

PRESCRIBED LEARNING OUTCOMES

<p>Personal Banking Cont'</p> <p>Wages, Salaries and Expenses</p> <p><i>It is expected that students will solve problems involving wages, salaries and expenses.</i></p>	<p>A10 identify different types of bank service charges and their relative costs, including:</p> <ul style="list-style-type: none"> – monthly account fees – transaction charges – interest charges <p><i>Clarification: Calculation of services charges.</i></p> <p>A11 reconcile financial statements, such as chequebooks and electronic bank transactions with bank statements</p> <p><i>It is expected that students will:</i></p> <p>A12 calculate hours worked and gross pay</p> <p>A13 calculate net income using deduction tables (focus on weekly) with different pay periods</p> <p>A14 calculate changes in income</p> <p>A15 develop a budget that matches predicted income</p> <p><i>Clarification: Calculations involving budgets.</i></p>
<p>B PATTERNS AND RELATIONS</p> <p>Rates, Ratio and Proportion</p> <p><i>It is expected that students will apply the concepts of rate, ratio and proportion to solve problems.</i></p>	<p><i>It is expected that students will:</i></p> <p>B1 use the concept of unit rate to determine the best buy on a consumer item and justify the decision</p> <p><i>Clarification: Includes concept and calculation of unit rate.</i></p> <p>B2 solve problems on the application of sales tax in Canada</p> <p>B3 describe a variety of sales promotion techniques and their financial implications for the consumer</p> <p><i>Clarification: Focus on coupons and discounts.</i></p> <p>B4 solve rate, ratio, and proportion problems involving price, length, area, volume, time, and mass</p> <p><i>Clarification: Includes simple rate, ratio and proportion.</i></p>
<p>C SHAPE AND SPACE</p> <p>Trigonometry</p> <p><i>It is expected that students will demonstrate an understanding of ratio and proportion and apply these concepts in solving triangles.</i></p> <p>Geometry Project</p> <p><i>It is expected that students will complete a project that includes a 2-D plane and a 3-D model of some physical structure.</i></p>	<p><i>It is expected that students will:</i></p> <p>C1 apply ratio and proportion in similar triangles</p> <p>C2 use trigonometric ratios sine, cosine, and tangent in solving right triangles</p> <p><i>Clarification: Angle measurements will be given in degrees.</i></p> <p><i>It is expected that students will:</i></p> <p>C3 measure lengths using both SI Metric and Imperial units</p> <p><i>Clarification: Includes appropriate use of units and their conversions.</i></p>

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<p>Geometry Project Cont'</p>	<p>C4 estimate measurements of objects in SI and Imperial systems including:</p> <ul style="list-style-type: none"> – length – area – volume – mass <p><i>Clarification: Includes calculations.</i></p> <p>C5 interpret drawings and use the information to solve problems</p> <p>C6 draw top, front and side views for both 3-D rod or block objects and their sketches</p> <p><i>Clarification: Includes recognition.</i></p> <p>C7 sketch 3-D designs using isometric dot paper</p> <p><i>Clarification: Includes recognition.</i></p> <p>C8 enlarge or reduce a dimensioned object according to a specified scale</p> <p>C9 solve problems involving linear dimensions, area, and volume</p> <p>C10 complete a project that includes a 2-D plan and a 3-D model of some physical structure</p>
<p>D STATISTICS AND PROBABILITY</p> <p>Probability and Sampling</p> <p><i>It is expected that students will develop and implement a plan for the collection, display and analysis of data using technology as required.</i></p>	<p><i>It is expected that students will:</i></p> <p>D1 read and interpret graphs</p> <p>D2 use suitable graph types to display data (by hand or using technology) including:</p> <ul style="list-style-type: none"> – broken line graphs – bar graphs – histograms – circle graphs <p><i>Clarification: Circle graphs, bar graphs, histograms, broken-line graphs and their recognition.</i></p> <p>D3 determine and use measures of central tendency to support decisions, including:</p> <ul style="list-style-type: none"> – mean – median – mode <p>D4 use sample data to make predictions and decisions</p> <p><i>Clarification: Includes simple probability as defined by the Essentials of Mathematics 10 textbook.</i></p> <p>D5 critique ways in which statistical information and conclusions are presented by the media and other sources</p> <p><i>Clarification: Includes recognition and identification.</i></p>

