



DOYEN PUBLISHERS

SCHEMES OF WORK TERM II 2025

GRADE 5 AGRICULTURE

Wk	Lsn	Strand/Theme	Sub strand	Specific learning outcomes	Key inquiry Questions	Learning experiences	Learning Resources	Assessment methods	Ref
1	1		<i>How to Care for young climbing fruit plants</i>	By the end of the sub strand the learner should be able to a. Support climbing fruit vines using appropriate materials b. Discuss ways of supporting climbing fruit vines c. Appreciate the importance of fruits in promoting good health	How can we take care of climbing fruit plants after planting?	<ul style="list-style-type: none"> - Learner to use appropriate materials to support the climbing fruit vines. - Learners to engage their parents or guardians and the community members in growing climbing fruit plants. 	<ul style="list-style-type: none"> • <i>Pictures</i> • <i>Photos</i> • <i>Digital devices</i> • <i>Video clips</i> • <i>MTP Agriculture Grade 5 Leaners Bk. Pg.38-40</i> • <i>MTP Agriculture Grade 5 TG. Pg. 78-79</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	
	2		<i>How to Care for young climbing fruit plants</i>	By the end of the sub strand the learner should be able to a. Water the young fruit plants on the established	How can we take care of climbing fruit plants after planting?	<ul style="list-style-type: none"> - In groups, learners water the young fruit plants. - Learners to apply manure and 	<ul style="list-style-type: none"> • <i>Pictures</i> • <i>Photos</i> • <i>Digital devices</i> • <i>Video clips</i> • <i>MTP Agriculture Grade 5 Leaners Bk. Pg.38-40</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	



				site. b. Protect the young climbing fruit crops from weeds. c. Appreciate the importance of fruits in promoting good health		fertilizer to fruit plants. - Learners to weed for the fruit plants.	<ul style="list-style-type: none"> • <i>MTP Agriculture Grade 5 TG. Pg. 78-79</i> 		
	3		<i>How to Care for young climbing fruit plants</i>	By the end of the sub strand the learner should be able to a. Apply manure and fertilizer to the established climbing fruit plants. b. Protect the young climbing fruit crops from weeds. c. Appreciate the importance of fruits in promoting good health	How can we take care of climbing fruit plants after planting?	- In groups, learners water the young fruit plants. - Learners to apply manure and fertilizer to fruit plants. - Learners to weed for the fruit plants. -	<ul style="list-style-type: none"> • <i>Pictures</i> • <i>Photos</i> • <i>Digital devices</i> • <i>Video clips</i> • <i>MTP Agriculture Grade 5 Learners Bk. Pg.38-40</i> • <i>MTP Agriculture Grade 5 TG. Pg. 78-79</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	
2	1		<i>Conservation project: Managing climbing fruit plants- identifying</i>	By the end of the sub strand the learner should be able to a. Identify project activities for managing	What activities are carried out in the management of climbing fruit plants?	- In groups, learners to take care of the established	<ul style="list-style-type: none"> • <i>Pictures</i> • <i>Photos</i> • <i>Digital devices</i> • <i>Video clips</i> • <i>MTP Agriculture Grade 5 Learners Bk. Pg.41</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	



			g	climbing fruits b. Explain the requirements of the project.		climbing fruit plants by carrying out appropriate activities such as protective shade around the fruit plants, watering,		<input type="checkbox"/>	
			<i>the project activities</i>	c. Appreciate the importance of caring for climbing fruits plants	When are fruits ready for harvesting? How are fruits from climbing fruit plants harvested?	manuring, removing excess branches and training the fruit plant.	<ul style="list-style-type: none"> MTP Agriculture Grade 5 TG. Pg.82 		
	2		<i>identifying the project activities</i>	By the end of the sub strand the learner should be able to a. Identify project activities for managing climbing fruits b. Explain the requirements of the project. c. Appreciate the	What activities are carried out in the management of climbing fruit plants? When are fruits ready for harvesting? How are fruits	<ul style="list-style-type: none"> In groups, learners to take care of the established climbing fruit plants by carrying out appropriate activities such as protective 	<ul style="list-style-type: none"> Pictures Photos Digital devices Video clips MTP Agriculture Grade 5 Learners Bk. Pg.41 MTP Agriculture Grade 5 TG. Pg.82 	<ul style="list-style-type: none"> Oral questions Written quizzes Observation <input type="checkbox"/>	



