**AGRICULTURE SCHEMES OF WORK**

**FORM THREE 2016**

**TERM I**

**EFERENCES:**

1. Longhorn Secondary Agriculture Book
2. Golden Tips KCSE Agriculture
3. Certificate Agriculture Book
4. KLB Top Mark Agriculture
5. KLB Secondary Agriculture
6. Teacher’s Guide

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| WK | LSN | **TOPIC** | **SUB-TOPIC** | **OBJECTIVES** | **L/ACTIVITIES** | **L/T AIDS** | **REFERENCE** | **REMARKS** |
| **1** | **1** | Livestock Production (III) selection | Reproduction and reproductive systems in cattle | By the end of the lesson, the learner should be able todescribe reproduction and reproductive systems in cattle | Describing reproduction and reproductive systems in cattledrawing reproductive systems in cattle | chartsdiagrams in students bookfarm animals | KLB secondary Agriculture form 3 pg 1-6Certificate Secondary Agriculture F2 pg 123-124 Longhorn secondary Agriculture form 3 pg 1-5Teachers guide pg 37-38Gateway Agriculture revision paper 2 page 21-23Top mark Agriculture page 91-92 |  |
|  | **2** | Livestock production (III) selection and Breeding | Reproduction and reproductive systems in poultry | By the end of the lesson, the leaner should be able toDescribe reproduction and reproductive systems in poultry | Describing reproduction and reproductive systems in poultryDrawing reproduction system in poultry | ChartsFarm animalsDiagrams in the students book | KLB secondary Agriculture form 3 pg 6-8Certificate Secondary Agriculture F2 pg 123-124 Longhorn secondary Agriculture form 3 pg 6-8Teachers guide pg 37-38Gateway Agriculture revision paper 2 page 23-24Top mark Agriculture page 92 |  |
|  | **3-4** | Livestock production selection and Breeding | Selection of dairy and beef cattle | By the end of the lesson, the learner should be able toDefine selectionDescribe selection of the breeding of stock in cattle | Defining selectionDescribing selection of the breeding stock in cattleDrawings in students book | Farm animalsDiagrams in the students bookcharts | KLB secondary Agriculture form 3 pg 8-9Certificate Secondary Agriculture F2 pg 123-124 Longhorn secondary Agriculture form 3 pg 8-10Teachers guide pg 38-39Gateway Agriculture revision paper 2 page 24Top mark Agriculture page 91-92 |  |
| **2** | **1** | Livestock selection and breeding | Selection of sheep and goats | By the end of the lesson, the learner should be able toDescribe selection of the breeding stock | Describing selection of the breeding stockNote takingAsking and answering questions | Farm animalsDiagrams in students bookcharts | KLB secondary Agriculture form 3 pg 8-9Certificate Secondary Agriculture F2 pg 123-124 Longhorn secondary Agriculture form 3 pg 11-12Teachers guide pg 37-38 |  |
|  | **2** |  | Selection of pigs and camels | By the end of the lesson, the learner should be able toDescribe selection of the breeding stock | Describing the breeding stockNote takingAsking and answering questions | Farm animalsDiagrams in the students book | KLB secondary Agriculture form 3 pg 1-6Certificate Secondary Agriculture F2 pg 123-124 Longhorn secondary Agriculture form 3 pg 1-5Teachers guide pg 37-38Gateway Agriculture revision paper 2 page 21-23Top mark Agriculture page 91-92 |  |
|  | **3-4** | Livestock section and breeding | Selection of breeding Methods of selection | By the end of the lesson, the learner should be able toState factors considered when selecting a breeding stockDescribe the methods in selectionDefine breedingExplaining the importance of breeding | Stating factors considered in selectionDescribing the various methods usedDefining breeding | ChartsChalkboardDiagrams on students bookFarm animals | KLB secondary Agriculture form 3 pg 11-16Certificate Secondary Agriculture F2 pg 123-124 Longhorn secondary Agriculture form 3 pg 15-16Teachers guide pg 38-39Gateway Agriculture revision paper 2 page 24Top mark Agriculture page 93 |  |

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| **3** | **1** |  | Breeding | By the end of the lesson, the learner should be able toExplain the terms used in breeding | Explaining the various terms | ChartsChalkboardFarm animals | KLB secondary Agriculture form 3 pg 16Longhorn secondary Agriculture form 3 pg 16-19Teachers guide pg 39-41Gateway Agriculture revision paper 2 page 24-25Top mark Agriculture page 93-94 |  |
