

Principles of Food Preparation**8500390****Outcome # 01.0 EXPLAIN PRINCIPLES OF FOOD PREPARATION--THE STUDENT WILL BE ABLE TO:****Performance Task# 01.01 Analyze the scientific basis for changes in food during preparation, to include protein, starch, fiber, sugars, fats, vitamins and minerals.**

SSS Strand: Reading		Essential Work Skills	
LA.A 2.4.4	H Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
SSS Strand: Data Analysis and Probability		Essential Work Skills	
MA.E 1.4.1	H Interprets data that has been collected, organized, and displayed in charts, tables, and plots.	m05	Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
		m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
		m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i. e., distributing individuals into one hundred groups of equal frequency).
SSS Strand: Processes of Life		Essential Work Skills	
SC.F 1.4.3	H Knows that membranes are sites for chemical synthesis and essential energy conversions.	s42	Understand the chemical reactions involved in cell functions (e.g., food molecules taken into cells are broken down to provide the chemical constituents needed to synthesize other molecules).
SC.F 1.4.4	M Understands that biological systems obey the same laws of conservation as physical systems.	s42	Understand the chemical reactions involved in cell functions (e.g., food molecules taken into cells are broken down to provide the chemical constituents needed to synthesize other molecules).
SC.F 1.4.5	H Knows that complex interactions among the different kinds of molecules in the cell cause distinct cycles of activity governed by proteins.	s42	Understand the chemical reactions involved in cell functions (e.g., food molecules taken into cells are broken down to provide the chemical constituents needed to synthesize other molecules).
Performance Task# 01.02 Identify the techniques for conserving nutrients during food preparation.			
SSS Strand: Reading		Essential Work Skills	
LA.A 2.4.4	H Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

LA.A 2.4.8 H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
SSS Strand: Data Analysis and Probability		Essential Work Skills	
MA.E 1.4.1 H	Interprets data that has been collected, organized, and displayed in charts, tables, and plots.	m05	Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
		m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
		m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i. e., distributing individuals into one hundred groups of equal frequency).
SSS Strand: Processes of Life		Essential Work Skills	
SC.F 1.4.3 H	Knows that membranes are sites for chemical synthesis and essential energy conversions.	s42	Understand the chemical reactions involved in cell functions (e.g., food molecules taken into cells are broken down to provide the chemical constituents needed to synthesize other molecules).
SC.F 1.4.4 M	Understands that biological systems obey the same laws of conservation as physical systems.	s42	Understand the chemical reactions involved in cell functions (e.g., food molecules taken into cells are broken down to provide the chemical constituents needed to synthesize other molecules).
SC.F 1.4.5 H	Knows that complex interactions among the different kinds of molecules in the cell cause distinct cycles of activity governed by proteins.	s42	Understand the chemical reactions involved in cell functions (e.g., food molecules taken into cells are broken down to provide the chemical constituents needed to synthesize other molecules).
Performance Task# 01.03 Analyze how ingredients affect product outcome.			
SSS Strand: Reading		Essential Work Skills	
LA.A 2.4.4 H	Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7 H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8 H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
SSS Strand: Data Analysis and Probability		Essential Work Skills	
MA.E 1.4.1 H	Interprets data that has been collected, organized, and displayed in charts, tables, and plots.	m05	Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
		m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
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SSS Strand: Processes of Life		Essential Work Skills	

SC.F 1.4.3	H	Knows that membranes are sites for chemical synthesis and essential energy conversions.	s42	Understand the chemical reactions involved in cell functions (e.g., food molecules taken into cells are broken down to provide the chemical constituents needed to synthesize other molecules).
SC.F 1.4.4	M	Understands that biological systems obey the same laws of conservation as physical systems.	s42	Understand the chemical reactions involved in cell functions (e.g., food molecules taken into cells are broken down to provide the chemical constituents needed to synthesize other molecules).
SC.F 1.4.5	H	Knows that complex interactions among the different kinds of molecules in the cell cause distinct cycles of activity governed by proteins.	s42	Understand the chemical reactions involved in cell functions (e.g., food molecules taken into cells are broken down to provide the chemical constituents needed to synthesize other molecules).

Outcome # 02.0 EXPLAIN PRINCIPLES OF FOOD SELECTION AND STORAGE--THE STUDENT WILL BE ABLE TO:

Performance Task# 02.01 Identify quality characteristics, such as grades, size, freshness, and dating, used to select foods.