				importance of caring for climbing fruit plants	from climbing fruit plants harvested?	shade around the fruit plants, watering, manuring, removing excess branches and training the fruit plant.			
	3		<i>Making a project schedule</i>	<p>By the end of the sub strand the learner should be able to</p> <ol style="list-style-type: none"> Identify project activities for managing climbing fruits Make a project duty schedule with responsibility for each schedule Appreciate the importance of caring for climbing fruit plants 	<p>What activities are carried out in the management of climbing fruit plants?</p> <p>When are fruits ready for harvesting?</p> <p>How are fruits from climbing fruit plants harvested?</p>	<p>- In groups, learners to take care of the established climbing fruit plants by carrying out appropriate activities such as protective shade around the fruit plants, watering, manuring, removing excess branches and training the fruit plant.</p> <p>- In groups learners to</p>	<ul style="list-style-type: none"> Pictures Photos Digital devices Video clips MTP Agriculture Grade 5 Learners Bk. Pg.42 MTP Agriculture Grade 5 TG. Pg.82-83 	<ul style="list-style-type: none"> Oral questions Written quizzes Observation 	



						make a projects schedule to undertake the identified activity			
3	1		<i>Making a project schedule</i>	By the end of the sub strand the learner should be able to a. Identify project activities for managing climbing fruits b. Make a project duty schedule with responsibility for each schedule	What activities are carried out in the management of climbing fruit plants? When are fruits ready for harvesting?	- In groups, learners to take care of the established climbing fruit plants by carrying out appropriate activities such as protective shade around the fruit plants, watering, manuring, removing excess branches and training the fruit plant.	<ul style="list-style-type: none"> • Pictures • Photos • Digital devices • Video clips • <i>MTP Agriculture Grade 5 Leaners Bk. Pg.42</i> • <i>MTP Agriculture Grade 5 TG. Pg.82-83</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation <input type="checkbox"/> 	



				c. Appreciate the importance of caring for climbing fruits plants	How are fruits from climbing fruit plants harvested?	- In groups learners to make a projects schedule to undertake the identified activity			
	2		<i>Identifying the right stage of harvesting g climbing fruits</i>	By the end of the sub strand the learner should be able to a. Care for climbing fruit plants in the environment. b. Identify right stage for harvesting climbing fruitsto avoid wastage c. Appreciate the importance of caring for climbing fruits plants	What activities are carried out in the management of climbing fruit plants? When are fruits ready for harvesting? How are fruits from climbing fruit plants harvested?	- In groups, learners share experiences on how to identify a mature fruit of climbing fruit plants. -	<ul style="list-style-type: none"> • Pictures • Photos • Digital devices • Video clips • MTP Agriculture Grade 5 Leaners Bk. Pg.43-43 • MTP Agriculture Grade 5 TG. Pg.85-86 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation <input type="checkbox"/>	
	3		<i>Identifying the right stage of harvesting g climbing fruits</i>	By the end of the sub strand the learner should be able to a. Care for climbing fruit plants in the environment. b. Identify right stage for harvesting climbing fruitsto avoid wastage c. Appreciate the importance of caring for climbing fruits	What activities are carried out in the management of climbing fruit plants? When are fruits ready for harvesting? How are fruits from climbing	- In groups, learners share experiences on how to identify a mature fruit of climbing fruit plants. -	<ul style="list-style-type: none"> • Pictures • Photos • Digital devices • Video clips • MTP Agriculture Grade 5 Leaners Bk. Pg.43-43 • MTP Agriculture Grade 5 TG. Pg.85-86 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation <input type="checkbox"/>	



