

CURRICULUM MAPPING TEMPLATE

Program: 52.0299 Business Administration Management and Operations Consolidated

Segment	CTE Segments/Performance Elements	CTE Concepts	Math Concepts	Common Core Math Standards Middle School	Common Core Math Standards High School
	OVERVIEW OF Business Administration Management and Operations				
1	X. TECHNICAL SKILLS <i>O. International Management and Contemporary Issues</i> <ol style="list-style-type: none"> 1. Value dimensions 2. Regional economic integration 3. Trading alliances 4. Global environment 	Currencies GDP Global economics Tariffs, taxes	Conversions Charts, graphs, measurements, Analyze and evaluate, variance (1)	6.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 8.SP.3; 8.SP.4	S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6; S.ID.1
	XI. GENERAL MANAGEMENT PATHWAY <i>A. Describe management's responsibility to know and abide by laws and regulations that affect business operations and transactions.</i> <ol style="list-style-type: none"> 2. Describe how government/legal activities affect global trade. <i>C. Apply economic concepts fundamental to global business operations.</i> <ol style="list-style-type: none"> 1. Describe global trade's impact on business activities. <i>D. Employ and manage techniques, strategies, and systems used by management to foster self-understanding and enhance business relationships.</i> <ol style="list-style-type: none"> 2. Manage internal and external inter-cultural business relationships. 	Currencies GDP Global economics Tariffs, taxes	Conversions Charts, graphs, measurements, Analyze and evaluate, variance, Predictions (1)	6.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 8.SP.3; 8.SP.4	S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6; S.ID.1

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2	<p>I. ACADEMIC FOUNDATIONS <i>B. Solve mathematical problems and use the information to make business decisions and enhance business management duties.</i></p> <ol style="list-style-type: none"> 1. Identify whole numbers, decimals, and fractions. 2. Demonstrate knowledge of basic arithmetic operations such as addition, subtraction, multiplication, and division. 3. Demonstrate use of relational expressions such as equal to, not equal, greater than, less than, etc. 5. Analyze Mathematical problem statements for missing and/or irrelevant data. 6. Construct charts/tables/graphs from functions and data. 8. Solve mathematical problems using numbers and operations. 	All	<p>Story problems, charts, graphs, tables, whole numbers, decimals, fractions, inequalities, solve linear equations, graphing linear equations, Substitute data into formulas, logic if then statements (1)</p>	<p>6.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 8.SP.3; 8.SP.4; 6.NS.2; 6.NS.3; 7.NS.1; 6.EE.6; 6.EE.7; 6.EE.8; 6.EE.9; 7.EE.1; 7.EE.2; 7.EE.3; 7.EE.4; 8.EE.7; 8.EE.8; 8.F.4</p>	<p>S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6; S.ID.1; N.Q.1; N.Q.2; N.Q.3; S.ID.6; A.APR.1; A.APR.7; N.RN.3; A.CED.1; A.CED.2; A.CED.3; A.CED.4; A.REI.3; A.REI.4; A.REI.10; F.LE.1; F.LE.2; F.LE.5; F.IF.5; A.SSE.1; F.BF.1; S.ID.6; S.CP.1</p>
	<p>IV. INFORMATION TECHNOLOGY APPLICATIONS <i>A. Use Personal Information Management (PIM) applications to increase workplace efficiency.</i></p> <ol style="list-style-type: none"> 1. Manage personal schedules and contact information. 2. Create memos and notes. <p><i>B. Employ technological tools to expedite workflow.</i></p> <ol style="list-style-type: none"> 1. Use information technology tools to manage and perform work responsibilities. 2. Use email to share files and documents. 3. Identify the functions and purpose of email systems. 4. Use email to communicate within and across organizations. 5. Access and navigate Internet (e.g., use a web browser). 6. Search for information and resources. 7. Evaluate Internet resources for reliability and validity. 8. Prepare simple documents and other business communications. 9. Prepare reports and other business communications by integrating graphics and other non-text elements. 10. Prepare complex multi-media publications. 11. Prepare presentations for 	Use Excel for spreadsheets	<p>Create equations, solving formulas, graphing linear and quadratic equations, orders of operations (1)</p>	<p>6.EE.2; 7.EE.3</p>	<p>A.CED.4; G.CO.5; G.CO.12; N.CN.7; A.REI.4; F.LE.1; F.LE.2; F.LE.5; F.IF.7; F.IF.8; S.ID.6; F.BF.1</p>

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	<p>training, sales and information sharing.</p> <p>12. Deliver presentations with supporting materials.</p> <p>13. Create a spreadsheet.</p> <p>14. Perform calculations and analyses on data using a spreadsheet.</p> <p>15. Manipulate data elements.</p> <p>16. Manage interrelated data elements.</p> <p>17. Analyze interrelated data elements.</p> <p>18. Generate reports showing interrelated data elements.</p> <p>19. Facilitate group work through management of shared schedule and contact information.</p> <p>20. Facilitate group work through management of shared files and online information.</p> <p>21. Facilitate group work through instant messaging or virtual meetings.</p> <p>22. Manage computer operations.</p> <p>23. Manage file storage.</p> <p>24. Compress or alter files.</p> <p>25. Operate computer driven equipment and machines.</p> <p>26. Use installation and operation manuals.</p> <p>27. Troubleshoot computer driven equipment and machines.</p> <p>28. Access support as needed to maintain operation of computer driven equipment and machines.</p> <p><i>C. Demonstrate Digital Citizenship</i></p> <p>4. Identify ways that individuals can protect their technology systems from unethical or unscrupulous users.</p>				
3	<p>I. ACADEMIC FOUNDATIONS</p> <p><i>B. Solve mathematical problems and use the information to make business decisions and enhance business management duties.</i></p> <p>4. Apply data and measurements to solve a problem.</p> <p>7. Analyze data when interpreting operational documents.</p> <p>9. Apply algebraic skills to make business decisions.</p> <p>10. Employ measurement skills to make business decisions.</p> <p>11. Perform data analysis to make business decisions.</p>	various projects	Story problems, charts, graphs, tables, whole numbers, decimals, fractions, inequalities, solve linear equations, graphing linear equations, Substitute data into formulas,	6.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 8.SP.3; 8.SP.4; 6.NS.2; 6.NS.3; 6.NS.5; 7.NS.1; 7.NS.2; 7.NS.3; 6.NS.1; 6.EE.2; 6.EE.6;	S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6; S.ID.1; N.Q.1; N.Q.2; N.Q.3; S.ID.6; A.APR.1; A.APR.7; N.RN.3; A.CED.1; A.CED.2; A.CED.3; A.CED.4; A.REI.3; A.REI.4; A.REI.10;