SSS Strand: Reading			Essential Work Skills	
LA.A 2.4.7	H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
SSS Strand: Measurement			Essential Work Skills	
MA.B 1.4.1	H	Uses concrete and graphic models to derive formulas for finding perimeter, area, surface area, circumference, and volume of two- and three-dimensional shapes, including rectangular solids, cylinders, cones, and pyramids.	m13	Compute the perimeter and area of two-dimensional figures.
			m17	Compute the volume of three-dimensional figures (solids).
SSS Strand: Data Analysis and Probability			Essential Work Skills	
MA.E 1.4.1	H	Interprets data that has been collected, organized, and displayed in charts, tables, and plots.	m05	Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
			m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
			m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i. e., distributing individuals into one hundred groups of equal frequency).
MA.E 1.4.2	H	Calculates measures of central tendency (mean, median, and mode) and dispersion (range, standard deviation, and variance) for complex sets of data and determines the most meaningful measure to describe the data.	m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
			m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i. e., distributing individuals into one hundred groups of equal frequency).
MA.E 1.4.3	H	Analyzes real-world data and makes predictions of larger populations by applying formulas to calculate measures of central tendency and dispersion using the sample population data, and using appropriate technology, including calculators and computers.	m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).

		m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i.e., distributing individuals into one hundred groups of equal frequency).
SSS Strand: How Living Things Interact with Their Environment		Essential Work Skills	
SC.G 1.4.1	H Knows of the great diversity and interdependence of living things.	s13	Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
SC.G 1.4.2	H Understands how the flow of energy through an ecosystem made up of producers, consumers, and decomposers carries out the processes of life and that some energy dissipates as heat and is not recycled.	s13	Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
SC.G 1.4.3	M Knows that the chemical elements that make up the molecules of living things are combined and recombined in different ways.	s99	Understand and apply organic reactions involving substitution, addition, fermentation, oxidation, polymerization, etc.
Performance Task# 02.02 Compare costs, nutritional value, and characteristics of fresh, frozen, dehydrated, and canned foods.			
SSS Strand: Reading		Essential Work Skills	
LA.A 2.4.7	H Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
SSS Strand: Measurement		Essential Work Skills	
MA.B 1.4.1	H Uses concrete and graphic models to derive formulas for finding perimeter, area, surface area, circumference, and volume of two- and three-dimensional shapes, including rectangular solids, cylinders, cones, and pyramids.	m13	Compute the perimeter and area of two-dimensional figures.
		m17	Compute the volume of three-dimensional figures (solids).
SSS Strand: Data Analysis and Probability		Essential Work Skills	
MA.E 1.4.1	H Interprets data that has been collected, organized, and displayed in charts, tables, and plots.	m05	Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
		m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
		m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i.e., distributing individuals into one hundred groups of equal frequency).
MA.E 1.4.2	H Calculates measures of central tendency (mean, median, and mode) and dispersion (range, standard deviation, and variance) for complex sets of data and determines the most meaningful measure to describe the data.	m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
		m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i.e., distributing individuals into one hundred groups of equal frequency).

MA.E 1.4.3	H	Analyzes real-world data and makes predictions of larger populations by applying formulas to calculate measures of central tendency and dispersion using the sample population data, and using appropriate technology, including calculators and computers.	m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
			m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i.e., distributing individuals into one hundred groups of equal frequency).
SSS Strand: How Living Things Interact with Their Environment			Essential Work Skills	
SC.G 1.4.1	H	Knows of the great diversity and interdependence of living things.	s13	Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
SC.G 1.4.2	H	Understands how the flow of energy through an ecosystem made up of producers, consumers, and decomposers carries out the processes of life and that some energy dissipates as heat and is not recycled.	s13	Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
SC.G 1.4.3	M	Knows that the chemical elements that make up the molecules of living things are combined and recombined in different ways.	s99	Understand and apply organic reactions involving substitution, addition, fermentation, oxidation, polymerization, etc.
Performance Task# 02.03 Choose appropriate storage methods for foods.				
SSS Strand: Reading			Essential Work Skills	
LA.A 2.4.7	H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
SSS Strand: Measurement			Essential Work Skills	
MA.B 1.4.1	H	Uses concrete and graphic models to derive formulas for finding perimeter, area, surface area, circumference, and volume of two- and three-dimensional shapes, including rectangular solids, cylinders, cones, and pyramids.	m13	Compute the perimeter and area of two-dimensional figures.
			m17	Compute the volume of three-dimensional figures (solids).
SSS Strand: Data Analysis and Probability			Essential Work Skills	
MA.E 1.4.1	H	Interprets data that has been collected, organized, and displayed in charts, tables, and plots.	m05	Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
			m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
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MA.E 1.4.2	H	Calculates measures of central tendency (mean, median, and mode) and dispersion (range, standard deviation, and variance) for complex sets of data and determines the most meaningful measure to describe the data.	m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
			m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i.e., distributing individuals into one hundred groups of equal frequency).

MA.E 1.4.3	H	Analyzes real-world data and makes predictions of larger populations by applying formulas to calculate measures of central tendency and dispersion using the sample population data, and using appropriate technology, including calculators and computers.	m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
			m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i.e., distributing individuals into one hundred groups of equal frequency).