				plants	fruit plants harvested?				
4	1		<i>Harvesting fruits from climbing plants</i>	<p>By the end of the sub strand the learner should be able to</p> <ol style="list-style-type: none"> Identify right stage for harvesting climbing fruits to avoid wastage Harvest fruits appropriately to reduced damages Appreciate the importance of caring for climbing fruits plants 	<p>What activities are carried out in the management of climbing fruit plants?</p> <p>When are fruits ready for harvesting?</p> <p>How are fruits from climbing fruit plants harvested?</p>	<ul style="list-style-type: none"> - In groups, learners to carry out harvesting of climbing fruits. - Learners to assist parents or guardians in the activities for caring for climbing fruit crops at home. 	<ul style="list-style-type: none"> • Pictures • Photos • Digital devices • Video clips • <i>MTP Agriculture Grade 5 Learners Bk. Pg.45</i> • <i>MTP Agriculture Grade 5 TG. Pg.87-88</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	



2		<i>Harvesting fruits from climbing plants</i>	<p>By the end of the sub strand the learner should be able to</p> <ol style="list-style-type: none"> Identify right stage for harvesting climbing fruits to avoid wastage Harvest fruits appropriately to reduce damages Appreciate the importance of caring for climbing fruits plants 	<p>What activities are carried out in the management of climbing fruit plants?</p> <p>When are fruits ready for harvesting?</p> <p>How are fruits from climbing fruit plants harvested?</p>	<ul style="list-style-type: none"> - In groups, learners to carry out harvesting of climbing fruits. - Learners to assist parents or guardians in the activities for caring for climbing fruit crops at home. 	<ul style="list-style-type: none"> • Pictures • Photos • Digital devices • Video clips • <i>MTP Agriculture Grade 5 Learners Bk. Pg.45</i> • <i>MTP Agriculture Grade 5 TG. Pg.87-88</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	
3		<i>Importance of fruits</i>	<p>By the end of the sub strand the learner should be able to</p> <ol style="list-style-type: none"> Harvest fruits appropriately to reduce damages Watch a video clip on how to harvest fruits Demonstrate understanding of the importance of consuming 	<p>What activities are carried out in the management of climbing fruit plants?</p> <p>When are fruits ready for harvesting?</p> <p>How are fruits from climbing fruit plants harvested?</p>	<ul style="list-style-type: none"> - In groups learners to discuss the importance of fruits 	<ul style="list-style-type: none"> • Pictures • Photos • Digital devices • Video clips • <i>MTP Agriculture Grade 5 Learners Bk. Pg.45-46</i> • <i>MTP Agriculture Grade 5 TG. Pg.88-89</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	



				fruits for nutrition					
5	1	DOMESTIC ANIMALS	Uses of domestic animals – identifying various domestic animals	<p>By the end of the sub strand the learner should be able to</p> <p>a. Identify the uses of various domestic animals to human beings.</p> <p>b. Draw and colour various domestic animals</p> <p>c. Appreciate the importance of domestic animals to human beings</p>	How are domestic animals important to human beings?	<p>- In pairs learners to brainstorm and share experiences on the uses of domestic animals (<i>bees, rabbits, camels, fish, pigs, donkeys, dogs, cats and horses</i>)</p> <p>-</p>	<ul style="list-style-type: none"> • Pictures • Photos • Digital devices • Video clips • <i>MTP Agriculture Grade 5 Learners Bk. Pg.47-49</i> • <i>MTP Agriculture Grade 5 TG. Pg.90</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	



	2		<i>Relating animals to their uses</i>	<p>By the end of the sub strand the learner should be able to</p> <ol style="list-style-type: none"> Identify and name various domestic animals Relate various domestic animals to their uses. Appreciate the importance of domestic animals to human beings 	How are domestic animals important to human beings?	<ul style="list-style-type: none"> In groups, learners to match domestic animals to their uses. Learners to watch video clips on various types of domestic animals and their use. Learners visit the neighboring farms to 	<ul style="list-style-type: none"> Pictures Photos Digital devices Video clips <i>MTP Agriculture Grade 5 Learners Bk. Pg.49-52</i> 	<ul style="list-style-type: none"> Oral questions Written quizzes Observation 	
--	---	--	---------------------------------------	---	---	--	--	--	--



