpretation of the evidence and will reflect the student's most consistent level of achievement with special consideration given to the more recent evidence. Marks are not merely a calculation of averages, but an evaluation of the consistent achievement of the student. Some evidence of learning may be given greater emphasis than others.

**70% of the grade will be based on term work during the course, 30% will be based on a final summative evaluation (FSE) completed during 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**

<b>DESCRIPTION OF THE FINAL SUMMATIVE EVALUATION (FSE)</b>		= 100% of FSE and 30% of final report card mark	
Final exam and/or project worth up to 30% of the students' final grade. EQAO WILL NOT BE PART OF STUDENT GRADES THIS YEAR!			
<b>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.</b>		100% of final report card mark	
<b>THE FOLLOWING ASSESSMENT STRATEGIES WILL BE USED THROUGHOUT THE COURSE</b>			
<b>Performance Products</b>	<b>Performance Demonstrations</b>	<b>Personal Communication</b>	<b>Paper/Pencil</b>
<ul style="list-style-type: none"> <li>• booklet/pamphlet/poster</li> <li>• manual/brochure</li> </ul>	<ul style="list-style-type: none"> <li>• dialogue</li> <li>• simulation</li> </ul>	<ul style="list-style-type: none"> <li>• classroom discussion</li> <li>• reflective or response journal</li> <li>• questionnaire/survey</li> <li>• self-assessment</li> </ul>	<ul style="list-style-type: none"> <li>• quiz</li> <li>• test</li> <li>• exam</li> </ul>



STUDENT RESPONSIBILITIES	LEARNING SKILLS AND WORK HABITS
<p><b>Students are responsible for:</b></p> <ul style="list-style-type: none"> <li>• complying with the GECDSB Digital Responsibility Certificate</li> <li>• providing evidence of their achievement</li> <li>• demonstrating academic honesty</li> <li>• completing work to the best of their ability</li> <li>• submitting work to teachers on time</li> <li>• attending classes and being active participants in the learning and assessment process</li> <li>• communicating with teachers when there is difficulty in meeting timelines</li> <li>• ensuring that missed work is completed within pre-established timelines</li> <li>• communicating to parents assessment and evaluation methods and pertinent due dates and timelines for work submission</li> <li>• complying with school code of conduct policy and classroom expectations as outlined by the teacher</li> </ul>	<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"> <li>• Responsibility</li> <li>• Organization</li> <li>• Independent work</li> <li>• Collaboration</li> <li>• Initiative</li> <li>• Self-regulation</li> </ul>

**FOR MORE INFORMATION GO TO [www.publicboard.ca](http://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.**

**Parents will be notified if changes to the Course Information Sheet are made during the semester.**

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**Signature of Student**

\_\_\_\_\_  
**Signature of Parent/Guardian**

\_\_\_\_\_  
**Date**