SSS Strand: How Living Things Interact with Their Environment	Essential Work Skills
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SC.G 1.4.1	H	Knows of the great diversity and interdependence of living things.	s13	Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
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SC.G 1.4.2	H	Understands how the flow of energy through an ecosystem made up of producers, consumers, and decomposers carries out the processes of life and that some energy dissipates as heat and is not recycled.	s13	Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
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SC.G 1.4.3	M	Knows that the chemical elements that make up the molecules of living things are combined and recombined in different ways.	s99	Understand and apply organic reactions involving substitution, addition, fermentation, oxidation, polymerization, etc.
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Outcome # 03.0 DEMONSTRATE FOOD PREPARATION SKILLS--THE STUDENT WILL BE ABLE TO:

Performance Task# 03.01 Interpret and use recipes, to include increasing and decreasing ingredients and using substitutions.

SSS Strand: Reading	Essential Work Skills
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LA.A 2.4.4	H	Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
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LA.A 2.4.7	H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
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LA.A 2.4.8	H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
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SSS Strand: Number Sense, Concepts and Operations	Essential Work Skills
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MA.A 3.4.3	H	Adds, subtracts, multiplies, and divides real numbers, including square roots and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
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			m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.
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			m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.
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SSS Strand: Measurement	Essential Work Skills
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MA.B 1.4.1	H	Uses concrete and graphic models to derive formulas for finding perimeter, area, surface area, circumference, and volume of two- and three-dimensional shapes, including rectangular solids, cylinders, cones, and pyramids.	m13	Compute the perimeter and area of two-dimensional figures.
			m17	Compute the volume of three-dimensional figures (solids).
MA.B 3.4.1	H	Solves real-world and mathematical problems involving estimates of measurements, including length, time, weight/mass, temperature, money, perimeter, area, and volume, and estimates the effects of measurement errors on calculations.	m33	Use the technique of dimensional analysis to convert units of measure (e.g., convert km/hr to m/min) including drawing to scale and applying ratios. Understand and use various techniques for estimating, making and converting measure; and using these to perform dimensional analysis.
MA.B 4.4.1	L	Determines the level of accuracy and precision, including absolute and relative errors or tolerance, required in real-world measurement situations.		No Essential Work Skill
MA.B 4.4.2	L	Selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation.		No Essential Work Skill

SSS Strand: How Living Things Interact with Their Environment	Essential Work Skills
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SC.G 1.4.1	H	Knows of the great diversity and interdependence of living things.	s13	Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
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Performance Task# 03.02	Demonstrate basic food preparation skills such as techniques of cutting, mixing, cooking and measuring.
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SSS Strand: Reading	Essential Work Skills
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LA.A 2.4.4	H	Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations	Essential Work Skills
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MA.A 3.4.3	H	Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
			m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.
			m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.

SSS Strand: Measurement	Essential Work Skills
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MA.B 1.4.1	H	Uses concrete and graphic models to derive formulas for finding perimeter, area, surface area, circumference, and volume of two- and three-dimensional shapes, including rectangular solids, cylinders, cones, and pyramids.	m13	Compute the perimeter and area of two-dimensional figures.
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		m17	Compute the volume of three-dimensional figures (solids).
MA.B 3.4.1	H	Solves real-world and mathematical problems involving estimates of measurements, including length, time, weight/mass, temperature, money, perimeter, area, and volume, and estimates the effects of measurement errors on calculations.	m33 Use the technique of dimensional analysis to convert units of measure (e.g., convert km/hr to m/min) including drawing to scale and applying ratios. Understand and use various techniques for estimating, making and converting measure; and using these to perform dimensional analysis.
MA.B 4.4.1	L	Determines the level of accuracy and precision, including absolute and relative errors or tolerance, required in real-world measurement situations.	No Essential Work Skill
MA.B 4.4.2	L	Selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation.	No Essential Work Skill

SSS Strand: How Living Things Interact with Their Environment	Essential Work Skills
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SC.G 1.4.1	H	Knows of the great diversity and interdependence of living things.	s13 Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
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Performance Task# 03.03 Select, use, care for and store food preparation equipment.

SSS Strand: Reading	Essential Work Skills
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LA.A 2.4.4	H	Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03 Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03 Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H	Synthesizes information from multiple sources to draw conclusions.	e03 Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations	Essential Work Skills
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MA.A 3.4.3	H	Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01 Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
			m44 Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.
			m62 Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.

SSS Strand: Measurement	Essential Work Skills
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MA.B 1.4.1	H	Uses concrete and graphic models to derive formulas for finding perimeter, area, surface area, circumference, and volume of two- and three-dimensional shapes, including rectangular solids, cylinders, cones, and pyramids.	m13 Compute the perimeter and area of two-dimensional figures.
			m17 Compute the volume of three-dimensional figures (solids).