						explore various uses of domestic animals.	<ul style="list-style-type: none"> • <i>MTP Agriculture Grade 5 TG. Pg. 91-92</i> 		
	3		<i>Animal welfare</i>	<p>By the end of the sub strand the learner should be able to</p> <ol style="list-style-type: none"> a. Care and love domestic animals b. Create awareness on the rights of domestic animals in the locality c. Appreciate the importance of domestic animals to human beings 	How are domestic animals important to human beings?	<ul style="list-style-type: none"> - Learners visit the neighboring farms to explore various uses of domestic animals. - Learners to care and love domestic animals 	<ul style="list-style-type: none"> • Pictures • Photos • Digital devices • Video clips • <i>MTP Agriculture Grade 5 Learners Bk. Pg. 52-54</i> • <i>MTP Agriculture Grade 5 TG. Pg. 93-95</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	



6	1	GARDENING PRACTICES	Indigenous food crops – <i>identifying types of indigenous crops</i>	By the end of the sub strand the learner should be able to a. Give the meaning of indigenous food crops in the community. b. Identify types of indigenous food crops grown in Kenya c. Demonstrate understanding of the importance of indigenous food crops to nutrition, health and food security	What types of indigenous crops are found in the community? Why are indigenous crops important?	- In pairs, learners brainstorm on the meaning and importance of indigenous food crops. - In groups, learners to brainstorm and share experiences on types of indigenous food crops <i>(indigenous vegetables such as pigweeds and black night shade, indigenous cereals such as millet and sorghum and indigenous root crops such as yams and cassava).</i>	<ul style="list-style-type: none"> • Pictures • Photos • Realia • Digital devices • Video clips • <i>MTP Agriculture Grade 5 Learners Bk. Pg.56-58</i> • <i>MTP Agriculture Grade 5 TG. Pg.98-99</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation <input type="checkbox"/>	
---	---	----------------------------	---	---	---	--	---	---	--



2		<i>identifying types of indigenous crops</i>	<p>By the end of the sub strand the learner should be able to</p> <ol style="list-style-type: none"> Give the meaning of indigenous food crops in the community. Identify types of indigenous food crops grown in Kenya Demonstrate understanding of the importance of indigenous food crops to nutrition, health and food security 	<p>What types of indigenous crops are found in the community?</p> <p>Why are indigenous crops important?</p>	<p>- Learners visit the neighboring environment to identify the various indigenous food crops (<i>vegetables, cereals and root crops</i>)</p>	<ul style="list-style-type: none"> Pictures Photos Realia Digital devices Video clips MTP Agriculture Grade 5 Learners Bk. Pg.56-58 MTP Agriculture Grade 5 TG. Pg.98-99 	<ul style="list-style-type: none"> Oral questions Written quizzes Observation 	
3		<i>Using flash cards to identify</i>	<p>By the end of the sub strand the learner should be able to</p>	<p>What types of indigenous crops are</p>	<p>- In groups, learners to brainstorm and share experiences on types of</p>	<ul style="list-style-type: none"> Pictures Photos Realia 	<ul style="list-style-type: none"> Oral questions 	