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			logic if then statements Create equations, solving formulas, graphing linear and quadratic equations, orders of operations (1)	6.EE.7; 6.EE.8; 6.EE.9; 7.EE.1; 7.EE.2; 7.EE.3; 7.EE.4; 8.EE.7; 8.EE.8; 8.F.4	F.LE.1; F.LE.2; F.LE.5; F.IF.5; A.SSE.1; F.BF.1; N.CN.7; A.REI.4; F.LE.1; F.LE.2; F.LE.5; F.IF.7; F.IF.8; F.BF.1; S.CP.1
	<p>X. TECHNICAL SKILLS</p> <p>A. Employ information management techniques and strategies in the workplace to assist in decision-making.</p> <p>1. Use information literacy skills when accessing, evaluating and disseminating information.</p> <p>2. Describe the nature and scope of information management.</p> <p>3. Maintain records to facilitate ongoing business operations.</p> <p>C. Access, process, maintain, evaluate, and disseminate information to assist in business decision-making.</p> <p>1. Use information literacy skills to increase workplace efficiency and effectiveness.</p> <p>2. Acquire a foundational knowledge of information management to understand its nature and scope.</p> <p>3. Maintain business records to facilitate business operations.</p> <p>4. Acquire information to guide business decision-making.</p> <p>G. Create, communicate, and deliver value to customers while managing customer relationships.</p> <p>2. Utilize technology to facilitate customer relationship management.</p> <p>M. Operational Aspects of Management</p> <p>4. Information processing and management</p>	Inventory projects	Whole numbers Logic If Then statements Charts and tables	6.NS.2; 6.NS.3; 7.NS.1; 7.EE.3; 6.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 8.SP.3; 8.SP.4	A.APR.1; A.APR.7; N.RN.3; N.Q.1; S.CP.1; S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6; S.ID.1

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	<p>XI. General Management Pathway <i>G. Plan, organize, and control an organization / department to optimize overall business success.</i></p> <p>5. Determine benchmarks to use in evaluating company performance. 9. Compare company performance with established benchmarks to determine company success.</p>	Company performance projects, Financial Ratios	Formulas Substituting data into formulas Ratios (1) Charts and graphs (2)	6.EE.2; 7.EE.3; 7.EE.1; 7.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 8.SP.3; 8.SP.4	A.CED.4; A.REI.1; A.REI.2; S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6; S.ID.1
4	<p>V. SYSTEMS <i>C. Identify new ideas, opportunities, and methods to create or start a new project or venture.</i></p> <p>1. Employ entrepreneurial discovery strategies to generate feasible ideas for business ventures. 2. Develop a concept for a new business venture. 3. Evaluate a new business venture concept's potential for success. 4. Determine the resources needed for start-up viability of a business venture. 5. Actualize a new business venture to generate profit and/or meet objectives. 6. Select a harvesting strategy that matches the entrepreneur's desired goals regarding the business venture.</p>	Loan calculations, profit margin, inventory analysis, profit/loss statements, break even analysis	Whole numbers, fractions, decimals, percents, ratios and proportions, time Graphs, statistics (all) (1)	6.NS.1; 6.EE.2; 7.NS.1; 7.NS.2; 7.NS.3; 6.NS.2; 6.NS.3; 6.NS.5; 7.EE.2; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 7.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4	A.APR.1; A.APR.7; N.RN.3; N.Q.1; G.MG.3; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.ID.6; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1
	<p>VIII. ETHICS AND LEGAL RESPONSIBILITIES <i>B. Describe business's responsibility to know and abide by laws and regulations that affect business operations.</i></p> <p>8. Select business structure for immediate and long-term operations.</p>	Tax purposes			

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	<p>X. TECHNICAL SKILLS <i>D. Establish, maintain, control, and plan the use of financial resources to protect solvency.</i> 6. Identify potential business threats and opportunities for protecting a business's financial well-being. <i>E. Employ tools and strategies to influence, plan, control, and organize an organization/department.</i> 2. Utilize planning tools to guide organization's / department's activities. <i>M. Operational Aspects of Management</i> 5. Strategic planning and analysis <i>O. International Management and Contemporary Issues</i> 11. E-business</p>	<p>SWOT analysis Break Even Analysis</p>	<p>Whole numbers, fractions, decimals, percents, ratios and proportions, time Graphs, statistics (all) (1)</p>	<p>6.NS.1; 6.EE.2; 7.NS.1; 7.NS.2; 7.NS.3; 6.NS.2; 6.NS.3; 6.NS.5; 7.EE.2; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 7.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4</p>	<p>A.APR.1; A.APR.7; N.RN.3; N.Q.1; G.MG.3; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.ID.6; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1</p>
	<p>XI. GENERAL MANAGEMENT PATHWAY <i>G. Plan, organize, and control an organization / department to optimize overall business success.</i> 3. Develop business plans to meet company needs. 4. Plan for future company growth to guide company operations.</p>	<p>Business Plans</p>	<p>Whole numbers, fractions, decimals, percents, ratios and proportions, time Graphs, statistics (all) (1)</p>	<p>6.NS.1; 6.EE.2; 7.NS.1; 7.NS.2; 7.NS.3; 6.NS.2; 6.NS.3; 6.NS.5; 6.RP.2; 6.RP.3; 7.EE.2; 6.RP.1; 7.RP.1; 7.RP.2; 7.RP.3; 7.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4</p>	<p>A.APR.1; A.APR.7; N.RN.3; N.Q.1; G.MG.3; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.ID.6; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1</p>

