

## AGRIC, F1, T1

**REFERENCES:** Longhorn Secondary Agriculture Book, Golden Tips KCSE Agriculture, Certificate Agriculture Book, KLB Top Mark Agriculture, KLB Secondary Agriculture, Teacher's Guide

W K	LS N	TOPIC	SUB-TOPIC	OBJECTIVES	L/ACTIVITIES	L/T AIDS	REFERENCE	REMARKS
4	1	Introduction to Agriculture	Definition and branches of Agriculture	By the end of the lesson, the learner should be able to Define Agriculture State main branches of Agriculture	Definition of Agriculture Giving examples Use of questions and answers Note taking	Charts Tree diagrams Students book Chalk board handouts	KLB secondary Agriculture form 1 pg 1-3 Certificate Agriculture F1 pg 1-3 Longhorn secondary Agriculture form 1 pg 1-5 Teachers guide pg 37 Golden tips KCSE Agriculture pg 4-5 Top mark Agric Pg 2-2 KLB secondary Agriculture	

	2-3	Introduction to Agriculture	Crop farming Livestock farming Agricultural economics and engineering	By the end of the lesson, the learner should be able to State various types of crop and animal farming Describe various types of crop and animal farming Explain agricultural economics and engineering	Giving descriptions of crops and animals Explanations Note taking	Photographs Charts Students book Chalk board	form 1 pg 3-5 Certificate F1 Agriculture pg 3 Longhorn secondary Agriculture form 1 pg 2-6 Teachers guide pg 37 Golden tips KCSE Agriculture pg 5-6 Top mark Revision pg 2-4	
5	1	Introduction to Agriculture	Systems of farming Extensive Intensive Small scale Large scale	By the end of the lesson, the learner should be able to State and describe farming systems State and explain the advantages and disadvantages of each system	Asking questions Answering questions Describing farming systems Stating advantages and disadvantages of each Note taking	Student's book Charts Diagrams	KLB secondary Agriculture form 1 pg 5 Certificate F1 pg 5-7 Longhorn secondary Agriculture form 1 pg 6-9 Teachers guide pg 38 Golden tips KCSE Agriculture pg 6-7 Top mark Revision pg 3	
	2-3	Introduction to Agriculture	Methods of faming Mixed Nomadic Shifting Organic agro forestry	By the end of the lesson ,the learner should be able to identify various methods of farming explain the various methods	explanations of the methods identification of methods note taking	photographs livestock product charts chalkboard	KLB secondary Agriculture form 1 pg 6-8 Certificate F1 pg 7-10 Longhorn secondary Agriculture form 1 pg 9-12 Teachers guide pg 39 Golden tips KCSE Agriculture pg 7-8 Top mark Revision pg 4-5	
6	1	Introduction to Agriculture	Role of Agriculture in the economy	By the end of the lesson, the learner should be able to State and explain the roles of agriculture in economy	Explaining the roles of Agriculture in the economy Appreciating the importance of Agriculture Note taking	Raw Materials Flow charts Specimen on produce Industrial goods	KLB secondary Agriculture form 1 pg 8-9 Certificate F1 pg 3-4 Longhorn secondary Agriculture form 1 pg 9-12 Teachers guide pg 39 Golden tips KCSE Agriculture pg 7-8 Top mark Revision pg 5	
	2-3	Factors influencing agriculture	Human factors	By the end of the lesson, the learner should be able to State and explain human factors influencing agriculture	Explaining the human factors influencing agriculture	Charts with HIV data Photographs on means of transport	KLB secondary Agriculture form 1 pg 11-15 Certificate F1 pg 11-12 Longhorn secondary Agriculture form 1 pg 16-21 Teachers guide pg 43-44	