MA.B 3.4.1	H	Solves real-world and mathematical problems involving estimates of measurements, including length, time, weight/mass, temperature, money, perimeter, area, and volume, and estimates the effects of measurement errors on calculations.	m33	Use the technique of dimensional analysis to convert units of measure (e.g., convert km/hr to m/min) including drawing to scale and applying ratios. Understand and use various techniques for estimating, making and converting measure; and using these to perform dimensional analysis.
MA.B 4.4.1	L	Determines the level of accuracy and precision, including absolute and relative errors or tolerance, required in real-world measurement situations.		No Essential Work Skill
MA.B 4.4.2	L	Selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation.		No Essential Work Skill

SSS Strand: How Living Things Interact with Their Environment	Essential Work Skills
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SC.G 1.4.1	H	Knows of the great diversity and interdependence of living things.	s13	Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
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Performance Task# 03.04	Explain the relationship between food borne illnesses and practices of food safety and sanitation.
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SSS Strand: Reading	Essential Work Skills
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LA.A 2.4.4	H	Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations	Essential Work Skills
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MA.A 3.4.3	H	Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
			m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.
			m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.

SSS Strand: Measurement	Essential Work Skills
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MA.B 1.4.1	H	Uses concrete and graphic models to derive formulas for finding perimeter, area, surface area, circumference, and volume of two- and three-dimensional shapes, including rectangular solids, cylinders, cones, and pyramids.	m13	Compute the perimeter and area of two-dimensional figures.
			m17	Compute the volume of three-dimensional figures (solids).

MA.B 3.4.1	H	Solves real-world and mathematical problems involving estimates of measurements, including length, time, weight/mass, temperature, money, perimeter, area, and volume, and estimates the effects of measurement errors on calculations.	m33	Use the technique of dimensional analysis to convert units of measure (e.g., convert km/hr to m/min) including drawing to scale and applying ratios. Understand and use various techniques for estimating, making and converting measure; and using these to perform dimensional analysis.
MA.B 4.4.1	L	Determines the level of accuracy and precision, including absolute and relative errors or tolerance, required in real-world measurement situations.		No Essential Work Skill
MA.B 4.4.2	L	Selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation.		No Essential Work Skill

SSS Strand: How Living Things Interact with Their Environment	Essential Work Skills
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SC.G 1.4.1	H	Knows of the great diversity and interdependence of living things.	s13	Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
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Performance Task# 03.05 Identify ways of including family members in meal planning and preparation.
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SSS Strand: Reading	Essential Work Skills
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LA.A 2.4.4	H	Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations	Essential Work Skills
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MA.A 3.4.3	H	Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
			m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.
			m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.

SSS Strand: Measurement	Essential Work Skills
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MA.B 1.4.1	H	Uses concrete and graphic models to derive formulas for finding perimeter, area, surface area, circumference, and volume of two- and three-dimensional shapes, including rectangular solids, cylinders, cones, and pyramids.	m13	Compute the perimeter and area of two-dimensional figures.
			m17	Compute the volume of three-dimensional figures (solids).

MA.B 3.4.1	H	Solves real-world and mathematical problems involving estimates of measurements, including length, time, weight/mass, temperature, money, perimeter, area, and volume, and estimates the effects of measurement errors on calculations.	m33	Use the technique of dimensional analysis to convert units of measure (e.g., convert km/hr to m/min) including drawing to scale and applying ratios. Understand and use various techniques for estimating, making and converting measure; and using these to perform dimensional analysis.
MA.B 4.4.1	L	Determines the level of accuracy and precision, including absolute and relative errors or tolerance, required in real-world measurement situations.		No Essential Work Skill
MA.B 4.4.2	L	Selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation.		No Essential Work Skill

SSS Strand: How Living Things Interact with Their Environment	Essential Work Skills
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SC.G 1.4.1	H	Knows of the great diversity and interdependence of living things.	s13	Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
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Performance Task# 03.06 Clean and maintain food preparation areas.

SSS Strand: Reading	Essential Work Skills
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LA.A 2.4.4	H	Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations	Essential Work Skills
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MA.A 3.4.3	H	Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
			m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.
			m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.

SSS Strand: Measurement	Essential Work Skills
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MA.B 1.4.1	H	Uses concrete and graphic models to derive formulas for finding perimeter, area, surface area, circumference, and volume of two- and three-dimensional shapes, including rectangular solids, cylinders, cones, and pyramids.	m13	Compute the perimeter and area of two-dimensional figures.
			m17	Compute the volume of three-dimensional figures (solids).

MA.B 3.4.1	H	Solves real-world and mathematical problems involving estimates of measurements, including length, time, weight/mass, temperature, money, perimeter, area, and volume, and estimates the effects of measurement errors on calculations.	m33	Use the technique of dimensional analysis to convert units of measure (e.g., convert km/hr to m/min) including drawing to scale and applying ratios. Understand and use various techniques for estimating, making and converting measure; and using these to perform dimensional analysis.
MA.B 4.4.1	L	Determines the level of accuracy and precision, including absolute and relative errors or tolerance, required in real-world measurement situations.		No Essential Work Skill
MA.B 4.4.2	L	Selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation.		No Essential Work Skill

SSS Strand: How Living Things Interact with Their Environment	Essential Work Skills
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SC.G 1.4.1	H	Knows of the great diversity and interdependence of living things.	s13	Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
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Performance Task# 03.07 Assess the quality of the prepared food.