			<i>indigenous food crops</i>	a. Identify types of indigenous food crops grown in Kenya b. Use flash cards to identify indigenous food crops c. Demonstrate understanding of the importance of indigenous food crops to nutrition, health and food security	found in the community? Why are indigenous crops important?	indigenous food crops (<i>indigenous vegetables such as pigweeds and black night shade, indigenous cereals such as millet and sorghum and indigenous root crops such as yams</i>) <ul style="list-style-type: none">• Digital devices• Video clips• <i>MTP Agriculture Grade 5 Learners Bk. Pg.58-59</i>• <i>MTP Agriculture Grade 5 TG. Pg.101</i>	<ul style="list-style-type: none">• Written quizzes• Observation <input type="checkbox"/>		
7	HALF TERM								
8	1		<i>Role play</i>	By the end of the sub strand the learner should be able to a. Role play the importance of indigenous food crops In the community b. Name the types of indigenous crops found in the community c. Demonstrate understanding of the importance of indigenous food crops to nutrition, health and food	What types of indigenous crops are found in the community? Why are indigenous crops important?	- In groups, learners to brainstorm and share experiences on types of indigenous food crops (<i>indigenous vegetables such as pigweeds and black night shade, indigenous cereals such as millet and sorghum and indigenous root crops such as yams</i>)	<ul style="list-style-type: none">• Pictures• Photos• Realia• Digital devices• Video clips• <i>MTP Agriculture Grade 5 Learners Bk. Pg.60-61</i>• <i>MTP Agriculture Grade 5 TG. Pg. 101-102</i>	<ul style="list-style-type: none">• Oral questions• Written quizzes• Observation <input type="checkbox"/>	



				security					
	2		<i>Exploring indigenous food crops in our neighbourhood</i>	<p>By the end of the sub strand the learner should be able to</p> <ol style="list-style-type: none"> Give the meaning of indigenous food crops in the community. Explore the various indigenous food crops in their locality Demonstrate understanding of the importance of indigenous food crops to nutrition, health and food security 	<p>What types of indigenous crops are found in the community?</p> <p>Why are indigenous crops important?</p>	<p>- In groups, learners to brainstorm and share experiences on types of indigenous food crops (<i>indigenous vegetables such as pigweeds and black night shade, indigenous cereals such as millet and sorghum and indigenous root crops such as yams</i>)</p>	<ul style="list-style-type: none"> Pictures Photos Realia Digital devices Video clips MTP Agriculture Grade 5 Learners Bk. Pg. 61-62 MTP Agriculture Grade 5 TG. Pg. 102-103 	<ul style="list-style-type: none"> Oral questions Written quizzes Observation 	



	3		<p><i>Exploring indigenous food crops in our neighbourhood</i></p>	<p>By the end of the sub strand the learner should be able to</p> <ol style="list-style-type: none"> Give the meaning of indigenous food crops in the community. Explore the various indigenous food crops in their locality 	<p>What types of indigenous crops are found in the community?</p> <p>Why are indigenous crops important?</p>	<p>- In groups, learners to brainstorm and share experiences on types of indigenous food crops (indigenous vegetables such as pigweeds and black night shade, indigenous cereals such as millet and sorghum)</p>	<ul style="list-style-type: none"> Pictures Photos Realia Digital devices Video clips MTP <p><i>Agriculture Grade 5 Learners Bk. Pg.61-62</i></p>	<ul style="list-style-type: none"> Oral questions Written quizzes Observation 	
--	---	--	--	--	--	--	---	--	--



				c. Demonstrate understanding of the importance of indigenous food crops to nutrition, health and food security		and indigenous root crops such as yams	<ul style="list-style-type: none"> • MTP Agriculture Grade 5 TG. Pg. 102-103 		
9	1		Exploring indigenous food crops in our neighbourhood	<p>By the end of the sub strand the learner should be able to</p> <p>a. Give the meaning of indigenous food crops in the community.</p> <p>b. Explore the various indigenous food crops in their locality</p> <p>c. Demonstrate understanding of the importance of indigenous food crops to nutrition, health and food security</p>	<p>What types of indigenous crops are found in the community?</p> <p>Why are indigenous crops important?</p>	<p>- In groups, learners to brainstorm and share experiences on types of indigenous food crops (<i>indigenous vegetables such as pigweeds and black night shade, indigenous cereals such as millet and sorghum and indigenous root crops such as yams</i>)</p>	<ul style="list-style-type: none"> • Pictures • Photos • Realia • Digital devices • Video clips • MTP Agriculture Grade 5 Learners Bk. Pg. 61-62 • MTP Agriculture Grade 5 TG. Pg. 102-103 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	



