



LESSON NOTES

School: Ba Sangam College
Subject: Agricultural Science

Year/ Name: 11 _____
 week 7

Strand	As 11.3 Agronomy
Sub Strand	As 11.3.1 Physical Properties Of Soil
Content Learning Outcome	Demonstrate the assessment methods used in determining the physical properties of the soil.

LESSON 2: DESCRIBING SOIL STRUCTURE

Lesson Outcome: At the end of this lesson the student will discuss how soil structure is described.

Type	-	the shape or form and arrangement pattern of peds
Class	-	the size of the individual peds.
Grade	-	the degree of distinctness of the individual peds

Notes

Soil structure is described under three categories: type, class and grade.

Soil Structure Naming: For naming a soil structure the sequence followed is grade, class and type; for example a) strong coarse angular blocky b) moderate thin platy.

An example of the soil structure of different horizons of a soil profile	Soil textural classes

Activity Worksheet 7

1. Differentiate among the type, class and grade of soil texture.


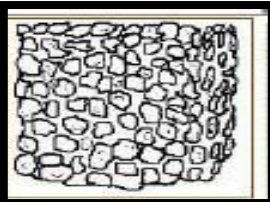

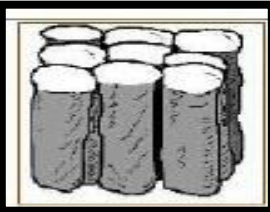
(4 marks)

2. Explain any two terms commonly used to describe the grade of soil structure

(4 marks)

3. The diagram below illustrates the shape or form and arrangement pattern of peds.

- i. Identify and describe the soil structure

Diagram	Soil Structural Unit
	
	
	
	

(12 marks)