SSS Strand: Reading	Essential Work Skills
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LA.A 2.4.4	H	Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations	Essential Work Skills
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MA.A 3.4.3	H	Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
			m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.
			m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.

SSS Strand: Measurement	Essential Work Skills
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MA.B 1.4.1	H	Uses concrete and graphic models to derive formulas for finding perimeter, area, surface area, circumference, and volume of two- and three-dimensional shapes, including rectangular solids, cylinders, cones, and pyramids.	m13	Compute the perimeter and area of two-dimensional figures.
			m17	Compute the volume of three-dimensional figures (solids).

MA.B 3.4.1	H	Solves real-world and mathematical problems involving estimates of measurements, including length, time, weight/mass, temperature, money, perimeter, area, and volume, and estimates the effects of measurement errors on calculations.	m33	Use the technique of dimensional analysis to convert units of measure (e.g., convert km/hr to m/min) including drawing to scale and applying ratios. Understand and use various techniques for estimating, making and converting measure; and using these to perform dimensional analysis.
MA.B 4.4.1	L	Determines the level of accuracy and precision, including absolute and relative errors or tolerance, required in real-world measurement situations.		No Essential Work Skill
MA.B 4.4.2	L	Selects and uses appropriate instruments, technology, and techniques to measure quantities in order to achieve specified degrees of accuracy in a problem situation.		No Essential Work Skill

SSS Strand: How Living Things Interact with Their Environment	Essential Work Skills
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SC.G 1.4.1	H	Knows of the great diversity and interdependence of living things.	s13	Understand ecology as the study of the interactions and relationships of organisms with their living and nonliving environments (i.e., the ecosystem, communities, and populations).
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**Outcome # 04.0 CHOOSE APPROPRIATE FOOD SERVICE FOR VARIOUS OCCASIONS--
THE STUDENT WILL BE ABLE TO:**

Performance Task# 04.01 Analyze the importance of etiquette and manners.

SSS Strand: Reading	Essential Work Skills
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LA.A 2.4.4	H	Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations	Essential Work Skills
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MA.A 3.4.3	H	Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
			m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.
			m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.

Performance Task# 04.02 Demonstrate etiquette and manners related to food service for various occasions.

SSS Strand: Reading	Essential Work Skills
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LA.A 2.4.4	H	Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations	Essential Work Skills
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MA.A 3.4.3	H	Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
			m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.

			m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.
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Performance Task# 04.03	Plan appropriate table settings and service.
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SSS Strand: Reading	Essential Work Skills
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LA.A 2.4.4	H	Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H	Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H	Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations	Essential Work Skills
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MA.A 3.4.3	H	Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
			m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.

			m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.
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Performance Task# 04.04	Plan, prepare, and serve creative cuisine such as ethnic, regional, and foods for special occasions.
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SSS Strand: Reading		Essential Work Skills	
L.A.A 2.4.4	H Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
L.A.A 2.4.7	H Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
L.A.A 2.4.8	H Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations		Essential Work Skills	
MA.A 3.4.3	H Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
		m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.
		m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.

Performance Task# 04.05 Assess the implementation of a meal management plan for meal preparation and service.

SSS Strand: Reading		Essential Work Skills	
L.A.A 2.4.4	H Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
L.A.A 2.4.7	H Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
L.A.A 2.4.8	H Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations		Essential Work Skills	
MA.A 3.4.3	H Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
		m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.
		m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.

Performance Task# 04.06 Assess the quality of the prepared food.

SSS Strand: Reading		Essential Work Skills	
LA.A 2.4.4	H Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations		Essential Work Skills	
MA.A 3.4.3	H Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
		m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.
		m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.

Performance Task# 04.07 Identify ways to establish or maintain family meal traditions.

SSS Strand: Reading		Essential Work Skills	
LA.A 2.4.4	H Locates, gathers, analyzes, and evaluates written information for a variety of purposes, including research projects, real-world tasks, and self-improvement.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.7	H Analyzes the validity and reliability of primary source information and use the information appropriately.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.
LA.A 2.4.8	H Synthesizes information from multiple sources to draw conclusions.	e03	Gather information from a variety of sources, including electronic sources, and summarize, analyze, and evaluate its use for a report.

SSS Strand: Number Sense, Concepts and Operations		Essential Work Skills	
MA.A 3.4.3	H Adds, subtracts, multiplies, and divides real numbers, including square root and exponents, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.	m01	Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions.
		m44	Perform operations with radicals such as addition, subtraction, multiplication, and division of two or more irrational numbers and express as the square root of a positive integer or as the product of a rational number and the square root of a positive integer.
		m62	Understand the characteristics of algorithms and how they are used for finding the greatest common denominator of two numbers and the solutions of quadratic equations.

