AGRICULTURE SCHEME OF WORK GRADE 6 TERM 3

NAME	
TSC NO.	
SCHOOL	

AGRICULTURE SCHEME OF WORK GRADE 6 TERM 3

SCHOOL	GRADE	LEARNING AREA	TERM	YEAR
	GRADE 6	AGRICULTURE	3	

Wk	Ls n	Strand/Theme	Sub strand	Specific Learning Outcomes	Key inquiry Questions	Learning Experiences	Learning Resources	Assessment Methods	Ref
1	1	GARDENING PRACTICES	Identifying legumes	By the end of the lesson, the learner should be able to: a. identify the various variety of legumes b. watch a video clip of different legumes c. desire to carry out organic gardening of legumes	What is organic gardening? 2. How can we grow legumes using cultural practices?	In groups, learners brainstorm and share experiences on gardening practices for legumes. Individual learners to share information accessed through online sharing, live presentation or printed information.	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 114-115 MTP AGRIC Learners Bk. Grd. 6 Pg.73-74	Project journal on growing of legume crops. Y Graded oral assessment.	
	2		Meaning of organic gardening	By the end of the lesson, the learner should be able to: a. explain the meaning of organic gardening of legumes b. watch a video clip on organic gardening practices c. desire to carry out organic gardening of legumes	What is organic gardening? 2. How can we grow legumes using cultural practices?	In pairs, learners share their understanding of the meaning of organic gardening of legumes (growing legume crops without use of agrochemicals).	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 115-116 MTP AGRIC Learners Bk. Grd. 6 Pg.75	Project journal on growing of legume crops. Y Graded oral assessment.	

	3	Meaning of organic gardening	By the end of the lesson, the learner should be able to: a. explain the meaning of organic gardening of legumes b. watch a video clip on organic gardening practices c. desire to carry out organic gardening of legumes	What is organic gardening? 2. How can we grow legumes using cultural practices?	In pairs, learners share their understanding of the meaning of organic gardening of legumes (growing legume crops without use of agrochemicals).	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 115-116 MTP AGRIC Learners Bk. Grd. 6 Pg.75	Project journal on growing of legume crops. Graded oral assessment.
2	1	Exploring organic gardening practices	By the end of the lesson, the learner should be able to: a. find information on organic gardening using digital resources, b. explain how legumes are grown using cultural practices c. develop curiosity in carrying out organic gardening of legumes	What is organic gardening? 2. How can we grow legumes using cultural practices?	In groups, learners brainstorm and share experiences on gardening practices for legumes. Individual learners to share information accessed through online sharing, live presentation or printed information.	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 116-117 MTP AGRIC Learners Bk. Grd. 6 Pg.76	Project journal on growing of legume crops. Graded oral assessment.
	2	Exploring organic gardening practices	By the end of the lesson, the learner should be able to: a. find information on organic gardening using digital resources, b. explain how legumes are grown using cultural practices c. develop curiosity in carrying out organic gardening of legumes	What is organic gardening? 2. How can we grow legumes using cultural practices?	In groups, learners brainstorm and share experiences on gardening practices for legumes. Individual learners to share information accessed through online sharing, live presentation or printed information.	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 116-117	Project journal on growing of legume crops. Graded oral assessment.

						MTP AGRIC Learners Bk. Grd. 6 Pg.76	
	3	Establishing a legume crop	By the end of the lesson, the learner should be able to: a. establish a legume crop in an appropriate site using organic manure, take care of a growing legume crop using appropriate field practices, b. identify a suitable legume crop to be grown c. develop curiosity in carrying out organic gardening of legumes	What is organic gardening? 2. How can we grow legumes using cultural practices?	In groups, learners brainstorm and share experiences on gardening practices for legumes. Individual learners to share information accessed through online sharing, live presentation or printed information.	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 118 MTP AGRIC Learners Bk. Grd. 6 Pg.77	Project journal on growing of legume crops. Graded oral assessment.
3	1	Selecting legume seeds for planting	By the end of the lesson, the learner should be able to: a. identify a suitable legume crop to be grown b. Select suitable seeds for sowing c. develop curiosity in carrying out organic gardening of legumes	What is organic gardening? 2. How can we grow legumes using cultural practices?	In groups, learners brainstorm and share experiences on gardening practices for legumes Individual learners to share information accessed through online sharing, live presentation or printed information.	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 119 MTP AGRIC Learners Bk. Grd. 6 Pg.77	Project journal on growing of legume crops. Graded oral assessment.
	2	Preparing a seedbed	By the end of the lesson, the learner should be able to: a. identify a suitable site for the seedbed b. prepare a seedbed for sowing the seeds of legume crop	What is organic gardening? 2. How can we grow legumes using cultural practices?	Learners watch video clips on how to prepare selected site and sow legume seeds using organic manure. The seedbed could be in containers or appropriate ground sites. Learners to	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds.	Project journal on growing of legume crops. Graded oral assessment.

