**Unit Learner Outcomes:**

**Life Skills Math Course**

*Students will understand the elements required to successfully apply Math to real life scenarios.*

**Unit One: Math Basics**

*Students will demonstrate an understanding of the four basic operations within mathematics – Addition, subtraction, multiplication, and division by:*

* Adding 3 – 4 digit numbers
* Adding 3-4 digit numbers with regrouping
* Subtracting 3 -4 digit numbers
* Subtracting 3-4 digit numbers with regrouping
* Multiplying 3-4 digit numbers
* Multiplying 3-4 digit numbers with regrouping
* Divide 3-4 digit numbers
* Divide 3-4 digit numbers with regrouping

**Unit Two: Money**

 *Students will**demonstrate money skills by:*

* + - * Naming and recognizing coins.
			* Identifying coin values—penny, nickel, dime, and quarter.
			* Identifying the appropriate place values to one million
			* Manipulate decimals
			* Add money
			* Subtract money
			* Use money to purchase items in classroom, school, and community.
			* Compare money amounts.
			* Use overpayment as a method for making purchases and wait for change.
			* Make change using coins and bills.

**Unit Three: Measurement**

 *Students will utilize measurement tools effectively in the kitchen and at home by:*

*Students will apply measurement equations to solve common kitchen and home scenarios by:*

 **Kitchen**

* + - Adding fractions to complete recipes
		- Converting fractions in the kitchen
		- Subtracting fractions to reduce recipes
		- Utilizing Dry Measurement tools to measure for recipes
		- Utilizing Liquid Measurement tools to measure for recipes
		- Converting recipes to reduce or double/triple recipes
		- Adding calories to figure a balanced diet

 **Home**

* + - Using a ruler to measure height and width of various elements within a home
		- Using a scale to weigh various objects
		- Solving for the Area of a room
		- Solving for the Perimeter of a room
		- Estimating height and weight
		- Using the Staircase method to complete Metric Conversions

**Unit Four: Personal Finance**

*Students will understand various elements of personal finance vital to creating a successful financial future by:*

* + - Defining and Identifying Income Total
		- Applying the concept of Income total
		- Defining and identifying Fixed expenses
		- Applying the concept of Fixed expenses
		- Defining and identifying Other Expenses
		- Developing a budget
		- Paying Bills with an online scenario
		- Maintaining individual Banking accounts – Checking/Saving
		- Maintaining a Credit Card (Scenario)
		- Finding the Average of monthly bills

**Unit Five: technology**

*Students will utilize technology to demonstrate mathematical knowledge by:*

* + - Using a calculator
		- Banking online
		- Using a Spreadsheet to pay bills and create a budget

**Unit Six: Math on the Job**

*Students will demonstrate the mathematical skills necessary for various careers by:*

* + - Participating in Career Exploration
		- Learning and applying Time management skills in real life scenarios
		- Participating in Real life Problem Solving scenarios
		- Analyzing individual paychecks
		- Creating and reading Charts/Graphs