Outcome # 05.0 DEMONSTRATE LEADERSHIP AND ORGANIZATIONAL SKILLS--THE STUDENT WILL BE ABLE TO:

Performance Task# 05.01 Identify professional and youth organizations.

SSS Strand: Listening, Viewing and Speaking		Essential Work Skills	
L.A.C 1.4.1	L Selects and uses appropriate listening strategies according to the intended purpose, such as solving problems, interpreting and evaluating the techniques and intent of a presentation, and taking action in career-related situations.	e25	Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.
L.A.C 1.4.2	L Describes, evaluates, and expands personal preferences in listening to fiction, drama, literary nonfiction, and informational presentations.	e25	Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.
		e47	Listen for enjoyment to narratives of personal experiences, stories, drama, performances, lectures, and readings.
L.A.C 1.4.3	L Uses effective strategies for informal and formal discussions, including listening actively and reflectively, connecting to and building on the ideas of a previous speaker, and respecting the viewpoints of others.	e32	Make informed judgments about the content, organization, and delivery of spoken communication.
		e59	Respond orally to fellow student's opinions during presentations by asking questions, asking for clarification, agreeing and /or disagreeing courteously.
		e69	Participate in a one-on-one conference by relating essential information, asking questions on the topic, and using language to clarify information.
		e70	Analyze and evaluate a speaker's statements of opinion, personal preference and values.
L.A.C 1.4.4	L Identifies bias, prejudice, or propaganda in oral messages.	e70	Analyze and evaluate a speaker's statements of opinion, personal preference and values.

SSS Strand: Number Sense, Concepts and Operations		Essential Work Skills	
MA.A 4.4.1	H Uses estimation strategies in complex situations to predict results and to check the reasonableness of results.	No Essential Work Skill	

SSS Strand: Data Analysis and Probability		Essential Work Skills	
MA.E 3.4.1	H Designs and performs real-world statistical experiments that involve more than one variable, then analyzes results and reports findings.	m05	Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
MA.E 3.4.2	H Explains the limitations of using statistical techniques and data in making inferences and valid arguments.	m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
		m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i.e., distributing individuals into one hundred groups of equal frequency).

Performance Task# 05.02 Identify purposes and functions of professional and youth organizations.

SSS Strand: Listening, Viewing and Speaking		Essential Work Skills	
L.A.C 1.4.1	L Selects and uses appropriate listening strategies according to the intended purpose, such as solving problems, interpreting and evaluating the techniques and intent of a presentation, and taking action in career-related situations.	e25	Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.

LA.C 1.4.2	L	Describes, evaluates, and expands personal preferences in listening to fiction, drama, literary nonfiction, and informational presentations.	e25	Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.
			e47	Listen for enjoyment to narratives of personal experiences, stories, drama, performances, lectures, and readings.
LA.C 1.4.3	L	Uses effective strategies for informal and formal discussions, including listening actively and reflectively, connecting to and building on the ideas of a previous speaker, and respecting the viewpoints of others.	e32	Make informed judgments about the content, organization, and delivery of spoken communication.
			e59	Respond orally to fellow student's opinions during presentations by asking questions, asking for clarification, agreeing and /or disagreeing courteously.
			e69	Participate in a one-on-one conference by relating essential information, asking questions on the topic, and using language to clarify information.
			e70	Analyze and evaluate a speaker's statements of opinion, personal preference and values.
LA.C 1.4.4	L	Identifies bias, prejudice, or propaganda in oral messages.	e70	Analyze and evaluate a speaker's statements of opinion, personal preference and values.
SSS Strand: Number Sense, Concepts and Operations			Essential Work Skills	
MA.A 4.4.1	H	Uses estimation strategies in complex situations to predict results and to check the reasonableness of results.	No Essential Work Skill	
SSS Strand: Data Analysis and Probability			Essential Work Skills	
MA.E 3.4.1	H	Designs and performs real-world statistical experiments that involve more than one variable, then analyzes results and reports findings.	m05	Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
MA.E 3.4.2	H	Explains the limitations of using statistical techniques and data in making inferences and valid arguments.	m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
			m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i. e., distributing individuals into one hundred groups of equal frequency).
Performance Task# 05.03 Identify roles and responsibilities of members of professional and youth organizations.				
SSS Strand: Listening, Viewing and Speaking			Essential Work Skills	
LA.C 1.4.1	L	Selects and uses appropriate listening strategies according to the intended purpose, such as solving problems, interpreting and evaluating the techniques and intent of a presentation, and taking action in career-related situations.	e25	Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.
LA.C 1.4.2	L	Describes, evaluates, and expands personal preferences in listening to fiction, drama, literary nonfiction, and informational presentations.	e25	Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.
			e47	Listen for enjoyment to narratives of personal experiences, stories, drama, performances, lectures, and readings.
LA.C 1.4.3	L	Uses effective strategies for informal and formal discussions, including listening actively and reflectively, connecting to and building on the ideas of a previous speaker, and respecting the viewpoints of others.	e32	Make informed judgments about the content, organization, and delivery of spoken communication.
			e59	Respond orally to fellow student's opinions during presentations by asking questions, asking for clarification, agreeing and /or disagreeing courteously.

		e69	Participate in a one-on-one conference by relating essential information, asking questions on the topic, and using language to clarify information.
		e70	Analyze and evaluate a speaker's statements of opinion, personal preference and values.
L.A.C 1.4.4	L		Identifies bias, prejudice, or propaganda in oral messages.
		e70	Analyze and evaluate a speaker's statements of opinion, personal preference and values.