			c. develop curiosity in carrying out organic gardening of legumes		visit organic farms and institutions in the locality to learn more on organic farming practices In groups, learners prepare a suitable site and plant legumes.	MTP AGRIC TG Grd. 6 Pg. 119-120 MTP AGRIC Learners Bk. Grd. 6 Pg.78-79	
	3	Sowing legume seeds	By the end of the lesson, the learner should be able to: a. list different methods of sowing seeds on a seedbed b. sow legume crops seeds on the seedbed prepared c. develop curiosity in carrying out organic gardening of legumes	What is organic gardening? 2. How can we grow legumes using cultural practices?	In groups, learners brainstorm and share experiences on gardening practices for legumes. Individual learners to share information accessed through online sharing, live presentation or printed information.	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 120-121 MTP AGRIC Learners Bk. Grd. 6 Pg.79-81	Project journal on growing of legume crops. Graded oral assessment.
4	1	Caring for growing legumes	By the end of the lesson, the learner should be able to: a. use appropriate tools and equipment in growing legume crop, b. explain different ways of caring for growing legumes c. develop curiosity in carrying out organic gardening of legumes	What is organic gardening? 2. How can we grow legumes using cultural practices?	In groups, learners take care of the growing legume crops using cultural practices (mulching, watering, thinning, gapping, uprooting weeds, removing pests and diseases plants) with appropriate tools and	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 123-124 MTP AGRIC Learners Bk. Grd. 6 Pg.81-83	Project journal on growing of legume crops. Graded oral assessment.
	2	Determining the right stage of harvesting	By the end of the lesson, the learner should be able to:	What is organic gardening? 2. How can	Y Learners to discuss appropriate stages of harvesting legume crop. In groups, learners harvest	Organic manures, gardening tools and equipment, organic mulch materials, video	Project journal on growing of legume

		legume	 a. determine appropriate stage of harvesting legume crops, b. name stages of harvesting legume crops c. develop curiosity in carrying out organic gardening of legumes 	we grow legumes using cultural practices?	legume crop appropriately for consumption.	clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 128-129 MTP AGRIC Learners Bk. Grd. 6 Pg.86-88	crops. Graded oral assessment.
	3	Harvesting legume crops	By the end of the lesson, the learner should be able to: a. harvest legume crops appropriately to reduce wastage, b. name stages of harvesting legume crops c. develop curiosity in carrying out organic gardening of legumes	What is organic gardening? 2. How can we grow legumes using cultural practices?	Y Learners to discuss appropriate stages of harvesting legume crop. In groups, learners harvest legume crop appropriately for consumption.	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 129-130 MTP AGRIC Learners Bk. Grd. 6 Pg.88-92	Project journal on growing of legume crops. Graded oral assessment.
5	1	Harvesting legume crops	By the end of the lesson, the learner should be able to: a. harvest legume crops appropriately to reduce wastage, b. name stages of harvesting legume crops c. develop curiosity in carrying out organic gardening of legumes	What is organic gardening? 2. How can we grow legumes using cultural practices?	Y Learners to discuss appropriate stages of harvesting legume crop. In groups, learners harvest legume crop appropriately for consumption.	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 129-130 MTP AGRIC Learners Bk. Grd. 6 Pg.88-92	Project journal on growing of legume crops. Graded oral assessment.

