WEEKLY LESSON PLAN – B7

WEEK 9

Date: 18th MARCH, 2022	**Period:**	**Subject:** Science	
Duration:		**Strand:** Cycles	
Class: B7	**Class Size:**	**Sub Strand:** Crop Production	
Content Standard: B7.2.3.1 Demonstrate understanding of the different plant nutrients (organic, and inorganic fertilizers) and their application in school farming (school gardening)	**Indicator:** B7.2.3.1.1 Observe and list all plant nutrient sources available in a community and categorize them into organic and inorganic nutrient sources.	**Lesson:** 1 of 2	
Performance Indicator: Learners can describe organic and inorganic nutrient sources.		**Core Competencies:** CI 5.2: CP 5.6: CP 5.7:	
References : Science Curriculum Pg.11			

Phase/Duration	Learners Activities	Resources
PHASE 1: **STARTER**	Recap with learners to review their understanding in the previous lesson. Introduce the lesson by sharing the performance indicators.	
PHASE 2: **NEW LEARNING**	Revise with learners on soil nutrients as one of the main resources that improve soil fertility. Brainstorm learners for the meaning of organic plant nutrients. *Organic plant nutrients are obtained from natural sources and also contain carbon.* *Inorganic plant nutrients are chemicals and doesn't contain carbon.* Learners to give examples of organic plant nutrients. Example: vitamins Create a table to explain the differences between organic and inorganic plant nutrients. Learners to compare the volumes of organic and inorganic nutrient source required by different plants	Samples of organic and inorganic fertilizers, Videos, Charts, Pictures
PHASE 3: **REFLECTION**	Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson. Take feedback from learners and summarize the lesson.	

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Class: B7	**Class Size:**	**Sub Strand:** Crop Production	
Content Standard: B7.2.3.1 Demonstrate understanding of the different plant nutrients (organic, and inorganic fertilizers) and their application in school farming (school gardening)	**Indicator:** B7.2.3.1.2 Describe the physical characteristics of different plant nutrients (organic and inorganic) and how each is applied to plants in the field	**Lesson:** 2 of 2	
Performance Indicator: Learners can describe the physical characteristics of different plant nutrients.		**Core Competencies:** CI 5.2: CP 5.6: CP 5.7:	
References : Science Curriculum Pg.11			

Phase/Duration	Learners Activities	Resources
PHASE 1: **STARTER**	Recap with learners to review their understanding in the previous lesson. Introduce the lesson by sharing the performance indicators.	
PHASE 2: **NEW LEARNING**	Guide learners to Identify each plant nutrient source and explain how its physical structure and appearance affect its application. Learners to describe in groups how each type of nutrient source may be applied to plants in the field (e.g. school garden). Demonstrate practical application of each type of nutrient source to plants in the field (e.g. school garden).	Samples of organic and inorganic fertilizers, Videos, Charts, Pictures
PHASE 3: **REFLECTION**	Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson. Take feedback from learners and summarize the lesson.	