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5	<p>V. SYSTEMS F. Understand the methods that businesses use to recruit, train and develop human resources. 1. Describe the role and function of human resources management.</p>	Insurance, benefits, compensation	Whole numbers, fractions, percents (2)	6.NS.2; 6.NS.3; 6.NS.1; 6.EE.2; 7.NS.1; 7.NS.2; 7.NS.3; 6.RP.2; 6.RP.3; 7.EE.2; 7.EE.3	A.APR.1; A.APR.7; N.RN.3; N.Q.1
	<p>VI. SAFETY, HEALTH AND ENVIRONMENTAL A. Implement personal and jobsite safety rules and regulations to maintain safe and healthful working conditions and environments. 3. Employ a safety hierarchy and communication system within the workplace / jobsite. 4. Implement safety precautions to maintain a safe worksite. C. Employ emergency procedures as necessary to provide aid in workplace accidents. 1. Use knowledge of First Aid procedures as necessary. 2. Use knowledge of CPR procedures as necessary. 3. Use safety equipment as necessary. E. Implement safety, health, and environmental controls to enhance business productivity. 2. Implement safety procedures to minimize loss.</p>	Safety statistics	Charts and graphs (2)	6.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 8.SP.3; 8.SP.4	S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6; S.ID.1
	<p>VIII. ETHICS AND LEGAL RESPONSIBILITIES A. Know and understand the importance of professional ethics and legal responsibilities. 2. Interpret and explain written organizational policies and procedures to help employees perform their jobs according to employer rules and expectations. B. Describe business's responsibility to know and abide by laws and regulations that affect business operations.</p>	Ethical and legal statistics	Charts and graphs (2)	6.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 8.SP.3; 8.SP.4	S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6; S.ID.1

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	7. Describe current human resources laws and regulations.				
	X. TECHNICAL SKILLS L. Organization and Human Resources 1. Personnel administration 2. Human relations and motivation 3. Training and development 4. Performance appraisal 6. Legal concerns 7. Workforce diversity 8. Recruiting and selecting 9. Compensation and benefits 10. Collective bargaining	Insurance, benefits, compensation	Whole numbers, fractions, percents (1)	6.NS.2; 6.NS.3; 6.NS.1; 6.EE.2; 7.NS.1; 7.NS.2; 7.NS.3; 6.RP.2; 6.RP.3; 7.EE.2; 7.EE.3	A.APR.1; A.APR.7; N.RN.3; N.Q.1
	XI. GENERAL MANAGEMENT PATHWAY G. Plan, organize, and control an organization / department to optimize overall business success. 11. Apply performance standards to evaluate employees. 12. Develop timely responses to employee performance evaluations.				
6	I. ACADEMIC FOUNDATIONS B. Solve mathematical problems and use the information to make business decisions and enhance business management duties. 12. Evaluate the accuracy of mathematical responses using problem-solving techniques.	Daily activities	Whole Numbers, fractions, decimals, percentages, ratios and proportions, statistics (1)	6.NS.1; 6.EE.2; 7.NS.1; 7.NS.2; 7.NS.3; 6.NS.2; 6.NS.3; 6.NS.5; 6.RP.2; 6.RP.3; 7.EE.2; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 7.EE.3; 6.SP.4; 6.SP.5;	A.APR.1; A.APR.7; N.RN.3; N.Q.1; G.MG.3; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.ID.6; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1

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				7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4	
	<p>V. SYSTEMS <i>B. Implement quality control systems and practices to ensure quality products and services.</i></p> <ol style="list-style-type: none"> 1. Describe quality control standards and practices common to the workplace. 2. Diagnose and make necessary corrections or improvements to a technical system in a business, industry, or simulated work place setting. 	Daily activities	Whole Numbers, fractions, decimals, percentages, ratios and proportions, statistics (1)	6.NS.1; 6.EE.2; 7.NS.1; 7.NS.2; 7.NS.3; 6.NS.2; 6.NS.3; 6.NS.5; 6.RP.2; 6.RP.3; 7.EE.2; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 7.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4	A.APR.1; A.APR.7; N.RN.3; N.Q.1; G.MG.3; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.ID.6; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1
	<p>VI. SAFETY, HEALTH AND ENVIRONMENTAL <i>D. Employ knowledge of response techniques to create a disaster and/or emergency response plan.</i></p> <ol style="list-style-type: none"> 1. Complete an assessment of an emergency and/or disaster situation. 2. Create an emergency and/or disaster plan. <p><i>E. Implement safety, health, and environmental controls to enhance business productivity.</i></p> <ol style="list-style-type: none"> 3. Assess needed safety policies / procedures to ensure protection of employees. 4. Implement security policies / procedures to minimize chance for loss. 5. Develop policies/procedures to 				

