**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