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| **General Course Information** | |
| Prerequisite: | A Grade 9 Math Credit |
| Teacher: | (416-395-3140 Ext 20080) |
| Department: | Special Education and Mathematics Department |
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| Extra Help: | By appointment: Before school, lunch and after school |
| Workbook and Replacement Cost: | Math Essentials 10, McGraw-Hill Ryerson, $30 if lost or damaged |
| Material Required: | Three-ring binder, writing utensils, calculator, student agenda |
| Course Fee: | N/A |
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| **Course Description** | |
| This course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 11 Mathematics Workplace Preparation course. The course is organized in three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on strengthening and extending key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to extend their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.  Further information about this course can be found at the Ontario Ministry of Education Website:  <http://edu.gov.on.ca/eng/curriculum/secondary/math910ldcc.pdf>  The course is organized into 3 strands:   |  | | --- | | Extending Money Sense (~25 Periods)  * + Understanding and Using Decimal Numbers in Solving Problems   + Communicating Information about Money | | Extending Understanding of Measurements (~45 Periods)  * + Estimating and Measuring Using the Metric System   + Estimating and Measuring Using the Imperial System   + Solving Problems Involving Circumference, Perimeter, Area, and Volume   + Communicating Information about Measurement | | Extending Understanding of Proportional Reasoning (11 Periods)  * + Applying Fractions, Percentages, Ratios, and Rates in Solving Problems   + Communicating Information about Proportional Reasoning | | |
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| **Assessment and Evaluation** |
| **Assessment Strategies**  A variety of teaching/assessment strategies to address students’ needs will be used during the semester. Formative assessments will be ongoing throughout the academic year. These may include:  Diagnostic assessment  Formative assessment  Performance assessment  Portfolio assessment  Rubrics  Checklists  **Term Summative Evaluations (70% Term Work)**  Tests, quizzes, tasks and other forms of term summative evaluations will be at the end of chapters as stated in the course outline.  Students will be provided with reasonable opportunities to master skills relating to the achievement of the curriculum expectations before the occurrence of assessments and evaluations.  Major evaluations will be announced at least one week in advance.  Absence on the day of an evaluation must be documented. If a student must miss an evaluation, s/he is expected to:  a) see the teacher before the absence to arrange for an alternative date to make up the evaluation; or  b) in case of illness or unexpected absence, present a note to the teacher, signed by a parent or guardian, immediately  Cheating will not be tolerated in any form and will be dealt with appropriately.  **Expectations are organized into the following four categories:**  Knowledge and Understanding: 20 - 35%  Application: 15 - 25%  Thinking and Inquiry: 15 - 25%  Communication: 15 - 30%  **Final Mark Calculation:**  Terms (1 and 2) evaluation: 60%  Project: 10%  Final Exam and Summative: 30%  **Learning Skills:**  In addition to students’ performance in the achievement categories, students will also be assessed on their performance in the following learning skills:   * Responsibility * Organization * Independent Work * Collaboration * Initiative * Self-Regulation   For specific policies on assessment and evaluation, and academic honesty, please refer to *School Procedure*s in the student agenda. |