SSS Strand: Number Sense, Concepts and Operations	Essential Work Skills
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MA.A 4.4.1	H	Uses estimation strategies in complex situations to predict results and to check the reasonableness of results.	No Essential Work Skill
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SSS Strand: Data Analysis and Probability	Essential Work Skills
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MA.E 3.4.1	H	Designs and performs real-world statistical experiments that involve more than one variable, then analyzes results and reports findings.	m05	Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
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MA.E 3.4.2	H	Explains the limitations of using statistical techniques and data in making inferences and valid arguments.	m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
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			m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i. e., distributing individuals into one hundred groups of equal frequency).
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Performance Task# 05.04	Work cooperatively as a group member to achieve organizational goals.
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SSS Strand: Listening, Viewing and Speaking	Essential Work Skills
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L.A.C 1.4.1	L	Selects and uses appropriate listening strategies according to the intended purpose, such as solving problems, interpreting and evaluating the techniques and intent of a presentation, and taking action in career-related situations.	e25	Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.
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L.A.C 1.4.2	L	Describes, evaluates, and expands personal preferences in listening to fiction, drama, literary nonfiction, and informational presentations.	e25	Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.
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			e47	Listen for enjoyment to narratives of personal experiences, stories, drama, performances, lectures, and readings.
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L.A.C 1.4.3	L	Uses effective strategies for informal and formal discussions, including listening actively and reflectively, connecting to and building on the ideas of a previous speaker, and respecting the viewpoints of others.	e32	Make informed judgments about the content, organization, and delivery of spoken communication.
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			e59	Respond orally to fellow student's opinions during presentations by asking questions, asking for clarification, agreeing and /or disagreeing courteously.
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			e69	Participate in a one-on-one conference by relating essential information, asking questions on the topic, and using language to clarify information.
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			e70	Analyze and evaluate a speaker's statements of opinion, personal preference and values.
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L.A.C 1.4.4	L	Identifies bias, prejudice, or propaganda in oral messages.	e70	Analyze and evaluate a speaker's statements of opinion, personal preference and values.
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SSS Strand: Number Sense, Concepts and Operations	Essential Work Skills
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MA.A 4.4.1	H	Uses estimation strategies in complex situations to predict results and to check the reasonableness of results.	No Essential Work Skill
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SSS Strand: Data Analysis and Probability		Essential Work Skills
MA.E 3.4.1	H Designs and performs real-world statistical experiments that involve more than one variable, then analyzes results and reports findings.	m05 Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
MA.E 3.4.2	H Explains the limitations of using statistical techniques and data in making inferences and valid arguments.	m36 Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation). m42 Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i.e., distributing individuals into one hundred groups of equal frequency).
Performance Task# 05.05 Demonstrate confidence in leadership roles and organizational responsibilities.		

SSS Strand: Listening, Viewing and Speaking		Essential Work Skills
LA.C 1.4.1	L Selects and uses appropriate listening strategies according to the intended purpose, such as solving problems, interpreting and evaluating the techniques and intent of a presentation, and taking action in career-related situations.	e25 Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.
LA.C 1.4.2	L Describes, evaluates, and expands personal preferences in listening to fiction, drama, literary nonfiction, and informational presentations.	e25 Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates. e47 Listen for enjoyment to narratives of personal experiences, stories, drama, performances, lectures, and readings.
LA.C 1.4.3	L Uses effective strategies for informal and formal discussions, including listening actively and reflectively, connecting to and building on the ideas of a previous speaker, and respecting the viewpoints of others.	e32 Make informed judgments about the content, organization, and delivery of spoken communication. e59 Respond orally to fellow student's opinions during presentations by asking questions, asking for clarification, agreeing and /or disagreeing courteously. e69 Participate in a one-on-one conference by relating essential information, asking questions on the topic, and using language to clarify information. e70 Analyze and evaluate a speaker's statements of opinion, personal preference and values.
LA.C 1.4.4	L Identifies bias, prejudice, or propaganda in oral messages.	e70 Analyze and evaluate a speaker's statements of opinion, personal preference and values.