|  | **2** | Livestock selection and breeding | Signs of heat in livestock cattle, pigs rabbits | By the end of the lesson, should be able toExplain the process of mating in cattle, pigs & rabbitsState signs of heat in cattle, pigs and rabbits | Explaining the process of matingStating signs of heat in pigs, rabbits and cattle | Farm animalsPhotographsStudents bookFarm  | KLB secondary Agriculture form 3 pg 16-19Longhorn secondary Agriculture form 3 pg 19-23Teachers guide pg 39-41Gateway Agriculture revision paper 2 page 25Top mark Agriculture page 94-95 |  |
|  | **3** |  | Breeding systems of breeding | By the end of the lesson, the learner should be able toState various systems of breedingExplain reasons for breeding systemsDescribe various | Stating various systems of breedingExplaining reasons for breedingDescribing various breeding systems | ChartsFarm animalsDiagrams in the students book | KLB secondary Agriculture form 3 pg 16-19Longhorn secondary Agriculture form 3 pg 19-23Teachers guide pg 39-41Gateway Agriculture revision paper 2 page 25Top mark Agriculture page 94-95 |  |
|  | **4** | Livestock selection and breeding | Methods of service in livestockNatural matingArtificial inseminationEmbryo transplant | By the end of the lesson, the leaner should be able toIdentify the various services in livestockDescribe the methods of services in livestockExplain the advantages & disadvantages of the methods | Identifying the various methods of servicesDescribing the methods of services in livestockDrawing diagramsExplaining the advantages & disadvantages | Farm animalsA.I techniciansDiagrams in the students book | KLB secondary Agriculture form 3 pg 20-23Longhorn secondary Agriculture form 3 pg 23-30Teachers guide pg 41-43 |  |
| **4** | **1** |  | Signs of parturition in livestockCowsSowsDoes  | By the end of the lesson, the learner should be able toState signs of parturition in cows, sows and does | Stating signs of parturitions in cows, sows and does | Coral, photographsA.I TechniciansStudents bookFarm animals | KLB secondary Agriculture form 3 pg 24-25Longhorn secondary Agriculture form 3 pg 41-43Teachers guide pg 39-41Gateway Agriculture revision paper 2 page 26-27Top mark Agriculture page 96-97 |  |
|  | **2** | Livestock productionLivestock rearing practices | RoutineLivestock rearing practices | By the end of the lesson, the learner should be able toDefine a routineExplain the routine practices in livestock rearingState the importance of each of the practice | Defining a routineExplaining the routine practicesStating the importance of each practice | Livestock structuresLivestock feedsAnimals farmLivestockStudent bookphotographs | KLB secondary Agriculture form 3 pg 27-31Longhorn secondary Agriculture form 3 pg 33-35Teachers guide pg 49-51Gateway Agriculture revision paper 2 page 28-29Top mark Agriculture page 98 |  |
|  | **3-4** | Livestock production (IV) | Parasite and disease control practices | By the end of the lesson, the learner should be able toState various methods of parasite and disease controlDescribe the various parasite and disease control practices | Stating the various control practicesDescribing various control practicesCarrying out the various control practices | Livestock drugsLivestock toolsPhotographsDiagrams on the students bookLivestock toolsStudents book | KLB secondary Agriculture form 3 pg 32-36Longhorn secondary Agriculture form 3 pg 35-39Teachers guide pg 49-51Gateway Agriculture revision paper 2 page 25Top mark Agriculture page 98-99 |  |
| **5** | **1** | Livestock production (IV) Livestock Rearing | Breeding practices | By the end of the lesson, the learner should be able toState the breeding practicesDescribe the various breeding practicesCarry out the various practices | Stating the breeding practicesDescribing the various breeding practicesCarrying out the various practices | Livestock drugsLivestock toolsPhotographsStudents bookDiagrams on the students bookLivestockLivestock farm | KLB secondary Agriculture form 3 pg 27-29Longhorn secondary Agriculture form 3 pg 49-51Teachers guide pg 49-51Gateway Agriculture revision paper 2 page 30-31Top mark Agriculture page 99 |  |