							Golden tips KCSE Agriculture pg 7-8 Top mark Revision pg 7	
7	1	Climatic factors	Factors influencing Agriculture	By the end of the lesson, the learner should be able to Identify and explain the biotic factors influencing agriculture	Explaining the biotic factors Identify the factors	Weather Station equipment Maps in students books Maps showing rainfall distribution	KLB secondary Agriculture form 1 pg 16-17 Certificate F1 pg 20 Longhorn secondary Agriculture form 1 pg 21-24 Teachers guide pg 43-45 Golden tips KCSE Agriculture pg 7-8 Top mark Revision pg 7	
	2-3	Factors influencing Agriculture	Climatic factors	By the end of the lesson, the learner should be able to State climatic factors Describe how climatic factors influence Agriculture	Stating climatic factors Describing how climatic factors influence agriculture	Weather Station equipment Maps in students books Maps showing rainfall distribution	KLB secondary Agriculture form 1 pg 18-21 Certificate F1 pg 13-129 Longhorn secondary Agriculture form 1 pg 24-32 Teachers guide pg 46	
8	1	Factors influencing Agriculture	Edaphic Factors	By the end of the lesson, the learner should be able to Define soil Describe soil formation processes	Defining soil Describing soil formation processes	Soil samples Diagrams in students book	KLB secondary Agriculture form 1 pg 22-29 Certificate F1 pg 21-26 Longhorn secondary Agriculture form 1 pg 33-38 Teachers guide pg 47 Golden tips KCSE Agriculture pg 7-8 Top mark Revision pg 9-10	
	2-3	Factors influencing Agriculture	Soil profile	By the end of the lesson, the learner should be able to describe the soil profile Explain its influence on crop production	Describing soil profile Explaining its influence on crop production	Diagrams in students books Excavated areas charts showing soil profile	KLB secondary Agriculture form 1 pg 22-29 Certificate F1 pg 21-26 Longhorn secondary Agriculture form 1 pg 33-38 Teachers guide pg 47 Top mark Revision pg 9-10	
9	1	Factors influencing Agriculture	Soil constituents Mineral & organic matter	By the end of the lesson, the learner should be able to Determine soil constituents State the importance of each constituents	Determining soil constituents Stating the importance of soil constituents	Sieves Soil samples Lens Diagrams and apparatus in students book	KLB secondary Agriculture form 1 pg 32-33 Certificate F1 pg 29-34 Longhorn secondary Agriculture form 1 pg 40-49 Teachers guide pg 49	

							Gateway secondary Revision paper 1 pg 15-17 Top mark Revision pg 12-13	
	<b>2-3</b>	Factors influencing Agriculture	Soil constituents Organic matter Air Water Living organisms	By the end of the lesson, the learner should be able to Determine soil constituents State the importance of each constituents	Determining soil constituents Stating the importance of soil constituents	Sieves Soil samples Lens Diagrams and apparatus in students book	KLB secondary Agriculture form 1 pg 32-33 Certificate F1 pg 29-34 Longhorn secondary Agriculture form 1 pg 40-49 Teachers guide pg 49 Gateway secondary Revision paper 1 pg 15-17 Top mark Revision pg 12-13	
<b>10</b>	<b>1</b>	Factors influencing Agriculture	Physical properties of soil	By the end of the lesson, the learner should be able to Classify soil according to structure	Classify soil according to structure	Soil samples Diagrams in the students book School farm	KLB secondary Agriculture form 1 pg 43-45 Certificate F1 pg 40-42 Longhorn secondary Agriculture form 1 pg 49-53 Teachers guide pg 47 Gateway secondary Revision paper 1 pg 17-19 Top mark Revision pg 12	
	<b>2-3</b>	Factors influencing Agriculture	Physical properties of soil	By the end of the lesson, the learner should be able to Classify soil according to texture and colour	Classifying soil according to texture and colour	Soil samples Diagrams in the students book School farm	KLB secondary Agriculture form 1 pg 46-54 Certificate F1 pg 35-39 Longhorn secondary Agriculture form 1 pg 53-59 Teachers guide pg 47 Gateway secondary Revision paper 1 pg 17-19 Top mark Revision pg 13-14	
<b>11</b>	<b>1</b>	Factors influencing Agriculture	Influencing of physical and chemical properties of soil on crop production	By the end of the lesson, the learner should be able to Explain the chemical properties of soil	Explain the chemical properties of soil	PH Meter PH Papers Diagrams	KLB secondary Agriculture form 1 pg 55-56 Certificate F1 pg 43-45 Longhorn secondary Agriculture form 1 pg 59-60 Teachers guide pg 47 Gateway secondary Revision paper 1 pg 19-20 Top mark Revision pg 13-14	
	<b>2-3</b>	Factors influencing	Influence of physical and chemical	By the end of the lesson, the learner should be able to	Explain the effects of soil PH relating crop and animal	Charts on PH Distribution maps for crops	KLB secondary Agriculture form 1 pg 56-57 Certificate F1 pg 45-47	