SSS Strand: Number Sense, Concepts and Operations		Essential Work Skills
MA.A 4.4.1	H Uses estimation strategies in complex situations to predict results and to check the reasonableness of results.	No Essential Work Skill

SSS Strand: Data Analysis and Probability		Essential Work Skills
MA.E 3.4.1	H Designs and performs real-world statistical experiments that involve more than one variable, then analyzes results and reports findings.	m05 Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
MA.E 3.4.2	H Explains the limitations of using statistical techniques and data in making inferences and valid arguments.	m36 Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation). m42 Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i.e., distributing individuals into one hundred groups of equal frequency).

Performance Task# 05.06 Demonstrate commitment to achieve organizational goals.

SSS Strand: Listening, Viewing and Speaking		Essential Work Skills	
L.A.C 1.4.1	L Selects and uses appropriate listening strategies according to the intended purpose, such as solving problems, interpreting and evaluating the techniques and intent of a presentation, and taking action in career-related situations.	e25	Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.
L.A.C 1.4.2	L Describes, evaluates, and expands personal preferences in listening to fiction, drama, literary nonfiction, and informational presentations.	e25	Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.
		e47	Listen for enjoyment to narratives of personal experiences, stories, drama, performances, lectures, and readings.
L.A.C 1.4.3	L Uses effective strategies for informal and formal discussions, including listening actively and reflectively, connecting to and building on the ideas of a previous speaker, and respecting the viewpoints of others.	e32	Make informed judgments about the content, organization, and delivery of spoken communication.
		e59	Respond orally to fellow student's opinions during presentations by asking questions, asking for clarification, agreeing and /or disagreeing courteously.
		e69	Participate in a one-on-one conference by relating essential information, asking questions on the topic, and using language to clarify information.
		e70	Analyze and evaluate a speaker's statements of opinion, personal preference and values.
L.A.C 1.4.4	L Identifies bias, prejudice, or propaganda in oral messages.	e70	Analyze and evaluate a speaker's statements of opinion, personal preference and values.

SSS Strand: Number Sense, Concepts and Operations		Essential Work Skills	
MA.A 4.4.1	H Uses estimation strategies in complex situations to predict results and to check the reasonableness of results.		No Essential Work Skill

SSS Strand: Data Analysis and Probability		Essential Work Skills	
MA.E 3.4.1	H Designs and performs real-world statistical experiments that involve more than one variable, then analyzes results and reports findings.	m05	Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
MA.E 3.4.2	H Explains the limitations of using statistical techniques and data in making inferences and valid arguments.	m36	Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation).
		m42	Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i. e., distributing individuals into one hundred groups of equal frequency).

Performance Task# 05.07 Develop a personal growth project.

SSS Strand: Listening, Viewing and Speaking		Essential Work Skills	
L.A.C 1.4.1	L Selects and uses appropriate listening strategies according to the intended purpose, such as solving problems, interpreting and evaluating the techniques and intent of a presentation, and taking action in career-related situations.	e25	Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.
L.A.C 1.4.2	L Describes, evaluates, and expands personal preferences in listening to fiction, drama, literary nonfiction, and informational presentations.	e25	Listen, comprehend and summarize essential information from a variety of sources such as speeches, plays, commercials on radio and television, and political debates.

		e47	Listen for enjoyment to narratives of personal experiences, stories, drama, performances, lectures, and readings.
L.A.C 1.4.3	L	Uses effective strategies for informal and formal discussions, including listening actively and reflectively, connecting to and building on the ideas of a previous speaker, and respecting the viewpoints of others.	e32 Make informed judgments about the content, organization, and delivery of spoken communication.
		e59	Respond orally to fellow student's opinions during presentations by asking questions, asking for clarification, agreeing and /or disagreeing courteously.
		e69	Participate in a one-on-one conference by relating essential information, asking questions on the topic, and using language to clarify information.
		e70	Analyze and evaluate a speaker's statements of opinion, personal preference and values.
L.A.C 1.4.4	L	Identifies bias, prejudice, or propaganda in oral messages.	e70 Analyze and evaluate a speaker's statements of opinion, personal preference and values.
SSS Strand: Number Sense, Concepts and Operations			Essential Work Skills
MA.A 4.4.1	H	Uses estimation strategies in complex situations to predict results and to check the reasonableness of results.	No Essential Work Skill
SSS Strand: Data Analysis and Probability			Essential Work Skills
MA.E 3.4.1	H	Designs and performs real-world statistical experiments that involve more than one variable, then analyzes results and reports findings.	m05 Understand the best procedures for statistical data collection, organization, and display including making estimates and predictions and drawing inferences.
MA.E 3.4.2	H	Explains the limitations of using statistical techniques and data in making inferences and valid arguments.	m36 Understand the characteristics of measures of dispersion (i.e., range, mean deviation, variance, and standard deviation). m42 Understand the concepts and applications of quartiles (i.e., distributing groups into four equal frequencies) and percentiles (i. e., distributing individuals into one hundred groups of equal frequency).

Total Number of Student Performance Standards in this course:

27

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