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	protect workplace security.				
	<p>X. TECHNICAL SKILLS</p> <p><i>E. Employ tools and strategies to influence, plan, control, and organize an organization/department.</i></p> <p>3. Implement control activities that promote growth and development of the organization / department.</p> <p><i>F. Identify, understand and implement processes and systems used to monitor, plan, and control day-to-day business activities.</i></p> <p>1. Implement expense-control strategies to enhance a business's financial well-being.</p> <p>2. Maintain property and equipment necessary for ongoing business activities.</p> <p><i>G. Create, communicate, and deliver value to customers while managing customer relationships.</i></p> <p>1. Perform customer service activities to support customer relationships and encourage repeat business.</p> <p><i>J. Implement, monitor and evaluate quality standards in order to ensure high quality.</i></p> <p>1. Explain the nature and scope of quality management practices within a business.</p> <p><i>M. Operational Aspects of Management</i></p> <p>1. Operations planning and control</p> <p>2. Work scheduling</p> <p>3. Quality management (e.g., TQM)</p> <p>6. Productivity</p>	Depreciation Expense control strategies	Quadratic equations Ratios and proportions, decimals, percentages, whole numbers, statistics (1)	6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 6.NS.2; 6.NS.3; 6.NS.5; 7.NS.1; 7.NS.2; 7.NS.3; 7.EE.2; 6.NS.2; 7.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4	N.CN.7; A.REI.4; F.LE.1; F.LE.2; F.LE.5; F.IF.7; F.IF.8; S.ID.6; F.BF.1; G.MG.3; A.APR.1; A.APR.7; N.RN.3; N.Q.1; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.ID.6; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1

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	<p>XI. GENERAL MANAGEMENT PATHWAY</p> <p><i>F. Plan, monitor, and control day-to-day business functions to ensure continued business operations.</i></p> <p>1. Manage purchasing activities to obtain the best service / product at the least cost.</p> <p>2. Manage quality-control processes to minimize errors and to expedite workflow.</p> <p><i>G. Plan, organize, and control an organization / department to optimize overall business success.</i></p> <p>10. Adjust growth projections impacting facilities and equipment to foster profitable operations.</p>	Purchasing activities	Quadratic equations Ratios and proportions, decimals, percentages, whole numbers, statistics (1)	6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 6.NS.2; 6.NS.3; 6.NS.5; 7.NS.1; 7.NS.2; 7.NS.3; 7.EE.2; 7.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4	N.CN.7; A.REI.4; F.LE.1; F.LE.2; F.LE.5; F.IF.7; F.IF.8; S.ID.6; F.BF.1; G.MG.3; A.APR.1; A.APR.7; N.RN.3; N.Q.1; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.ID.6; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1
7	<p>I. ACADEMIC FOUNDATIONS</p> <p><i>D. Examine and employ business and economic principles and concepts in making informed business decisions to continue business operations.</i></p> <p>1. Identify fundamental economic concepts necessary for employment in business.</p> <p>3. Recognize how economic systems influence environments in which businesses function.</p> <p>4. Use knowledge regarding the impact government has on businesses to make informed economic decisions.</p> <p>5. Analyze cost / profit relationships to guide business decision-making.</p> <p>6. Use economic indicators to detect economic trends and conditions.</p> <p>7. Determine global trade's impact on business decision-making.</p>	Financial projects	Linear and Quadratic equations Ratios and proportions, decimals, percentages, whole numbers, fractions, statistics, Logic If Then Statements (1)	6.EE.6; 6.EE.7; 6.EE.8; 6.EE.9; 7.EE.1; 7.EE.2; 7.EE.3; 7.EE.4; 8.EE.7; 8.EE.8; 8.F.4; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 6.NS.2; 6.NS.3; 6.NS.5; 7.NS.1; 7.NS.2; 7.NS.3; 6.NS.1; 6.EE.2; 7.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4	A.CED.1; A.CED.2; A.CED.3; A.CED.4; A.REI.3; A.REI.4; A.REI.10; F.LE.1; F.LE.2; F.LE.5; F.IF.5; A.SSE.1; F.BF.1; N.CN.7; A.REI.4; F.LE.1; F.LE.2; F.LE.5; F.IF.7; F.IF.8; S.ID.6; F.BF.1; G.MG.3; A.APR.1; A.APR.7; N.RN.3; N.Q.1; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1

Segment	CTE Segments/Performance Elements	CTE Concepts	Math Concepts	Common Core Math Standards Middle School	Common Core Math Standards High School
	<p>V. SYSTEMS <i>D. Analyze accounting systems' contribution to the fiscal stability of a business.</i></p> <ol style="list-style-type: none"> 1. Develop a foundational knowledge of accounting to understand its nature and scope. 2. Demonstrate accounting procedures used to track money flow and to determine financial status. <p><i>E. Understand tools, strategies, and systems used to maintain, monitor, control, and plan the use of financial resources.</i></p> <ol style="list-style-type: none"> 1. Acquire a foundational knowledge of finance to understand its nature and scope. 	Financial Projects	Linear and Quadratic equations Ratios and proportions, decimals, percentages, whole numbers, fractions, statistics, Logic If Then Statements (1)	6.EE.6; 6.EE.7; 6.EE.8; 6.EE.9; 7.EE.1; 7.EE.2; 7.EE.3; 7.EE.4; 8.EE.7; 8.EE.8; 8.F.4; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 6.NS.2; 6.NS.3; 6.NS.5; 7.NS.1; 7.NS.2; 7.NS.3; 6.RP.2; 6.NS.1; 6.EE.2; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4	A.CED.1; A.CED.2; A.CED.3; A.CED.4; A.REI.3; A.REI.4; A.REI.10; F.LE.1; F.LE.2; F.LE.5; F.IF.5; A.SSE.1; F.BF.1; N.CN.7; A.REI.4; F.LE.1; F.LE.2; F.LE.5; F.IF.7; F.IF.8; S.ID.6; F.BF.1; G.MG.3; A.APR.1; A.APR.7; N.RN.3; N.Q.1; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1
	<p>X. TECHNICAL SKILLS <i>D. Establish, maintain, control, and plan the use of financial resources to protect solvency.</i></p> <ol style="list-style-type: none"> 1. Describe the fundamental principles of money needed to make financial exchanges. 2. Analyze financial needs and goals to determine financial requirements. 3. Manage personal finances to achieve financial goals. 4. Explain the use of financial-services providers to aid in financial-goal achievement. 5. Use investment strategies to ensure financial well-being. 7. Obtain business credit and establish financial controls. 8. Manage financial resources to maintain business solvency. <p><i>K. Examine and employ risk management strategies and techniques in order to minimize potential business loss.</i></p>	Financial Projects	Linear and Quadratic equations Ratios and proportions, decimals, percentages, whole numbers, fractions, statistics, Logic If Then Statements (1)	6.EE.6; 6.EE.7; 6.EE.8; 6.EE.9; 7.EE.1; 7.EE.2; 7.EE.3; 7.EE.4; 8.EE.7; 8.EE.8; 8.F.4; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 6.NS.2; 6.NS.3; 6.NS.5; 7.NS.1; 7.NS.2; 7.NS.3; 6.RP.2;; 6.NS.1; 6.EE.2; 6.SP.4; 6.SP.5;	A.CED.1; A.CED.2; A.CED.3; A.CED.4; A.REI.3; A.REI.4; A.REI.10; F.LE.1; F.LE.2; F.LE.5; F.IF.5; A.SSE.1; F.BF.1; N.CN.7; A.REI.4; F.LE.1; F.LE.2; F.LE.5; F.IF.7; F.IF.8; S.ID.6; F.BF.1; G.MG.3; A.APR.1; A.APR.7; N.RN.3; N.Q.1; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.IC.1; S.IC.3;