		Agriculture	properties of soil on crop production	Explain the effects of PH on mineral availability Relate crop and animal distribution to chemical and physical properties of soil	distribution on soil properties and livestock in Kenya	School	Longhorn secondary Agriculture form 1 pg 53-60 Teachers guide pg 47 Gateway secondary Revision paper 1 pg 17-20 Top mark Revision pg 13-14		
12		<b>TOPICAL REVISION</b>							
13		<b>END OF TERM ONE EXAMINATIONS</b>							
14		<b>MARKING AND CLOSING</b>							
15									

## AGRIC, F1, T2

**REFERENCES:** Longhorn Secondary Agriculture Book, Golden Tips KCSE Agriculture, Certificate Agriculture Book, KLB Top Mark Agriculture, KLB Secondary Agriculture, Teacher’s Guide

1.

<b>W K</b>	<b>LS N</b>	<b>TOPIC</b>	<b>SUB-TOPIC</b>	<b>OBJECTIVES</b>	<b>L/ACTIVITIES</b>	<b>L/T AIDS</b>	<b>REFERENCE</b>	<b>REMARKS</b>
1	1-2	Farm tools and Equipment	Garden and equipment	By the end of the lesson, the learner should be able to Identify various garden tools and equipments Draw various garden tools and equipments Name the garden tools and equipments various parts	Identifying tools and demonstrating their use Draw the garden tools and equipments Name various parts	Garden tools and equipments Diagrams in students books photographs	KLB secondary Agriculture form 1 pg 59-62 Certificate F1 pg 49-54 Longhorn secondary Agriculture form 1 pg 63-67 Teachers guide pg 52-54 Gateway secondary Revision paper 2 pg 90-99	
							KLB secondary Agriculture	

	3	Farm tools and Equipment	Garden tools and equipment	By the end of the lesson, the learner should be able to State the use of various tools Carry out maintenance practices on tools and equipments	State the use of tools Practicing Maintenance of tools and equipments	Photographs of tools Diagrams in students book School farm	form 1 pg 59-62 Certificate F1 pg 49-56 Longhorn secondary Agriculture form 1 pg 63-67 Teachers guide pg 52-54 Gateway secondary Revision paper 2 pg 90-99	
2	1-3	Farm tools and Equipments	Workshop tools and equipment	By the end of the lesson, the learner should be able to Identify workshop tools and equipment Name various parts State the use of various tools Carry out maintain ace practices on workshop tools and equipment	Identifying tool Demonstrating their use Drawing the tools Labeling the parts Practicing maintenance of tools and equipment	Workshop tools Diagrams in students text books School store School farm	KLB secondary Agriculture form 1 pg 75-93 Certificate F1 pg 59-71 Longhorn secondary Agriculture form 1 pg 84-101 Teachers guide pg 52-54 Gateway secondary Revision paper 2 pg 107-117	
3	1-3	Farm tools and Equipment	Livestock production tools	By the end of the lesson the learner should be able to Identify livestock production tools Draw various livestock production tools Name various parts of the tools State the use of the various tools Carry out maintenance practices on livestock production tools	Drawing tools Labeling Demonstrating their use Identifying the tools Practicing maintenance practices	Livestock Diagrams on students book Livestock store School farm	KLB secondary Agriculture form 1 pg 63-74 Certificate F1 pg 54-59 Longhorn secondary Agriculture form 1 pg 74-84 Teachers guide pg 52-54 Gateway secondary Revision paper 2 pg 100-106	
4	1-3	Farm tools and Equipment	Plumbing and masonry tools and equipment	By the end of the lesson, the learner should be able to Identify plumbing and masonry tools and equipment Name parts of various plumbing and masonry tools and equipment Draw the various plumbing and masonry tools and equipment State the use of various plumbing and masonry tools	Naming parts of tools Drawing various tools Stating the use of the tools Carrying out maintenance practices	School workshop Drawing in the students book Plumbing and masonry tools	KLB secondary Agriculture form 1 pg 99-102 Certificate F1 pg 72-75 Longhorn secondary Agriculture form 1 pg 97-101 Teachers guide pg 52-54 Gateway secondary Revision paper 2 pg 116-117	

