

991 St. Clair Ave. West
 Toronto, Ontario M6E 1A3
 Telephone: (416) 393-1780
 Fax: (416) 393-8169

Website: <http://schools.tdsb.on.ca/oakwoodci/>

Course of Study: Mathematics for Work and Everyday Life
Grade 11

Academic Year: 2019 - 2020		Teacher Name:	
Department: Mathematics		Department Head: Mr. Burtch	
Date developed: June 2009		Revised: September 2017	
Course Title	Mathematics for Work and Everyday Life	Course Code	MEL3E1
Prerequisite	Principles of Mathematics, Grade 9, Academic, or Foundations of Mathematics, Grade 9, Applied, or a ministry-approved locally developed Grade 10 mathematics course.	Grade	11
Level	Essentials	Credit Value	1.0

Course Description		
Ontario Ministry of Education Document:		
<p>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 in a variety of situations. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.</p>		
Workbook: Mathematics 11 Workplace and Everyday Life 11		
Instructional Strands/Units		
Strand/Unit Titles	Approx. Time Spent	Overall Expectations/Unit Description
EARNING AND PURCHASING	3 Months	<ul style="list-style-type: none"> interpret information about different types of remuneration, and solve problems and make decisions involving different remuneration methods; demonstrate an understanding of payroll deductions and their impact on purchasing power; demonstrate an understanding of the factors and methods involved in making and justifying informed purchasing decisions.

Instructional Strands/Units (Cont'd)		
Strand/Unit Titles	Approx. Time Spent	Overall Expectations/Unit Description
SAVING, INVESTING, AND BORROWING	3 Months	<ul style="list-style-type: none"> describe and compare services available from financial institutions; demonstrate an understanding of simple and compound interest, and solve problems involving related applications; interpret information about different ways of borrowing and their associated costs, and make and justify informed borrowing decisions.
TRANSPORTATION AND TRAVEL	3 Months	<ul style="list-style-type: none"> interpret information about owning and operating a vehicle, and solve problems involving the associated costs; plan and justify a route for a trip by automobile, and solve problems involving the associated costs; interpret information about different modes of transportation, and solve related problems.

Student Evaluation Criteria			
Term Work		Culminating Activities	
Categories			
Knowledge/Understanding (K/U)	%15 – 20	Final Exam	%
Inquiry/Thinking (T/I)	% 15 – 20	Culminating Activity	% 30
Communication (C)	% 15 – 20		
Application (A)	% 15 – 20		
Term Total 70%		Culminating Activity Total 30%	

	First Report	Second Report	Interim Report	Final Report
Progress Reports				
Report Card	Nov. 24, 2017	Feb. 13, 2018	April 19, 2018	June 30, 2018
Parent/Teacher Interviews	Nov. 30, 2017	Feb. 15, 2018		

Assessment of Learning Skills

The 6 learning skills: Responsibility, Organization, Independent Work, Collaboration, Initiative and Self Regulation, will be assessed using a variety of techniques including, but not limited to, homework checks, group work/research, class involvement, cooperative activities and independent work

Assessment and Evaluation Tools

<i>Knowledge/Understanding</i>	<i>Thinking/Inquiry and Application</i>	<i>Communication</i>
Quizzes	Investigations	Discussions
Tests	Projects	Participation
In-Class Assignments	Problem Solving	Written and oral communication of mathematical ideas
Homework	Real-World Applications	
	Explorations	
	Word Problems	

Communication

<i>Parents</i>	<i>Contact the Math department at 393-1790 ext. 20038</i>
<i>Students</i>	<i>Contact your teacher in person</i>
<i>Extra help</i>	<i>By arrangement with your teacher</i>
<i>School Website</i>	<i>http://schools.tdsb.on.ca/OakwoodCI</i>

Department Policies

Success Plan

1. Come to class every day, on time, with a pencil, eraser, ruler , scientific calculator and binder.
2. Listen to, and participate in, the lesson.
3. Complete the work assigned in class.
4. Ask for help when you need it.
5. Help your classmates.
6. Complete all evaluations to the best of your ability.

Textbooks

Students will be issued a textbook for use during the school year and are expected to bring it to class each period. Replacement cost \$80

Evaluation

Evaluation takes a balanced approach (see above) to the 4 categories of achievement (K/U, T/I, C, A) and blends these so that most evaluation tasks include 2 or more of the categories. For purposes of simplification, the final mark will be calculated as follows:

<i>Course Work, including: Tests, Quizzes, Assignments, etc. (K/U, C, A)</i>	<i>70%</i>
<i>Culminating Activities (incl. Final Exam) (K/U, T/I, C, A)</i>	<i>30 %</i>

Teachers will communicate to students the approximate value of assignments and their placement in the evaluation chart.

Attendance, Punctuality and Work Habits

It is expected that students arrive punctually to all classes and that attendance is regular. When students are absent, it is the responsibility of the student to find out what was missed. This should be done at an appropriate time such as before school on the date of return. Students are not to disrupt the learning of others by catching up on missed work during class. This includes requests for missed/lost handouts. All such matters should be dealt with before class commences.

Homework will be assigned on a regular basis. Students are expected to demonstrate initiative and self-direction in their approach to homework. Failure to do homework will adversely affect a student's ability to achieve high marks.

Coursework – Tests, Assignments, etc.

Students are expected to write tests/quizzes on the set date. Students must make arrangements with the teacher in advance of the test date if they know that they will be away. In such cases, the student is expected to make arrangements with their teacher to make up the missed evaluation. If students are absent for an officially recognized excuse, they must present documentation and the teacher will set a date for an alternative test to be written.

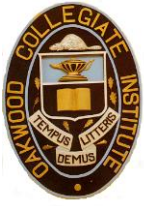
Assignments – each assignment has a due date. Assignments are due at the start of the period on the due date, unless otherwise specified. Late assignments will be accepted until the ultimate due date. This is usually the date on which marked assignments are returned. After this date, assignments may not be submitted and the student will receive a zero. Teachers may use a variety of techniques to encourage students to submit late work. This may include, if necessary, a mark reduction of 10%.

Exams and Culminating Activities

Exams and culminating evaluations must be done on the due date. It is usually not possible to reschedule these evaluations or to provide alternative assignments. Therefore a mark of zero will be assigned unless suitable documentation (medical certificate, etc.) is received. In such cases, the teacher, in consultation with colleagues and the administration, will determine an appropriate mark.

Course:

Teacher:



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COURSE: _____

TEACHER: _____

Please acknowledge that you have read this outline:

<i>Date:</i>	<i>Parent Signature</i>
<i>Date:</i>	<i>Student Signature</i>

Please return this to _____ by _____