	2		Importance of organic gardening of legumes to our health	By the end of the lesson, the learner should be able to: a. Demonstrate understanding of the importance of organically grown legume crops to human health. b. Name some diseases that can be prevent by eating legumes c. Appreciate the importance of legume crops	What is organic gardening? 2. How can we grow legumes using cultural practices?	Y In groups, learners brainstorm on importance of growing legume crops using cultural practices.	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 131-135 MTP AGRIC Learners Bk. Grd. 6 Pg.92	Project journal on growing of legume crops. Y Graded oral assessment.
	3		Benefits of organic gardening	By the end of the lesson, the learner should be able to: a. store acquired information on organic gardening of legumes for reference, b. share accessed information on organic gardening with other learners, c. explain to the community the benefits of organic gardening	What is organic gardening? 2. How can we grow legumes using cultural practices?	Γ In groups, learners brainstorm on importance of growing legume crops using cultural practices. Γ Learners to assist parents and guardians in the activities for growing legumes and maintaining tools	Organic manures, gardening tools and equipment, organic mulch materials, video clips on organic farming practices, and assorted legume seeds. MTP AGRIC TG Grd. 6 Pg. 131-135 MTP AGRIC Learners Bk. Grd. 6 Pg.93-94	Project journal on growing of legume crops. Y Graded oral assessment.
6	1	Innovative Ornamental Gardening	Meaning of ornamental gardening	By the end of the lesson, the learner should be able to: a. explain the meaning of ornamental gardening in innovative gardening practices b. observe pictures of different ornamental gardening c. appreciate the importance of ornamental gardening	What is Ornamental cropping? 2. Why do we practice ornamental cropping?	In groups, learners to share their understanding of the meaning of ornamental gardening and its importance.	video clips on ornamental gardening practices, pictures and photos, illustrative designs on ornamental gardens, assorted planting materials	Project journal on growing of legume crops. Y Graded oral assessment.

2	Observing ornamental cropping	By the end of the lesson, the learner should be able to: a. store acquired	What is Ornamental cropping?	Y Learners watch or observe stimulus materials such as video clips,	MTP AGRIC TG Grd. 6 Pg. 136-138 MTP AGRIC Learners Bk. Grd. 6 Pg.100 video clips on ornamental	Project journal on growing of
	patterns	information on innovative ornamental gardening for reference, b. observe or watch a video clip on ornamental cropping patters c. appreciate the importance of ornamental gardening	2. Why do we practice ornamental cropping?	pictures, photograph, and illustrations on ornamental cropping designs showing various crops.	gardening practices, pictures and photos, illustrative designs on ornamental gardens, assorted planting materials MTP AGRIC TG Grd. 6 Pg. 139 MTP AGRIC Learners Bk. Grd. 6 Pg.101-102	legume crops. Y Graded oral assessment.
3	Observing ornamental cropping patterns	By the end of the lesson, the learner should be able to: a. store acquired information on innovative ornamental gardening for reference, b. observe or watch a video clip on ornamental cropping patters c. appreciate the importance of ornamental gardening	What is Ornamental cropping? 2. Why do we practice ornamental cropping?	Y Learners watch or observe stimulus materials such as video clips, pictures, photograph, and illustrations on ornamental cropping designs showing various crops.	video clips on ornamental gardening practices, pictures and photos, illustrative designs on ornamental gardens, assorted planting materials MTP AGRIC TG Grd. 6 Pg. 139 MTP AGRIC Learners Bk. Grd. 6 Pg.101-102	Project journal on growing of legume crops. Y Graded oral assessment.

7	1	Exploring innovative ornamental gardens	By the end of the lesson, the learner should be able to: a. find information on innovative ornamental gardening using digital resources, b. discuss appropriate crops for ornamental gardening c. appreciate the importance of ornamental gardening	What is Ornamental cropping? 2. Why do we practice ornamental cropping?	γ In pairs, learners discuss appropriate crops for ornamental gardening. γ In groups, learners use digital devices to access information on ornamental gardening and store acquired information appropriately for reference.	video clips on ornamental gardening practices, pictures and photos, illustrative designs on ornamental gardens, assorted planting materials MTP AGRIC TG Grd. 6 Pg. 139 MTP AGRIC Learners Bk. Grd. 6 Pg.102-103	Project journal on growing of legume crops. Y Graded oral assessment.
	2	Exploring innovative ornamental gardens	By the end of the lesson, the learner should be able to: a. find information on innovative ornamental gardening using digital resources, b. discuss appropriate crops for ornamental gardening c. appreciate the importance of ornamental gardening	What is Ornamental cropping? 2. Why do we practice ornamental cropping?	γ In pairs, learners discuss appropriate crops for ornamental gardening. γ In groups, learners use digital devices to access information on ornamental gardening and store acquired information appropriately for reference.	video clips on ornamental gardening practices, pictures and photos, illustrative designs on ornamental gardens, assorted planting materials MTP AGRIC TG Grd. 6 Pg. 139 MTP AGRIC Learners Bk. Grd. 6 Pg.102-103	Project journal on growing of legume crops. Y Graded oral assessment.
	3	Designing an innovative cropping pattern	By the end of the lesson, the learner should be able to: a. design ornamental cropping pattern in the immediate environment, grow an ornamental plant	What is Ornamental cropping? 2. Why do we practice	Y Learners to design and draft drawings on ornamental cropping pattern or innovations they would like to implement in the school.	video clips on ornamental gardening practices, pictures and	Project journal on growing of legume crops.