2		<i>Preserving and mounting parts of indigenous food plants for display</i>	By the end of the sub strand the learner should be able to a. Identify ways of preserving indigenous food plants b. Display various types of indigenous food crops for identification purposes. c. Demonstrate understanding of the importance of indigenous food crops to nutrition, health and food security	What types of indigenous crops are found in the community? Why are indigenous crops important?	- Learner to collect, preserve and mount identifiable parts such as leaf specimen of various indigenous food crops on manila paper such as <i>indigenous vegetables: pigweed, pumpkin, black night shade, spider weed: indigenous cereals: millet, sorghum and Indigenous root crops: cassava, yams, sweet potato, arrow roots</i>	<ul style="list-style-type: none"> • Pictures • Photos • Realia • Digital devices • Video clips • MTP Agriculture Grade 5 Learners Bk. Pg.62-64 • MTP Agriculture Grade 5 TG. Pg. 103-105 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation <input type="checkbox"/>	
3		<i>Preserving and mounting parts of indigenous food plants for display</i>	By the end of the sub strand the learner should be able to a. Identify ways of preserving indigenous food plants b. Display various types of indigenous food crops for identification purposes.	What types of indigenous crops are found in the community? Why are indigenous crops important?	- Learner to collect, preserve and mount identifiable parts such as leaf specimen of various indigenous food crops on manila paper such as <i>indigenous vegetables: pigweed, pumpkin, black</i>	<ul style="list-style-type: none"> • Pictures • Photos • Realia • Digital devices • Video clips • MTP Agriculture Grade 5 Learners Bk. Pg.62-64 • MTP Agriculture Grade 5 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation <input type="checkbox"/>	



				c. Demonstrate understanding of the importance of indigenous food crops to nutrition, health and food security		<i>night shade, spider weed: indigenous cereals: millet, sorghum and Indigenous root crops:</i>	<i>TG. Pg. 103-105</i>		
--	--	--	--	--	--	---	------------------------	--	--



						<i>cassava, yams, sweet potato, arrow roots.</i>			
10	1		Vegetable Gardening Practices - <i>preparing a nursery bed</i>	By the end of the sub strand the learner should be able to a. Identify gardening practices for vegetables. b. Establish a nursery bed for vegetables c. Appreciate the importance of growing vegetable for nutrition and food security.	What are the gardening practices for vegetables? Why should we grow vegetables?	- Learners watch a video clips on how to prepare nursery bed and sow vegetables seeds into the nursery bed. -	<ul style="list-style-type: none"> • Pictures • Photos • Realia • Digital devices • Video clips • <i>MTP Agriculture Grade 5 Learners Bk. Pg.67-70</i> • <i>MTP Agriculture Grade 5 TG. Pg. 110-111</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	
	2		<i>preparing a nursery bed</i>	By the end of the sub strand the learner should be able to a. Identify gardening practices for vegetables. b. Establish a nursery bed for vegetables c. Appreciate the importance of growing vegetable for nutrition and food security.	What are the gardening practices for vegetables? Why should we grow vegetables?	- Learners watch a video clips on how to prepare nursery bed and sow vegetables seeds into the nursery bed. -	<ul style="list-style-type: none"> • Pictures • Photos • Realia • Digital devices • Video clips • <i>MTP Agriculture Grade 5 Learners Bk. Pg.67-70</i> • <i>MTP Agriculture Grade 5 TG. Pg. 110-111</i> 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	



	3		<i>Sowing seeds on a nursery bed</i>	By the end of the sub strand the learner should be able to a. Establish a nursery bed for vegetables b. Demonstrate sowing of seeds on a nursery bed c. Appreciate the importance of growing vegetable for nutrition and food security.	What are the gardening practices for vegetables? Why should we grow vegetables?	- In groups, learners to sow vegetable seeds on the prepared nursery bed. -	<ul style="list-style-type: none"> • Pictures • Photos • Realia • Digital devices • Video clips • MTP Agriculture Grade 5 Learners Bk. Pg.70-71 • MTP Agriculture Grade 5 TG. Pg. 	<ul style="list-style-type: none"> • Oral questions • Written quizzes • Observation 	
11	ASSESSMENT								