

**Elizabethtown Area School District  
Scope & Sequence - Quick Reference**



**Department: Mathematics**

**Course: Authentic Career & Practical Math Applications (CPMA)**

**Grade Level(s): 10-12**

<i>Unit Title</i>	<i>General Topic(s)</i>	<i>Pacing</i>
1. Whole Numbers	<ul style="list-style-type: none"> <li>● Order of Operations</li> <li>● Rounding</li> <li>● Precision &amp; Accuracy</li> <li>● Problem Solving</li> </ul>	First ½ of September
2. Decimals & Fractions	<ul style="list-style-type: none"> <li>● Simplest Form</li> <li>● Equivalent Fractions</li> <li>● Read a Tape Measure <math>\frac{1}{4}</math>" , <math>\frac{1}{8}</math>" , <math>\frac{1}{16}</math>"</li> <li>● +, -, •, ÷ Fractions</li> <li>● Mixed #s &amp; Improper</li> <li>● Conversions</li> <li>● Problem Solving</li> </ul>	Second ½ of September
3. Weights & Conversions	<ul style="list-style-type: none"> <li>● Converting Units of Length</li> <li>● Unit Conversions</li> <li>● Rate Conversions</li> <li>● Problem Solving</li> </ul>	First ½ of October
4. Ratio & Proportions	<ul style="list-style-type: none"> <li>● Simplifying Ratios</li> <li>● Solving Proportions</li> <li>● Problem Solving</li> </ul>	Second ½ of October
5. Areas & Perimeters	<ul style="list-style-type: none"> <li>● Perimeters &amp; Areas of Squares, Rectangles, Parallelograms, Trapezoids, and Circles)</li> </ul>	First ½ of November

	<ul style="list-style-type: none"> <li>● Problem Solving</li> </ul>	
6. Careers & Job Shadows	<ul style="list-style-type: none"> <li>● Xello Matchmaker</li> <li>● Research Careers of Interest</li> <li>● Set-Up Job Shadows (4)</li> <li>● Applications and Contacting Businesses (Phone Calls &amp; Emails)</li> <li>● Resume Builder</li> </ul>	All Year Long
7. Real-World Math Project (Make a Budget)	<ul style="list-style-type: none"> <li>● Case Study 1</li> <li>● Case Study 2</li> <li>● Real-Life Bundle - Make a Budget</li> <li>● Budgeting 101 Project</li> </ul>	Second ½ of November
8. Real-Life Math Project (Fixer Upper)	<ul style="list-style-type: none"> <li>● Real-Life Bundle - Fixer Upper</li> </ul>	December/January
9. Final Project (Summer Trip or General Contractor)	<ul style="list-style-type: none"> <li>● Real-Life Bundle - Summer Trip</li> <li>● General Contract Project</li> </ul>	December/January
10.	<ul style="list-style-type: none"> <li>●</li> </ul>	April
11.	<ul style="list-style-type: none"> <li>●</li> </ul>	May