Segment	CTE Segments/Performance Elements	CTE Concepts	Math Concepts	Common Core Math Standards Middle School	Common Core Math Standards High School
	<p>1. Explain the nature and scope of risk management practices within a business.</p> <p><i>N. Functional Aspects of Management</i></p> <p>10. Budgeting</p>			<p>7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4</p>	<p>S.IC.4; S.IC.6; S.MD.1; S.CP.1</p>
	<p>XI. GENERAL MANAGEMENT PATHWAY</p> <p><i>E. Maintain, monitor, plan, and control the use of financial resources to protect a business's fiscal well-being.</i></p> <p>1. Manage business risks to protect a business's financial well-being.</p> <p>2. Manage financial resources to ensure solvency.</p>	Financial Projects	<p>Linear and Quadratic equations</p> <p>Ratios and proportions, decimals, percentages, whole numbers, fractions, statistics, Logic If Then Statements (1)</p>	<p>6.EE.6; 6.EE.7; 6.EE.8; 6.EE.9; 7.EE.1; 7.EE.2; 7.EE.3; 7.EE.4; 8.EE.7; 8.EE.8; 8.F.4; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 6.NS.2; 6.NS.3; 6.NS.5; 7.NS.1; 7.NS.2; 7.NS.3; 6.RP.2; 6.NS.1; 6.EE.2; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4</p>	<p>A.CED.1; A.CED.2; A.CED.3; A.CED.4; A.REI.3; A.REI.4; A.REI.10; F.LE.1; F.LE.2; F.LE.5; F.IF.5; A.SSE.1; F.BF.1; N.CN.7; A.REI.4; F.LE.1; F.LE.2; F.LE.5; F.IF.7; F.IF.8; S.ID.6; F.BF.1; G.MG.3; A.APR.1; A.APR.7; N.RN.3; N.Q.1; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1</p>
8	<p>I. ACADEMIC FOUNDATIONS</p> <p><i>A. Demonstrate language arts knowledge and skills required to pursue the full range of post-secondary education and career opportunities.</i></p> <p>2. Demonstrate use of the concepts, strategies, and systems for obtaining and conveying ideas and information to enhance communication in the workplace.</p> <p>3. Locate, organize and reference written information from various sources to</p>				

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	<p>communicate with co-workers and clients/participants.</p> <p>5. Use correct grammar, punctuation and terminology to write and edit documents.</p> <p>6. Develop and deliver formal and informal presentations using appropriate media to engage and inform audiences.</p> <p>7. Interpret verbal and nonverbal cues/behaviors to enhance communication with co-workers and clients/participants.</p>				
	<p>II. COMMUNICATIONS</p> <p><i>A. Develop and interpret tables, charts, and figures to support written and oral communications.</i></p> <p>1. Create tables, charts, and figures to support written and oral communications.</p> <p>2. Interpret tables, charts, and figures used to support written and oral communication.</p> <p><i>B. Apply active listening skills to obtain and clarify information.</i></p> <p>1. Interpret a given verbal message / information.</p> <p>2. Respond with restatement and clarification techniques to clarify information.</p> <p>3. Model behaviors that demonstrate active listening.</p> <p><i>C. Listen to and speak with diverse individuals to enhance communication skills.</i></p> <p>1. Apply factors and strategies for communicating with a diverse workforce.</p> <p>2. Demonstrate ability to communicate and resolve conflicts within a diverse workforce.</p> <p><i>D. Exhibit public relations skills to increase internal and external customer/client satisfaction.</i></p> <p>1. Communicate effectively when developing positive customer/client relationships.</p> <p>2. Use correct grammar to communicate verbally.</p> <p>3. Listen to a presentation and record important information. Report back identifying central themes and use key points to explain how the message applies to a similar situation.</p>	<p>Interpretations of charts and graphs</p>	<p>Charts and tables (2)</p>	<p>6.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 8.SP.3; 8.SP.4</p>	<p>S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6; S.ID.1</p>

Segment	CTE Segments/Performance Elements	CTE Concepts	Math Concepts	Common Core Math Standards Middle School	Common Core Math Standards High School
	<p>IV. INFORMATION TECHNOLOGY APPLICATIONS <i>C. Demonstrate Digital Citizenship</i> 3. Discuss and demonstrate proper netiquette in online communications.</p>				
	<p>IX. EMPLOYABILITY AND CAREER DEVELOPMENT <i>D. Explore, obtain, and develop strategies for ensuring a successful business career.</i> 1. Develop self-understanding to recognize the impact of personal actions on others.</p>				
	<p>X. TECHNICAL SKILLS <i>N. Functional Aspects of Management</i> 14. Communication</p>				
	<p>XI. GENERAL MANAGEMENT PATHWAY <i>B. Obtain and convey ideas and information to impact business decisions and report on organizational activities.</i> 1. Write internal and external analytical reports (i.e., reports that examine a problem/issue and recommend an action).</p>	Analyzing graphs and charts	Graphs and charts (1)	6.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 8.SP.3; 8.SP.4	S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6; S.ID.1