				and equipment Carry out maintenance practices on plumbing and masonry tools and equipment				
<b>5</b>	<b>1</b>	Land Preparation (Crop production 1)	Definition and importance of land preparation Land clearing	By the end of the lesson, the learner should be able to Define land preparation Explain importance of land preparation Describing land clearing	Defining and preparation Explaining the importance of land preparation Describing land clearing	School farms Panga Slashers digging	KLB secondary Agriculture form 1 pg 104-105 Certificate F1 pg 77-78 Longhorn secondary Agriculture form 1 pg 103-105 Teachers guide pg 56-57 Top mark Agric pg 28	
	<b>2-3</b>	Land Preparation	Primary cultivation Secondary Cultivation	By the end of the lesson, the learner should be able to Define primary and secondary cultivation Explain how each is carried out and importance Discuss the choice of correct tool and equipment for each operation	Defining terms Explain how each is carried out Discussion the correct choice of tools and equipment	School farms Jembes Diagrams in students books pangas	KLB secondary Agriculture form 1 pg 106-110 Certificate F1 pg 79-84 Longhorn secondary Agriculture form 1 pg 105-109 Teachers guide pg 58-59 Gateway secondary Revision paper 2 pg 116-117 Top-mark secondary Agric Revision pg 28-29	



6	1	Land Preparation	Tertiary Operation	By the end of the lesson, the learner should be able to Identify tools used in tertiary operations Explain how each of the operation is done State the importance of the operation	Discussion Identifying the tools Explaining how operation is done	Drawing in the students book Photographs of tools used	KLB secondary Agriculture form 1 pg 110-113 Certificate F1 pg 85-87 Longhorn secondary Agriculture form 1 pg 109-111 Teachers guide pg 59 Gateway secondary Revision paper 2 pg 116-117 Top-mark secondary Agric Revision pg 29	
	2-3	Land Preparation	Minimum tillage Meaning Importance practices	By the end of the lesson, the learner should be able to Define minimum tillage Explain how it is done State the importance List the practices involved in minimum tillage	Defining minimum tillage Explaining how it is done Stating the importance Listing practices involved	School farm	KLB secondary Agriculture form 1 pg 112-113 Certificate F1 pg 85-86 Longhorn secondary Agriculture form 1 pg 112 Teachers guide pg 57-59 Top-mark secondary Agric Revision pg 29	
7	1	Water supply irrigation and drainage	Water supply Source importance	By the end of the lesson, the learner should be able to Describe the various sources of water in the farm State the importance in the farm	Describing sources of water Stating the importance of water in the farm	Drawing in student book Photographs of dam, boreholes	KLB secondary Agriculture form 1 pg 120-126 Certificate F1 pg 94-100 Longhorn secondary Agriculture form 1 pg 116-121 Teachers guide pg 62-63 Gateway Agriculture revision paper 1 page 127-288	
	2-3	Water Supply Irrigation and	Water collection storage of water	By the end of the lesson, the learner should be able to	Describing collecting, pumping and conveyance of	Pipes Pumps	KLB secondary Agriculture form 1 pg 120-126	

