Upper Canada District School Board

DATE: September 8, 2015

COURSE OUTLINE:

Course: MPM 2D1, Principles of Mathematics, Academic

Prerequisite: Principles of Mathematics, Grade 9, Academic (MPM1D1)

This course was designed with the Ontario Curriculum Policy Document http://www.edu.gov.on.ca/eng/curriculum/secondary/

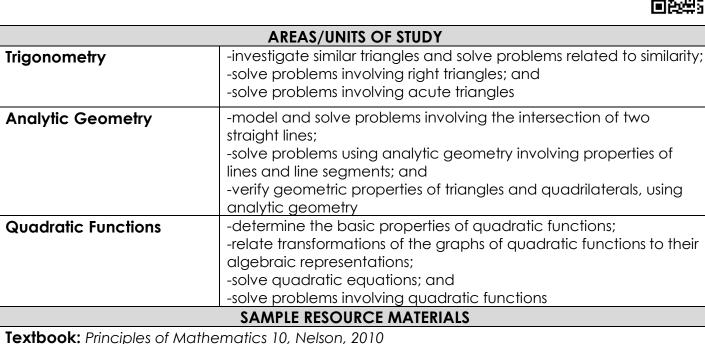
Teacher: Mr. C. Stewart Principal: Mr. D. Cole

COURSE DESCRIPTION

"This course enables students to broaden their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relations and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically and communicate their thinking as they solve multi-step problems" (p46, The Ontario Curriculum: Grades 9 and 10-Mathematics, Revised 2005).

COURSE WEBSITE

Students and parents can access course information by going to <u>www.ltngdhs.weebly.com</u> and selecting MPM 2D from "Find Your Class".



Other: A scientific calculator is required. Students are encouraged to use available technologies, including their own, to support their learning. Some suggested apps, other software, websites and videos are available at <u>http://ltngdhs.weebly.com/tools--</u>resources.html.







ASSESSMENT, EVA	LUATIO	N, and MARK BREAKDOWN		
Term Report		Final Report		
Knowledge & Understanding	25%	Term Work	70%	
Thinking/Inquiring/Problem Solving	25%	Culminating Task	10%	
Communication	25%	Exam	<u>20%</u>	
Application	<u>25%</u>		100%	
	100%			
To ensure that assessment and evaluat improvement of student learning in Ma -address both what students learn and	athemat	ics, strategies will be used that:	ad to	
-are varied in nature, administered over opportunities for students to demonstr -are appropriate for the learning activit experiences of the students -are fair to all students	ate the	full range of their learning		
-ensure that each student is given clea		•		
-promote students' ability to assess the				
-include the use of samples of students achievement	s' work t	hat provide evidence of their		
Additional Information concerning asse encouraged to review <u>http://ltngdhs.v</u>		· · · ·		
CLASSROOM EXPECTATIONS				
LESSONS & LEARNING OBJECTS: Details con- (e.g., assignments, readings, videos, practi learning will be updated <u>regularly</u> (also ava are encouraged to use this table in keeping	ce, etc.) ilable usi	that they can use to support their ing the QR code, see right). Students		
CLASSROOM EXPECTATIONS: Early in the set that focuses on how we will continuously sh environment and process. The class code v an ongoing basis for additions and/or revisi son/daughter as to how it will assist them a	now respe vill be po ons. Pare	ect for ourselves, others, and both the l sted on the <u>course webpage</u> and will be ents are encouraged to discuss the code	earning e re-visited on	
EXTRA HELP: Students who are having diffic to take advantage of extra help outside of teacher. Extra help will also be available, room number(s) will be communicated to st course webpage.	class time from the	e. Assistance may be available from the Math Department, over lunch: days, tir	eir MSIP ne(s), and	
INSTRUCTO	R CON	TACT INFORMATION		
E-mail address: christopher.stewart@ucdst	o.on.ca			
School phone: (613) 258-3481				

AGREEMENT – MPM 2D1				
	nails regarding what students are learning, important ail address, I can let you know what is happening in the ool or scan the completed form to			
Student Name	Student Signature			
Parent/Guardian Name	Parent/Guardian E-mail(s)			
Parent/Guardian Phone Number(s)	Parent/Guardian Signature			
	M.S.I.P. pd, Room #			
Date	M.S.I.P Teacher			
AGREEMENT – MPM 2D1 Parents/Guardians: Periodically, I like to send out e-mails regarding what students are learning, important				
	ail address, I can let you know what is happening in the			
Student Name	Student Signature			
Parent/Guardian Name	Parent/Guardian E-mail(s)			
Parent/Guardian Phone Number(s)	Parent/Guardian Signature			
Date	M.S.I.P. pd, Room # M.S.I.P Teacher			
AGREEM	ENT – MPM 2D1			
Parents/Guardians: Periodically, I like to send out e-mails regarding what students are learning, important dates, and other information. By providing your e-mail address, I can let you know what is happening in the course. Please return with your son/daughter to school or scan the completed form to christopher.stewart@ucdsb.on.ca. Thank you.				
Student Name	Student Signature			
Parent/Guardian Name	Parent/Guardian E-mail(s)			
Parent/Guardian Phone Number(s)	Parent/Guardian Signature			
Date	M.S.I.P. pd, Room # M.S.I.P Teacher			