|  | **2** | Livestock Rearing practices | Identification De-breakingTooth clippingculling | By the end of the lesson, the learner should be able to Describe de-beaking tooth, clipping and cullingCarry out these practices | Describing de-beaking, tooth clipping and cullingCarrying out the practicesDrawing the diagrams showing the practices | LivestockLivestock drugsLivestock toolsStudents bookPhotographsDiagrams on the students book | KLB secondary Agriculture form 3 pg 41-48Longhorn secondary Agriculture form 3 pg 41-44Teachers guide pg 49-51Gateway Agriculture revision paper 2 page 25Top mark Agriculture page 99-100 |  |
|  | **3-4** |  | Dehorning, shearing, castration | By the end of the lesson, the learner should be able todescribe dehorning, shearing, castrationCarry out these practices | Describing dehorning, shearing castrationCarry out these practices | LivestockLivestock drugsLivestock toolsStudents bookPhotographs  | KLB secondary Agriculture form 3 pg 45-50Longhorn secondary Agriculture form 3 pg 41-44Teachers guide pg 49-51Gateway Agriculture revision paper 2 page 25Top mark Agriculture page 100 |  |
| **6** | **1** | Livestock rearing practices | Management of cows during parturition  | By the end of the lesson, the leaner should be able toDescribe the management of a cow parturition | Describing the management of a cow during parturitionDrawing diagrams | CowsPhotographsStudents bookVeterinary personnel | KLB secondary Agriculture form 3 pg 53Longhorn secondary Agriculture form 3 pg 50-54Teachers guide pg 49-51Access secondary Agriculture Revision page 170, 295Golden tips agriculture page 277 |  |
|  | **2** |  | Management of sows, nannies, does, ewes | By the end of the lesson, the learner should be able toDescribe the management, does & ewes during parturition | Describing the management of sows, nannies, does, ewes& during parturition |  | KLB secondary Agriculture form 3 pg 53-56Longhorn secondary Agriculture form 3 pg 54-56Teachers guide pg 49-51Gateway Agriculture revision paper 2 page 33-34Access secondary Agriculture Revision page 170, 295Golden tips agriculture page 175,295-296 |  |
|  | **3-4** | Bee- keeping | ImportanceBee colonySitting the a apiary  | By the end of the lesson, the learner should be able toState the importance of bee keepingDescribe the importance of bee keepingDescribe the bee conolonyExplain factors to consider when citing an apiary | Stating the importance of bee keepingDescribing the bee colonyExplaining factors to consider when citing an apiary | CombsBee hivesApiaryBee handling toolsbees | KLB secondary Agriculture form 3 pg 56-60Longhorn secondary Agriculture form 3 pg 51-52Teachers guide pg 49-51Gateway Agriculture revision paper 2 page 33-34Access secondary Agriculture Revision page 175-176 |  |
| **7** | **1** | Bee keeping | Types of bee hive stocking the bee hiveManagement of bees | By the end of the lesson, the learner should be able toState the various types of bee hivesDescribe the stocking of bee hive and management | Stating various types of bee hivesDescribing the stocking of a bee hive and management | BeehivesCombsApiaryBee handlingStudents bookProtective clothing | KLB secondary Agriculture form 3 pg 60-69Longhorn secondary Agriculture form 3 pg 59-62Teachers guide pg 51-52Gateway Agriculture revision paper 2 page 33-34Access secondary Agriculture Revision page 175-176Golden tips agriculture page 299-300 |  |
|  | **2** | Bee keeping | Importance of fish farming Types if fuse kept in farm ponds | By the end of the lesson, the learner should be able toDefine fish farming Explain the importance of fish farmingIdentifying the types of fish kept in the fish pond | Defining fish farmingExplaining the importance of fish farmingIdentifying the types of fish kept in pondDrawing diagrams | Fish netsFish speciesFish pondsDiagrams in the students bookFish food | KLB secondary Agriculture form 3 pg 70-73Longhorn secondary Agriculture form 3 pg 62-64Teachers guide pg 51-52Gateway Agriculture revision paper 2 page 36Access secondary Agriculture Revision page 175-176Golden tips agriculture page 301 |  |