		drainage	Pumping of water Conveyance of water	Describe collection, pumping and conveyance of water	water	Tanks Water treatment plant Diagrams in students book	Certificate F1 pg 94-100 Longhorn secondary Agriculture form 1 pg 116- 121 Teachers guide pg 62-63 Gateway Agriculture revision paper 1 page 127- 288	
<b>8</b>	<b>1</b>	Water Supply irrigation and drainage	Water treatment methods and importance	By the end of the lesson, the learner should be able to State methods of water treatment Describe the method State the importance of water treatment	Stating the methods of water treatment Describing the methods Stating importance of water	Charts Water treatment plants Diagrams in the student book	KLB secondary Agriculture form 1 pg 126-129 Certificate F1 pg 98-100 Longhorn secondary Agriculture form 1 pg 121- 125 Teachers guide pg 62-63 Gateway Agriculture revision paper 1 page 129- 130	
	<b>2-3</b>		Irrigation Definition Importance methods	By the end of the lesson, the learner should be able to define irrigation state the importance of irrigation		charts school farm students book photographs	KLB secondary Agriculture form 1 pg 129-130 Certificate F1 pg 101-103 Longhorn secondary Agriculture form 1 pg 125- 129 Teachers guide pg 62-63 Gateway Agriculture revision paper 1 page 130 Top mark secondary Agriculture pg 16	
<b>9</b>	<b>1</b>	Water supply, irrigation and drainage	Methods of irrigation surface/basin irrigation Overhead irrigation	By the end of the lesson, the learner should be able to Describe surface and overhead irrigation	Describing surface and overhead irrigation	School farm Drawings in students book Photographs, sprinklers and spades	KLB secondary Agriculture form 1 pg 130-131,134 Certificate F1 pg 104-106 Longhorn secondary	

				© Education Plus Agencies			Agriculture form 1 pg 128-130 Teachers guide pg 62-63	
	2-3	Water supply, irrigation and drainage	Methods of irrigation Drip irrigation Sub-surface	By the end of the lesson, the learner should be able to Describe drip and sub-surface irrigation	Describe both drip and sub-surface irrigation	School farm Drawings in the students book Photographs Bottles pipes	KLB secondary Agriculture form 1 pg 132-134 Certificate F1 pg 107-108 Longhorn secondary Agriculture form 1 pg 131-133 Teachers guide pg 62-63 Gateway Agriculture revision paper 1 page 132,134 Top mark secondary Agriculture pg 16	
10	1	Water supply and irrigation and drainage	Drainage Definition Importance Causes of poor drainage	By the end of the lesson , the learner should be able to Define drainage Explain the importance of drainage Describe causes of poor drainage	Defining drainage Explaining the importance of drainage Describe the causes of poor drainage	Charts Photographs Diagrams in the student book	KLB secondary Agriculture form 1 pg 136-139 Certificate F1 pg 108-109 Longhorn secondary Agriculture form 1 pg 133-134 Teachers guide pg 63-65 Gateway Agriculture revision paper 1 page 134-134	
	2-3	Water supply irrigation and drainage	Methods of drainage Water pollution	By the end of the lesson, the learner should be able to Describe methods of drainage Define water pollution Explain how farming practices causes pollution	Describe methods of drainage Defining water pollution Explain how farming practices cause pollution	School farm Drawing in students book Photographs Polluted water School farm	KLB secondary Agriculture form 1 pg 137-141 Certificate F1 pg 108-110 Longhorn secondary Agriculture form 1 pg 135-138 Teachers guide pg 63-65 Gateway Agriculture	

