

## **Food Security - LESSON PLAN OUTLINE**

Institution: Booker Washington Institute

Teacher: J. William Barrolle

Department: Agriculture Department

Subject Area: Food Security in Liberia

Grade Level (s): Undergraduate Students

Duration: Year I, Semester I

Credit HRS. : 3 (MWF)

- I. **Unit Title:** Interpret the meaning, importance of Food Security in Liberia.
- II. **Lesson Title:** Identify the effects of Food Security in Liberian Communities.

### **III. Performance-Based Learning Objectives:**

The learner will be able to;

1. State the meaning and the significant role food security plays.
2. Identify the challenges that acquaint with food security.
3. Analyze the roles of extension and advisory services in improving livelihoods and food security.

4. Describe Farm Animal's inputs in food security in the Liberian Society.

#### **IV. Materials/Resources Needed:**

Texts:

Test books, Symposium 2013, Black/ White board, chalk, marker, duster, laptop/ computers, projector.

#### **V. Anticipatory Set:**

Do any of you know that an entire family can be affected by disease and illness if lack of food and security?

Is there anyone in this class who has experienced sickness when food supply is scare? If yes, what did you observe in term of health problem?

What have you experienced in your community of an extension officer providing information concerning farm animal contribution to food security? If yes, can you provide the class with information that most interested you about your observation?

Everyone will take a pen and paper and draw picture of food security.

## **VI. Instructional Input:**

List bellowed the various nutritional diseases and illnesses in Liberia that can affect citizens on the black/white board and discuss the dangers posed on the community when lack adequate food supply of each with the class.

Three different types of nutritional diseases and illnesses each:

For disease: diabetes, rickets, flu (influenza). For sickness: low vision, blindness, asthmus.

Discuss the characteristics and drawbacks each of the diseases and sicknesses mentioned above have on the human beings.

The students will be taken (where applicable) to a local farm where livestock production is carried out to enable them see and identify some farm animals that are good for food and security.

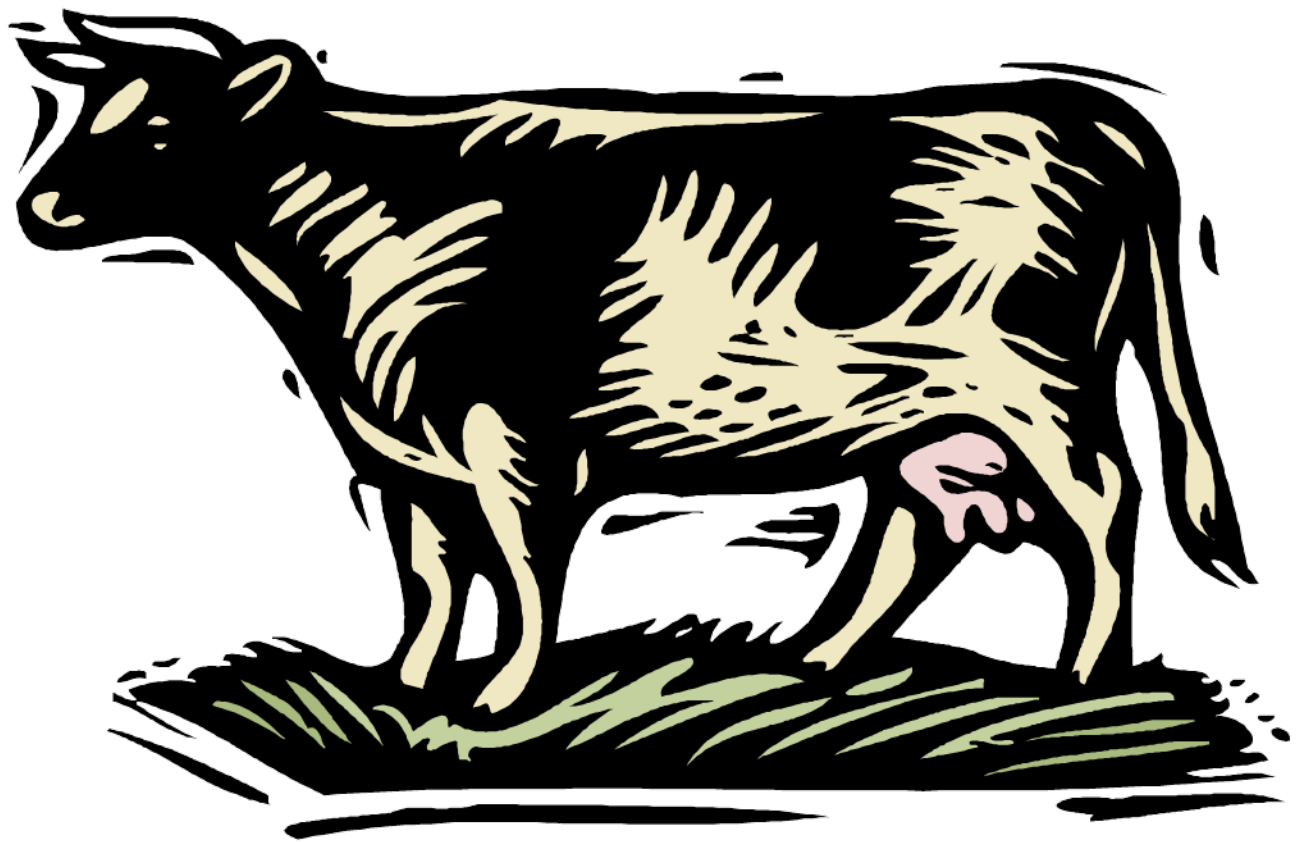
The students will be instructed to group themselves into groups of five to brainstorm how to improve and find solution to food security in the Liberian Communities.

Institute questions and answers session where he/she will allow each group to explain their findings from the exercises.

## **VII. Modeling (Demonstrating):**

Take the students to a local farm that is involved in animal breeding to see and identify the various types of farm animal breeds that are applicable to food security intend of quality meats, milks, and by products.

Some pictures for farm animals contributing to food in security.









Illustrate how insecurity of food can be controlled and prevented.

Also demonstrate examples (posters, audio-visual aids, etc.), showing different types of negative factors that contribute to food in security such as: famine, poverty, political problems, drought, and flood etc.

### **VIII. Checking for Understanding:**

Give general questions to the class to distinguish between the various types of diseases and sicknesses so as to obtain the level of understanding on the topic and consider individual responses.

Ask individual student to write their personal understanding about the effect of food security in the Liberian Community.

Ask students to write their personal understanding about finding solution to food security and how the extension officer can play their role for successful results in Liberia.

### **IX. Guided Practice:**

Monitor student responses to ensure that the class has fulfilled lesson's objective by instructing them to repeat classroom activities, where necessary.

### **X. Independent Practice:**

Assign each student to list some diseases and illnesses and give their control mechanism. I will also give individual students home assignment to discuss their understanding about the challenges food insecurity has on the Liberian community.

Ask Students to do group presentation, follow by critical analysis by teacher and the other students groups.



## **XI: Method(s) of Evaluation:**

Ask individual student oral questions and monitor their responses.

Administer written test to students to know their level of understanding about the topic taught.

Take students to animal's barn/paddock (where applicable) and asks each of them to identify the different types of farm animals and assign points.

## **XII. Closure:**

Reviews major points of lesson and introduces the next lesson.