			using soil medium in the school, b. identify different cropping patterns c. appreciate the importance of ornamental gardening	ornamental cropping?		photos, illustrative designs on ornamental gardens, assorted planting materials MTP AGRIC TG Grd. 6 Pg. 140-141 MTP AGRIC Learners Bk. Grd. 6 Pg.103	Y Graded oral assessment.
8	1	Establishing ornamental plants in soil media	By the end of the lesson, the learner should be able to: a. grow an ornamental plant using soil medium in the school, b. differentiate between the soilless and soil media for ornamental gardening c. appreciate the importance of ornamental gardening	What is Ornamental cropping? 2. Why do we practice ornamental cropping?	 Γ Learners to grow ornamental plants of their choice using soil medium in the school. Γ Learners to collaborate with parents and guardians to introduce and practice ornamental gardening at home in both soil and soilless media. 	video clips on ornamental gardening practices, pictures and photos, illustrative designs on ornamental gardens, assorted planting materials MTP AGRIC TG Grd. 6 Pg. 141-142 MTP AGRIC Learners Bk. Grd. 6 Pg.104-105	Project journal on growing of legume crops. Y Graded oral assessment.
	2	Establishing ornamental plants in soilless media	By the end of the lesson, the learner should be able to: a. grow an ornamental plant using soilless medium in the school, b. differentiate between the soilless and soil media for ornamental gardening c. appreciate the importance of ornamental gardening	What is Ornamental cropping? 2. Why do we practice ornamental cropping?	Thearners to grow ornamental plants of their choice using soilless medium (planting in container with pebbles or coco peat or peat moss among other support medium Thearners to collaborate with parents and guardians	video clips on ornamental gardening practices, pictures and photos, illustrative designs on ornamental gardens, assorted planting materials	Project journal on growing of legume crops. Y Graded oral assessment.

					to introduce and practice ornamental gardening at home in both soil and soilless media.	MTP AGRIC TG Grd. 6 Pg. 143 MTP AGRIC Learners Bk. Grd. 6 Pg.106	
	3	Preparing a compost tea	By the end of the lesson, the learner should be able to: a. identify ways of preparing compost b. prepare a compost tea c. appreciate the importance of ornamental gardening	What is Ornamental cropping? 2. Why do we practice ornamental cropping?	Y Individual learners to share information accessed through online sharing, live presentation and printed materials. Learners to engage their parents and guardians on accessing and sharing information on ornamental gardening using digital devices. learners to prepare compost tea	video clips on ornamental gardening practices, pictures and photos, illustrative designs on ornamental gardens, assorted planting materials MTP AGRIC TG Grd. 6 Pg. 143 MTP AGRIC Learners Bk. Grd. 6 Pg.107-109	Project journal on growing of legume crops. Y Graded oral assessment.
9	1	Importance of innovative ornamental cropping	By the end of the lesson, the learner should be able to: a. Value the role of ornamental cropping as an innovative gardening practice. b. Identify different ornamental cropping types c. share accessed information on innovative ornamental gardening with other learners,	What is Ornamental cropping? 2. Why do we practice ornamental cropping?	Y Individual learners to share information accessed through online sharing, live presentation and printed materials. Learners to engage their parents and guardians on accessing and sharing information on ornamental gardening using digital devices. Learners to discuss the importance of ornamental cropping	video clips on ornamental gardening practices, pictures and photos, illustrative designs on ornamental gardens, assorted planting materials MTP AGRIC TG Grd. 6 Pg. 144-145 MTP AGRIC Learners Bk. Grd. 6 Pg.109-111	Project journal on growing of legume crops. Y Graded oral assessment.