							revision paper 1 page 136	
11	1	Soil Fertility (organic) (Manures)	Soil fertility	By the end of the lesson, the learner should be able to Define soil fertility Explain the factor influencing soil fertility	Define soil fertility Explain factors influencing soil fertility	Soil samples Charts School farm	KLB secondary Agriculture form 1 pg 140-144 Certificate F1 pg 112-113 Longhorn secondary Agriculture form 1 pg 140 Teachers guide pg 63-65 Gateway Agriculture revision paper 1 page 136	
	2-3	Soil Fertility	Soil Fertility	By the end of the lesson, the learner should be able to Explain how soil fertility loses its fertility Describe how soil fertility can be maintained	Explaining how soil loses its fertility Describing how soil fertility is maintained	Leached soils Samples of fertile soil Eroded soil	KLB secondary Agriculture form 1 pg 143-146 Certificate F1 pg 112-113 Longhorn secondary Agriculture form 1 pg 141-142 Teachers guide pg 68-69 Gateway Agriculture revision paper 1 page 61-62	
12	1	Organic manure	Definition Importance	By the end of the lesson, the learner should be able to Define organic manures Explain the importance of organic manure	Definition Explanation of importance of organic manure	Chalkboard School farm charts	KLB secondary Agriculture form 1 pg 146-147 Certificate F1 pg 113 Longhorn secondary Agriculture form 1 pg 143-144 Teachers guide pg 69-71 Gateway Agriculture revision paper 1 page 62-63	
	2-3	Organic Manure	Types of organic manure	By the end of the lesson, the learner should be able to State the 3 types of organic manure	Stating types of organic manure Describing the preparation of green, farmyard and compost	Sample of green manure Sample of compost manure Sample of farm yard	KLB secondary Agriculture form 1 pg 148-154 Certificate F1 pg 114-117 Longhorn secondary	

				Describe preparation of green manure Describe preparation of farmyard manure Describe preparation of compost manure	manure		Agriculture form 1 pg 145-150 Teachers guide pg 69-71 Gateway Agriculture revision paper 1 page 63-64 Top mark revision Agriculture for m 1 page 31-33		
<b>13</b>		<b>END OF TERM TWO EXAMINATIONS</b>							
<b>14</b>		<b>MARKING AND CLOSING</b>							

## AGRIC, F1, T3

**REFERENCES:** Longhorn Secondary Agriculture Book, Golden Tips KCSE Agriculture, Certificate Agriculture Book, KLB Top Mark Agriculture, KLB Secondary Agriculture, Teacher’s Guide

W K	LS N	TOPIC	SUB-TOPIC	OBJECTIVES	L/ACTIVITIES	L/T AIDS	REFERENCE	REMARKS
1	1	Livestock Breeds	Importance of livestock	By the end of the lesson, the learner should be able to Explain the importance of livestock to man	Explaining the importance of livestock to man Asking and answering questions	Photographs of livestock Livestock products e,g skin, milk	KLB secondary Agriculture form 1 pg 155 Certificate Secondary Agriculture F1 pg 118 Longhorn secondary Agriculture form 1 pg 152-153 Teachers guide pg 73-74 Gateway Agriculture	

							revision paper 1 page 62-63 Top mark Agriculture page 173	
	2-3	Livestock Breeds	Cattle breeds Exotic indigenous	By the end of the lesson, the learner should be able to state examples of exotic and indigenous breeds describe the characteristics of exotic and indigenous cattle	stating examples describing the characteristics of exotic and local cattle breeds	charts photographs school farm drawings from student books	KLB secondary Agriculture form 1 pg 155 Certificate Secondary Agriculture F1 pg 118 Longhorn secondary Agriculture form 1 pg 152-153 Teachers guide pg 73-74 Gateway Agriculture revision paper 1 page 62-63 Top mark Agriculture page 173	
2	1-3	Livestock breeds	Dairy Cattle breeds	By the end of the lesson, the learner should be able to Identify various breeds Describe their characteristics Draw and label the external parts of cattle	Describing the characteristics of cattle breeds Drawing the external parts of the cattle Labeling the external parts of the cattle Identifying various breeds	Charts Photographs Drawing from the students book School farm	KLB secondary Agriculture form 1 pg 159-162 Certificate Secondary Agriculture F1 pg 119-122 Longhorn secondary Agriculture form 1 pg 158-162 Teachers guide pg 73-77 Gateway Agriculture revision paper 1 page 1-4 Top mark Agriculture page 173	
3	1-2	Livestock Breeds	Beef breeds	By the end of the lesson, the learner should be able to Identify various breeds Describe their characteristics Draw the external parts of cattle Label the external parts of	Identifying various breeds Describing the characteristics of cattle breeds Drawing external parts of cattle Labeling the external parts of cattle	Charts Photographs School farm Drawings from the student's book.	KLB secondary Agriculture form 1 pg 162-165 Certificate Secondary Agriculture F1 pg 124-126 Longhorn secondary Agriculture form 1 pg 155-	