Segment	CTE Segments/Performance Elements	CTE Concepts	Math Concepts	Common Core Math Standards Middle School	Common Core Math Standards High School
9	<p>I. ACADEMIC FOUNDATIONS <i>D. Examine and employ business and economic principles and concepts in making informed business decisions to continue business operations.</i> 2. Describe the nature of business and its contribution to society.</p>	Economics	Linear and Quadratic equations Ratios and proportions, decimals, percentages, whole numbers, fractions, statistics, Logic If Then Statements (1)	6.EE.6; 6.EE.7; 6.EE.8; 6.EE.9; 7.EE.1; 7.EE.2; 7.EE.3; 7.EE.4; 8.EE.7; 8.EE.8; 8.F.4; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 6.NS.2; 6.NS.3; 6.NS.5; 7.NS.1; 7.NS.2; 7.NS.3; 6.NS.2; 6.NS.3; 6.NS.1; 6.EE.2;; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4	A.CED.1; A.CED.2; A.CED.3; A.CED.4; A.REI.3; A.REI.4; A.REI.10; F.LE.1; F.LE.2; F.LE.5; F.IF.5; A.SSE.1; F.BF.1; N.CN.7; A.REI.4; F.LE.1; F.LE.2; F.LE.5; F.IF.7; F.IF.8; F.BF.1; G.MG.3; A.APR.1; A.APR.7; N.RN.3; N.Q.1; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.ID.6; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1
	<p>III. PROBLEM-SOLVING AND CRITICAL THINKING <i>A. Solve problems using critical thinking skills (analyze, synthesize, and evaluate) independently and in teams. Solve problems using creativity and innovation.</i> 1. Employ critical thinking skills independently and in teams to solve problems and make decisions (e.g., analyze, synthesize and evaluate). 2. Employ critical thinking and interpersonal skills to resolve conflicts with staff and/or customers. 3. Identify, write and monitor workplace performance goals to guide progress in assigned areas of responsibility and accountability. 4. Conduct technical research to gather information necessary for decision-making.</p>	Product analysis and break even analysis	Linear and Quadratic equations Ratios and proportions, decimals, percentages, whole numbers, fractions, statistics, Logic If Then Statements (1)	6.EE.6; 6.EE.7; 6.EE.8; 6.EE.9; 7.EE.1; 7.EE.2; 7.EE.3; 7.EE.4; 8.EE.7; 8.EE.8; 8.F.4; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 6.NS.2; 6.NS.3; 6.NS.5; 6.NS.1; 6.EE.2; 7.NS.1; 7.NS.2; 7.NS.3; 6.SP.4; 6.SP.5; 7.SP.2;	A.CED.1; A.CED.2; A.CED.3; A.CED.4; A.REI.3; A.REI.4; A.REI.10; F.LE.1; F.LE.2; F.LE.5; F.IF.5; A.SSE.1; F.BF.1; N.CN.7; A.REI.4; F.LE.1; F.LE.2; F.LE.5; F.IF.7; F.IF.8; S.ID.6; F.BF.1; G.MG.3; A.APR.1; A.APR.7; N.RN.3; N.Q.1; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.IC.1; S.IC.3;

Segment	CTE Segments/Performance Elements	CTE Concepts	Math Concepts	Common Core Math Standards Middle School	Common Core Math Standards High School
				7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4	S.IC.4; S.IC.6; S.MD.1; S.CP.1
	<p>V. SYSTEMS A. Describe the nature and types of business organizations to build an understanding of the scope of organizations. 1. Describe the types and functions of businesses. 2. Explain the functions and interactions of common departments within a business.</p>				
	<p>VII. LEADERSHIP AND TEAMWORK A. Use leadership and teamwork skills in collaborating with others to accomplish organizational goals and objectives. 1. Employ leadership skills to accomplish organizational goals and objectives. 2. Employ organizational and staff development skills to foster positive working relationships and accomplish organizational goals. 3. Employ teamwork skills to achieve collective goals and use team members' talents effectively. 4. Establish and maintain effective working relationships with all levels of personnel and other departments in order to accomplish objectives and tasks. 5. Conduct and participate in meetings to accomplish work tasks. 6. Employ mentoring skills to inspire and teach others.</p>				

Segment	CTE Segments/Performance Elements	CTE Concepts	Math Concepts	Common Core Math Standards Middle School	Common Core Math Standards High School
	<p>VIII. ETHICS AND LEGAL RESPONSIBILITIES <i>B. Describe business's responsibility to know and abide by laws and regulations that affect business operations.</i> 3. Manage internal and external business relationships to foster positive interactions.</p>				
	<p>X. TECHNICAL SKILLS <i>E. Employ tools and strategies to influence, plan, control, and organize an organization/department.</i> 1. Explain the role that business management has in contributing to business success. <i>H. Employ systems, strategies, and techniques used to collect, organize, analyze, and share information in an organization.</i> 1. Explain the nature and scope of knowledge management practices within a business. 2. Use knowledge management strategies to improve the performance and competitive advantage of an organization. <i>L. Organization and Human Resources</i> 5. Organizational development <i>N. Functional Aspects of Management</i> 1. Planning 2. Organizing 3. Leading 4. Controlling 5. Authority 6. Decision making 7. Organization charts 8. Leadership 9. Organizational structure 11. Problem solving 12. Group dynamics and team functions 13. Conflict resolution 15. Change 16. Organizational theory 17. Historical aspects <i>O. International Management and Contemporary Issues</i> 7. Systems 10. Management theories and</p>	11, 13, 15, 17	Graphs, charts, ratios and proportions, problem solving	6.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 8.SP.3; 8.SP.4; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 7.EE.3	S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6; S.ID.1; G.MG.3; N.Q.1; N.Q.2; N.Q.3; S.ID.6

