

GRADE 10 APPLIED AGRICULTURE SCHEMES OF WORK FOR TERM 1

NAME OF THE TEACHER:.....

SCHOOL:..... YEAR:.....

Wk	Lsn	Strand	Sub-strand	Specific Learning Outcomes	Key Inquiry Question(s)	Learning Experiences	Learning Resources	Assessment Methods	Refl
1	1-2	Crop Production	1.1 Agricultural Land	By the end of the lesson, the learner should be able to: a) describe ways of accessing land for agricultural use (leasing, inheriting, buying, donation). ⁷	How is land productivity determined for agriculture? ⁸	The learner is guided to: • discuss with resource person ways of accessing land for agricultural use. ⁹	• Resource person • Manilla papers • Marker pens ¹⁰	• Written test • Oral Questions	
	3-4			By the end of the lesson, the learner should be able to: a) evaluate utility of land for agricultural production purposes. ¹¹	Why is land put into different agricultural uses? ¹²	The learner is guided to: • take an excursion in the community to study and assess different forms of land. ¹³	• Local environment/ Community farms ¹⁴	• Observation • Field report	
2	1-2	Crop Production	1.1 Agricultural Land	By the end of the lesson, the learner should be able to: a) analyse natural factors that determine productivity of land in agriculture. ¹⁵	How is land productivity determined for agriculture?	The learner is guided to: • use digital devices to search for information on natural factors (climate, altitude, soil, topography). ¹⁶	• Digital devices • Relevant video clips/pictures ¹⁷	• Written assignment	
	3-4			By the end of the		The learner is guided	• Charts	•	

				<p>lesson, the learner should be able to:</p> <p>a) appreciate importance of land in agricultural production.¹⁸</p>		<p>to:</p> <ul style="list-style-type: none"> • make class presentations on importance of land in agricultural production.¹⁹ 	<ul style="list-style-type: none"> • Posters 	Presentation	
3	1-2	Crop Production	1.2 Properties of Soil	<p>By the end of the lesson, the learner should be able to:</p> <p>a) describe properties of a soil for crop production (physical, chemical, biological).²⁰</p>	How do properties of soil influence crop production? ²¹	<p>The learner is guided to:</p> <ul style="list-style-type: none"> • discuss on physical, chemical and biological properties of soil.²² 	<ul style="list-style-type: none"> • Photographs of soil textural classes²³ 	<ul style="list-style-type: none"> • Oral Questions 	
	3-4			<p>By the end of the lesson, the learner should be able to:</p> <p>a) investigate the properties of soil for crop production.²⁴</p>		<p>The learner is guided to:</p> <ul style="list-style-type: none"> • conduct experiments to test physical properties (porosity, texture).²⁵ 	<ul style="list-style-type: none"> • Soil samples • Water • Soil containers²⁶ 	<ul style="list-style-type: none"> • Observation of experiment 	
4	1-2	Crop Production	1.2 Properties of Soil	<p>By the end of the lesson, the learner should be able to:</p> <p>a) investigate chemical (pH) and biological (humus) properties of soil.²⁷</p>		<p>The learner is guided to:</p> <ul style="list-style-type: none"> • conduct experiments to test soil pH and biological properties.²⁸ 	<ul style="list-style-type: none"> • Soil testing kit • pH indicators²⁹ 	<ul style="list-style-type: none"> • Practical report 	
	3-4			<p>By the end of the lesson, the learner should be able to:</p>		<p>The learner is guided to:</p> <ul style="list-style-type: none"> • take field excursion, 	<ul style="list-style-type: none"> • Auger/Jembe for sampling³² • Soil profile pit 	<ul style="list-style-type: none"> • Field report 	