



**3055 BA SANGAM COLLEGE**

PH: 6674003/9264117 E-mail: basangam@connect.com.fj



## LESSON NOTES

**School:** Ba Sangam College  
**Subject:** Agricultural Science

**Year/ Name:** 11 \_\_\_\_\_  
**Worksheet:** 22

<b>Strand</b>	AS 11.4 Livestock
<b>Sub Strand</b>	AS 11.4.1 General
<b>Content Learning Outcome</b>	The students will explore on the livestock concepts common to sheep, pigs and goats in Fiji.

### **LESSON 1: GENERAL LIVESTOCK**

**Lesson Outcome: At the end of this lesson the students will**

- discuss the basic requirements, challenges, livestock housing, nutritional needs, replacement stock, production of young, rearing of young.

#### Notes:

To produce to their potential, livestock require water, lights, shade/shelter, food, temperature control, security and pollution/disease/pest free space.

Farmers face many challenges when raising livestock. Each challenge is dealt with by the farmers and the successful methods employed are adopted as solutions.

Despite the system used, livestock housing should be dry, well ventilated and provide a healthy comfortable environment which is secure from predators.

All livestock need water, energy, protein, vitamins and minerals and fiber in their daily diet. The requirements of the different classes of animals differ due to their growth and physiological stage.

Male breeders are important members of a livestock farm because they contribute 50% of the genetic material of offspring. Replacement male breeders are often bought. Female breeders produce young and milk. Farmers often choose replacement female breeders from young born on the farm. Selection criteria are important for the informed choice of future replacement stock. Kids, lambs and piglets are the young of goats, sheep and pigs respectively. The farmer will provide facilities and services to ensure optimal conditions for the production of young on the farm. The young born on livestock farms are used for replacement stock, slaughtered for meat or sold.

**Activity Worksheet 22**

1. Refer to the textbook and fill in the table below:

**(20 marks)**

<b>Basic requirements</b>	
<b>Challenges</b>	
<b>Livestock housing</b>	
<b>Nutritional needs</b>	
<b>Replacement stock</b>	
<b>Production of young</b>	
<b>Rearing of young</b>	