Segment	CTE Segments/Performance Elements	CTE Concepts	Math Concepts	Common Core Math Standards Middle School	Common Core Math Standards High School
	<p>theorists</p> <p>12. Creativity and innovation</p>				
	<p>XI. GENERAL MANAGEMENT PATHWAY</p> <p><i>G. Plan, organize, and control an organization / department to optimize overall business success.</i></p> <p>1. Explain management's role in contributing to successful business operations.</p> <p>2. Plan organization's / department's activities to guide and support decisions and to ensure that staff focus on priorities.</p> <p>6. Design organizational structure to facilitate business activities.</p> <p>7. Determine staffing needs to minimize costs while maximizing business contribution.</p> <p>8. Control organization's/department's activities to monitor business activities and to make business decisions.</p> <p><i>H. Implement strategic plans to manage business growth, profit, and goals.</i></p> <p>1. Analyze strategic plan.</p> <p>2. Devise the operational roll-out of strategic initiatives.</p>	G7, G8, H	Graphs, charts, ratios and proportions, problem solving	6.EE.2; 6.EE.3; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 8.SP.3; 8.SP.4; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 7.EE.3	S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6; S.ID.1; G.MG.3; N.Q.1; N.Q.2; N.Q.3; S.ID.6
10	<p>IV. INFORMATION TECHNOLOGY APPLICATIONS</p> <p><i>C. Demonstrate Digital Citizenship</i></p> <p>1. Identify legal and ethical issues related to the use of information and communication technologies (e.g., properly selecting and citing resources).</p> <p>2. Discuss possible long-range effects of unethical uses of technology (e.g., virus spreading, file pirating, hacking) on cultures and society.</p> <p>5. Create appropriate citations for resources when presenting research findings.</p>	C2, C5	Whole numbers, fractions, decimals (2)	6.NS.1; 6.EE.2; 6.NS.2; 6.NS.3; 6.NS.5; 7.NS.1; 7.NS.2; 7.NS.3; 7.EE.3	A.APR.1; A.APR.7; N.RN.3; N.Q.1

Segment	CTE Segments/Performance Elements	CTE Concepts	Math Concepts	Common Core Math Standards Middle School	Common Core Math Standards High School
	6. Discuss and adhere to fair use policies and copyright guidelines.				
	<p>VI. SAFETY, HEALTH AND ENVIRONMENTAL</p> <p><i>A. Implement personal and jobsite safety rules and regulations to maintain safe and healthful working conditions and environments.</i></p> <p>1. Assess workplace conditions with regard to safety and health.</p> <p>2. Select appropriate personal protective equipment as needed for a safe workplace / jobsite.</p> <p><i>B. Complete work tasks in accordance with employee rights and responsibilities and employers obligations to maintain workplace safety and health.</i></p> <p>1. Identify rules and laws designed to promote safety and health in the workplace.</p> <p>2. State the rationale of rules and laws designed to promote safety and health.</p> <p><i>E. Implement safety, health, and environmental controls to enhance business productivity.</i></p> <p>1. Adhere to health and safety regulations to support a safe work environment.</p>	Looking at what companies have done	Analyzing statistics, reading charts and graphs (2)	6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 6.EE.2; 6.EE.3; 8.SP.3; 8.SP.4	S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.ID.6; S.IC.6; S.MD.1; S.CP.1; S.IC.1; S.IC.2; S.IC.3; S.IC.4; S.IC.5; S.IC.6
	<p>VIII. ETHICS AND LEGAL RESPONSIBILITIES</p> <p><i>A. Know and understand the importance of professional ethics and legal responsibilities.</i></p> <p>1. Apply ethical reasoning to a variety of workplace situations in order to make ethical decisions.</p> <p><i>B. Describe business's responsibility to know and abide by laws and regulations that affect business operations.</i></p> <p>1. Obtain and provide information</p>				

Segment	CTE Segments/Performance Elements	CTE Concepts	Math Concepts	Common Core Math Standards Middle School	Common Core Math Standards High School
	<p>in a business setting.</p> <p>2. Demonstrate ethical behaviors in the workplace.</p> <p>4. Describe the nature and scope of business laws and regulations.</p> <p>5. Describe the elements of a business contract.</p> <p>6. Describe the current regulatory environment of United States' businesses.</p> <p>9. Describe applicable commerce laws and regulations.</p> <p>10. Explain applicable tax laws and regulations to comply with government requirements.</p>				
	<p>X. TECHNICAL SKILLS</p> <p><i>O. International Management and Contemporary Issues</i></p> <p>5. Social responsibilities of business</p> <p>6. Ethics</p> <p>8. Environment</p> <p>9. Government regulation</p>				
	<p>XI. GENERAL MANAGEMENT PATHWAY</p> <p><i>A. Describe management's responsibility to know and abide by laws and regulations that affect business operations and transactions.</i></p> <p>1. Adhere to regulations for business expansion to meet government requirements and industry standards.</p> <p><i>D. Employ and manage techniques, strategies, and systems used by management to foster self-understanding and enhance business relationships.</i></p> <p>1. Demonstrate managerial ethics.</p>				