				the cattle			158 Teachers guide pg 73-77 Gateway Agriculture revision paper 1 page 3-4	
	3	Livestock Breeds	Dual Purpose Breeds	By the end of the lesson, the learner should be able to Identify various breeds Describe their characteristics Draw and label the external parts of the cattle	Identifying various breeds Describing their characteristics Drawing and labeling their external parts	Charts Photographs Wall hangings showing dual breeds School farm Drawing from the students book	KLB secondary Agriculture form 1 pg 164-165 Certificate Secondary Agriculture F1 pg 127-129 Longhorn secondary Agriculture form 1 pg 164-168 Teachers guide pg 73-77 Gateway Agriculture revision paper 1 page 1-4 Top mark Agriculture page 75	
4	1-3	Livestock Breeds	Sheep breeds Wool sheep Mutton sheep Dual sheep	By the end of the lesson, the learner should be able to Identify various breeds Describe their characteristics Draw the external parts of sheep Labeling the external parts	Identifying the various breeds Describing their characteristics Drawing the external parts of the sheep Labeling the external parts	Charts Photograph School farm Drawings from the students book	KLB secondary Agriculture form 1 pg 174-179 Certificate Secondary Agriculture F1 pg 129-134 Longhorn secondary Agriculture form 1 pg 164-168 Teachers guide pg 73-77 Gateway Agriculture revision paper 1 page 8 Top mark Agriculture page 75-76	
5	1-3	Livestock breeds	Goats Breeds Milk Meat Hair	By the end of the lesson, the learner should be able to identify various breeds describe their characteristics draw the external parts of the goat	identifying various breeds describing the characteristics of goat breeds drawing the external parts of the goat	charts photographs drawing from the student books school farm	KLB secondary Agriculture form 1 pg 179-182 Certificate Secondary Agriculture F1 pg 135-137 Longhorn secondary	



				label the external parts of the goat			Agriculture form 1 pg 169-173 Teachers guide pg 73-77 Top mark Agriculture page 76	
6	1-3	Livestock Breeds	Pigs Breeds Bacon pork	By the end of the lesson, the learner should be able to Identify various breeds of pigs Describe their characteristics Draw the external parts of pigs Labeling the external parts of the goat	Identifying various breeds Drawing the various external parts of a pig Labeling the external parts Describing the characteristics	Drawings from the students book Photographs Charts School farm	KLB secondary Agriculture form 1 pg 165-171 Certificate Secondary Agriculture F1 pg 139-140 Longhorn secondary Agriculture form 1 pg 174-178 Teachers guide pg 73-77 Gateway Agriculture revision paper 1 page 5-6 Top mark Agriculture page 77	
7	1-3	Livestock Breeds	Chicken Light breeds Heavy breeds Dual purposes hybrids	By the end of the lesson, the learner should be able to identify various breeds describe their characteristics draw the various external parts draw the various external parts label the various external parts	identify various breeds describing the characteristic of various breeds drawing the external parts of chicken labeling the various parts of the chicken	school farm photographs charts drawings from the students books	KLB secondary Agriculture form 1 pg 171-174 Certificate Secondary Agriculture F1 pg 143-145 Longhorn secondary Agriculture form 1 pg 178-182 Teachers guide pg 73-77 Gateway Agriculture revision paper 1 page 6-7 Top mark Agriculture page 77	
8	1	Livestock breeds	Rabbit breed Characteristics drawings	By the end of the lesson, the learner should be able to Identify various breeds Describe their characteristics Draw and label the external	Identifying various breeds Describing their characteristics Drawing the external parts of rabbit	Photographs Charts Drawings in the students book School farm	KLB secondary Agriculture form 1 pg 182-184 Certificate Secondary Agriculture F1 pg 141-142	