2	Moisture bed gardenin	Strand the learner should	What are Moisture beds? 2. How can we use moisture beds to grow crops? 3. Why do we prepare moisture beds?	Learners brainstorm and share their understanding of moisture bed and how it is used to grow crops. Y Learners to watch video clips or other relevant stimulus material on preparation of a moisture bed. Y In groups, learners prepare a moisture bed for growing a crop of their choice. Y Learners to collaborate with parents and guardians to establish moisture beds for	Gardening tools and equipment, planting materials such as arrowroots, video clips on preparation of moisture beds, photographs on crops grown on moisture beds, MTP AGRIC TG Grd. 6 Pg. 147 MTP AGRIC Learners Bk. Grd. 6 Pg.112	f Oral assessment. f Graded observation on learner project activities and participation levels
3	How to prepare a sunken moisture bed	By the end of the Sub Strand the learner should be able to; a. prepare a sunken moisture bed for growing a selected crop, b. identify crops grown on moisture beds c. Develop curiosity in making moisture gardens	What are Moisture beds? 2. How can we use moisture beds to grow crops? 3. Why do we prepare moisture beds?	Learners brainstorm and share their understanding of moisture bed and how it is used to grow crops. 1 Learners to watch video clips or other relevant stimulus material on preparation of a moisture bed. 2 In groups, learners prepare a moisture bed for growing a crop of their choice. 3 Learners to collaborate with parents and guardians to establish moisture beds for	Gardening tools and equipment, planting materials such as arrowroots, video clips on preparation of moisture beds, photographs on crops grown on moisture beds, MTP AGRIC TG Grd. 6 Pg. 148-149 MTP AGRIC Learners Bk. Grd. 6 Pg.112-114	f Oral assessment. f Graded observation on learner project activities and participation levels
	Raised moisture beds	By the end of the Sub Strand the learner should be able to; a. prepare a raised moisture bed for growing a selected crop,	What are Moisture beds? 2. How can we use moisture beds to grow crops?	Learners brainstorm and share their understanding of moisture bed and how it is used to grow crops. Y Learners to watch video clips or other relevant	Gardening tools and equipment, planting materials such as arrowroots, video clips on preparation of moisture beds,	Y Oral assessment. Y Graded observation on

		b. identify crops grown on moisture bedsc. Develop curiosity in making moisture gardens	3. Why do we prepare moisture beds?	stimulus material on preparation of a moisture bed. In groups, learners prepare a moisture bed for growing a crop of their choice. Learners to collaborate with parents and guardians to establish moisture beds for	photographs on crops grown on moisture beds, MTP AGRIC TG Grd. 6 Pg. 150-151 MTP AGRIC Learners Bk. Grd. 6 Pg.115-119	learner project activities and participation levels
	Preparing a moisture bed	By the end of the Sub Strand the learner should be able to; a. prepare a moisture bed for growing a selected crop, b. identify ways of caring for different moisture beds c. Develop curiosity in making moisture gardens	What are Moisture beds? 2. How can we use moisture beds to grow crops? 3. Why do we prepare moisture beds?	Learners brainstorm and share their understanding of moisture bed and how it is used to grow crops. Learners to watch video clips or other relevant stimulus material on preparation of a moisture bed. In groups, learners prepare a moisture bed for growing a crop of their choice. Learners to collaborate with parents and guardians to establish moisture beds for	Gardening tools and equipment, planting materials such as arrowroots, video clips on preparation of moisture beds, photographs on crops grown on moisture beds, MTP AGRIC TG Grd. 6 Pg. 150-155 MTP AGRIC Learners Bk. Grd. 6 Pg.119-121	f Oral assessment. f Graded observation on learner project activities and participation levels
	Importance of moisture bed cropping	By the end of the Sub Strand the learner should be able to; a. Appreciate importance of moisture beds in growing crops b. establish a crop on a moisture bed for water conservation, c. identify seeds suitable for different types of moisture beds	What are Moisture beds? 2. How can we use moisture beds to grow crops? 3. Why do we prepare moisture beds?	Learners brainstorm and share their understanding of moisture bed and how it is used to grow crops. Y Learners to watch video clips or other relevant stimulus material on preparation of a moisture bed. Y In groups, learners prepare a moisture bed for	Gardening tools and equipment, planting materials such as arrowroots, video clips on preparation of moisture beds, photographs on crops grown on moisture beds, MTP AGRIC TG Grd. 6 Pg. 150-155	γ Oral assessment. γ Graded observation on learner project activities and participation levels

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			growing a crop of their	MTP AGRIC	
			choice.	Learners Bk. Grd. 6	
			Y Learners to collaborate	Pg.122-124	
			with parents and guardians		
			to establish moisture beds		
			for		