Segment	CTE Segments/Performance Elements	CTE Concepts	Math Concepts	Common Core Math Standards Middle School	Common Core Math Standards High School
11	<p>X. TECHNICAL SKILLS</p> <p><i>B. Employ planning and time management skills and tools to enhance results and complete work tasks.</i></p> <ol style="list-style-type: none"> 1. Develop goals and objectives. 2. Prioritize tasks to be completed 3. Develop timelines using time management knowledge and skills. 4. Use project-management skills to improve workflow and minimize costs. <p><i>C. Access, process, maintain, evaluate, and disseminate information to assist in business decision-making.</i></p> <ol style="list-style-type: none"> 1. Utilize project-management skills to improve workflow and minimize costs. <p><i>I. Plan, implement, monitor, and evaluate business projects.</i></p> <ol style="list-style-type: none"> 1. Utilize project management skills to start, run, and complete projects. 	<p>Financial Cost analysis Analyze information</p>	<p>Whole numbers, fractions, decimals, percentages, ratio and proportions, time, linear equations, statistics (all), Logic If then statements (1)</p>	<p>6.NS.1; 6.EE.2; 7.NS.1; 7.NS.2; 7.NS.3; 6.NS.2; 6.NS.3; 6.NS.5; 7.EE.2; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 7.EE.3; 6.EE.6; 6.EE.7; 6.EE.8; 6.EE.9; 7.EE.1; 7.EE.2; 7.EE.3; 7.EE.4; 8.EE.7; 8.EE.8; 8.F.4; 6.SP.4; 6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4</p>	<p>A.APR.1; A.APR.7; N.RN.3; N.Q.1; G.MG.3; A.CED.1; A.CED.2; A.CED.3; A.CED.4; A.REI.3; A.REI.4; A.REI.10; F.LE.1; F.LE.2; F.LE.5; F.IF.5; A.SSE.1; F.BF.1; S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.ID.6; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1</p>
12	<p>I. ACADEMIC FOUNDATIONS</p> <p><i>A. Demonstrate language arts knowledge and skills required to pursue the full range of post-secondary education and career opportunities.</i></p> <ol style="list-style-type: none"> 1. Select and employ appropriate reading and communication strategies to learn and use technical concepts and vocabulary in practice. 4. Evaluate and use information resources to accomplish specific occupational tasks. <p><i>C. Demonstrate science knowledge and skills required to pursue the full range of post-secondary and career education opportunities.</i></p> <ol style="list-style-type: none"> 1. Evaluate scientific constructs including conclusions, conflicting data, controls, data, inferences, limitations, questions, sources of errors, and variables. 2. Apply scientific methods in qualitative and quantitative analysis, data 	<p>Employment opportunities, compare and contrast, problem solving</p>	<p>Whole numbers, fractions, decimals, percentages, ratio and proportions, time, linear equations, statistics (all), Logic If then statements (2)</p>	<p>6.NS.1; 6.EE.2; 7.NS.1; 7.NS.2; 7.NS.3; 6.NS.2; 6.NS.3; 6.NS.5; 7.EE.2; 6.RP.1; 6.RP.2; 6.RP.3; 7.RP.1; 7.RP.2; 7.RP.3; 7.EE.3; 6.EE.6; 6.EE.7; 6.EE.8; 6.EE.9; 7.EE.1; 7.EE.2; 7.EE.3; 7.EE.4; 8.EE.7; 8.EE.8; 8.F.4; 6.SP.4;</p>	<p>A.APR.1; A.APR.7; N.RN.3; N.Q.1; G.MG.3; A.CED.1; A.CED.2; A.CED.3; A.CED.4; A.REI.3; A.REI.4; A.REI.10; F.LE.1; F.LE.2; F.LE.5; F.IF.5; A.SSE.1; F.BF.1S.ID.1; S.ID.2; S.ID.3; S.ID.5; S.ID.6; S.IC.1; S.IC.3; S.IC.4; S.IC.6; S.MD.1; S.CP.1</p>

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	gathering, direct and indirect observation, predictions, and problem identification.			6.SP.5; 7.SP.2; 7.SP.3; 7.SP.4; 7.SP.5; 8.SP.1; 8.SP.3; 8.SP.4	
	<p>IX. EMPLOYABILITY AND CAREER DEVELOPMENT</p> <p><i>A. Know and understand the importance of employability skills.</i></p> <ol style="list-style-type: none"> 1. Identify and demonstrate positive work behaviors and personal qualities needed to be employable. 2. Manage resources in relation to the position (i.e. budget, supplies, computer, etc). <p><i>B. Explore, plan, and effectively manage careers.</i></p> <ol style="list-style-type: none"> 1. Develop a personal career plan to meet career goals and objectives. 2. Identify and explore career opportunities in one or more career pathways to build an understanding of the opportunities available in the cluster. 3. Recognize and act upon requirements for career advancement to plan for continuing education and training. 4. Continue professional development to keep current on relevant trends and information within the industry. 5. Examine licensing, certification and credentialing requirements at the national, state and local levels to maintain compliance with industry requirements. 6. Examine employment opportunities in entrepreneurship to consider entrepreneurship as an option for career planning. <p><i>C. Demonstrate skills related to seeking and applying for employment to find and obtain a desired job.</i></p> <ol style="list-style-type: none"> 1. Use multiple resources to locate job opportunities. 2. Prepare a résumé. 3. Prepare a letter of application. 	Budget	Whole numbers, decimals, fractions, percentages	6.NS.1; 6.EE.2; 7.NS.1; 7.NS.2; 7.NS.3; 6.NS.2; 6.NS.3; 6.NS.5; 6.RP.2; 6.RP.3; 7.EE.2; 7.EE.3	A.APR.1; A.APR.7; N.RN.3; N.Q.1

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	<p>4. Complete an employment application.</p> <p>5. Interview for employment.</p> <p>6. List the standards and qualifications that must be met in order to enter a given industry.</p> <p>7. Employ critical thinking and decision-making skills to exhibit qualifications to a potential employer.</p> <p>8. Maintain a career portfolio to document knowledge, skills and experience in a career field.</p> <p>9. Demonstrate skills in evaluating and comparing employment opportunities in order to accept employment positions that match career goals.</p> <p>10. Identify and exhibit traits for retaining employment to maintain employment once secured.</p> <p><i>D. Explore, obtain, and develop strategies for ensuring a successful business career.</i></p> <p>2. Develop personal traits and behaviors to foster career advancement.</p> <p>3. Participate in career-planning to enhance job-success potential.</p> <p>4. Implement job-seeking skills to obtain employment.</p> <p>5. Utilize career-advancement activities to enhance professional development.</p>				