				parts	Labeling the various parts		Longhorn secondary Agriculture form 1 pg 164-168 Teachers guide pg 73-77 Top mark Agriculture page 78
	<b>2-3</b>	Livestock breeds	Camels, donkeys breeds Characteristics drawings	By the end of the lesson, the learner should be able to Identify various breeds Describe characteristics Draw and label external parts of camels	Identifying various breeds Describing their characteristics Drawing external parts Labeling the various parts	Drawings in the students book School farm Charts photographs	KLB secondary Agriculture form 1 pg 185-186 Certificate Secondary Agriculture F1 pg 146-147 Longhorn secondary Agriculture form 1 pg 186 Teachers guide pg 73-77 Gateway Agriculture revision paper 1 page 10-11 Top mark Agriculture page 78
<b>9</b>	<b>1</b>	Livestock breeds	Terms used to describe livestock Age Sex Use	By the end of the lesson, the learner should be able to Explain the terms used to describe livestock	Explaining the various terms used to describe livestock	School farm Charts Photographs Drawing from the student book	KLB secondary Agriculture form 1 pg 164-165 Longhorn secondary Agriculture form 1 pg 164-168 Teachers guide pg 73-77

	<b>2-3</b>	Agriculture Economics	Economics Definition Agricultural economics	By the end of the lesson, the learner should be able to Define economics Define agricultural economics Explain the factors of production	Defining economics Explaining the factors of production	Flow chart Students book	KLB secondary Agriculture form 1 pg 189 Certificate Secondary Agriculture F1 pg 149 Longhorn secondary Agriculture form 1 pg 190-191 Teachers guide pg 78-80	
<b>10</b>	<b>1</b>	Agricultural Economics	Basic concepts of economics principles Scarcity Opportunity cost Preference & choice	By the end of the lesson, the learner should be able to State basic concepts of economics Explain the basic concepts of economics	State basic concepts Explaining the basic concepts of economics	Students books Chalk board	KLB secondary Agriculture form 1 pg 189-190 Certificate Secondary Agriculture F1 pg 149-150 Longhorn secondary Agriculture form 1 pg 191-192 Teachers guide pg 78-80	
	<b>2-3</b>	Agricultural Economics	Farm records define Types of records importance	By the end of the lesson, the learner should be able to Define farm records Explain the uses of farm records Describe breeding and feeding records	Defining farm records Explaining uses of farm records Describing breeding and feeding records	Sample records School farm Sample records in students book	KLB secondary Agriculture form 1 pg 190-191,194-196 Certificate Secondary Agriculture F1 pg 150-156-158 Longhorn secondary Agriculture form 1 pg 193-196 Teachers guide pg 80-81	
<b>11</b>	<b>1</b>	Agricultural Economics	Farm records Production records Health records Field records	By the end of the lesson, the learner should be able to State the farm records Describing production health, field records	Stating farm records Describing production, health and field records	Diagrams on students book Charts chalkboard	KLB secondary Agriculture form 1 pg 193,197 Certificate Secondary Agriculture F1 pg 152-154 Longhorn secondary Agriculture form 1 pg 198-200	

							Teachers guide pg 80-81 Gateway Agriculture revision paper 1 page 1-4 Top mark Agriculture page 75	
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<b>12</b>	<b>END TERM THREE EXAMS</b>
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