|  | **3** | Fish Farming | Importance of fish farmingTypes of fish kept in farm ponds | By the end of the lesson, the learner should be able toDefine fish farmingExplain the importance of fish farmingIdentifying the types of fish kept in fish pond | Defining fish farmingExplaining the importance of fish farmingIdentifying the types of fish kept in fish pondDrawing diagrams | Fish netsFish speciesFish pondDiagrams in the students bookFish pond | KLB secondary Agriculture form 3 pg 73-77Longhorn secondary Agriculture form 3 pg 65-70Teachers guide pg 52-53Gateway Agriculture revision paper 2 page 36-37Access secondary Agriculture Revision page 177Golden tips agriculture page 301-302 |  |
| **7** | **4** | Fish Farming | ManagementFish farmingHarvesting and processing fish | By the end of the lesson, the learner should be able toDescribe fish managementExplain fish harvesting and processing fish | Describing fish managementExplaining fish harvesting and processing | Fish pondFish speciesFish netsStudents book | KLB secondary Agriculture form 3 pg 73-79Longhorn secondary Agriculture form 3 pg 65-70Teachers guide pg 52-53Gateway Agriculture revision paper 2 page 36-37Access secondary Agriculture Revision page 177Golden tips agriculture page 302-303 |  |
| **8** | **1** | Livestock Rearing Practices | Appropriate handling of livestock during routine management | By the end of the lesson, the learner should be able toDemonstrate a caring attitude towards livestock | Demonstrating a carrying attitude towards livestockDrawing diagrams | Diagrams from the student bookFarm animalsPhotographsLivestock handling tools | KLB secondary Agriculture form 3 pg 79-81Longhorn secondary Agriculture form 3 pg 70-75Teachers guide pg 53-54Gateway Agriculture revision paper 2 page 36-37Access secondary Agriculture Revision page 296Golden tips agriculture page 296 |  |
|  | **2** | Farm Structures | Farm buildings and structuresCiting parts of a buildingCite preparation | By the end of the lesson, the learner should be able toState factors considered when citing farm structuresDescribe parts of a building | Stating factors considered when citing farm structuresDescribing parts of a building | Farm buildingsDiagramsSchool farmStudent’s book | KLB secondary Agriculture form 3 pg 83-88Longhorn secondary Agriculture form 3 pg 77-80Teachers guide pg 59-60Gateway Agriculture revision paper 2 page 36-37Access secondary Agriculture Revision page 235Golden tips agriculture page 250 |  |
|  | **3-4** | Farm Structures | Livestock StructuresCrushes | By the end of the lesson, the learner should be able to:Identify materials used in constructionsState the maintenance of a crushExplain the uses of a crush | Identifying materials used n construction of crushStating the maintenance of a crushExplaining the various uses of a crush | CrushConstructional materialsStudent’s bookPhotographs | KLB secondary Agriculture form 3 pg93-94Longhorn secondary Agriculture form 3 pg 81-83Teachers guide pg 59-60Access secondary Agriculture Revision page 236Golden tips agriculture page 251-252 |  |
| **9** | **1** | Farm structures | Livestock Structures- Dips | By the end of the lesson, the learner should be able to:Identify materials used in construction of a dipState the maintenance of a dipExplain the uses of a dip*© Education Plus Agencies* | Identifying materials used in constructionsStating the maintenance of a dipExplaining the uses of the dipDrawing the structures | Dip construction materialsPhotographsDiagrams from the students book | KLB secondary Agriculture form 3 pg 95-96Longhorn secondary Agriculture form 3 pg 83-86Teachers guide pg 60-63Gateway Agriculture revision paper 2 page 36-37Access secondary Agriculture Revision page 236Golden tips agriculture page 252 |  |
|  | **2** | Farm structures | Livestock structuresSpray raceDairy shed | By the end of the lesson, the learner should be able toIdentify the constructional materials usedState the uses of these structures | Identifying materials used in constructionStating the uses of the structureDrawing the structures | Diagrams from the students bookPhotographsConstruction materialsSpray race and dairy shed | KLB secondary Agriculture form 3 pg 99-102Longhorn secondary Agriculture form 3 pg 86-90Teachers guide pg 60-63Gateway Agriculture revision paper 2 page 88Access secondary Agriculture Revision page 236Golden tips agriculture page 253-254 |  |
|  | **3-4** | Farm structures | Livestock structure Calf pensPoultry housesRabbits hutchesPig sty’s | By the end of the lesson, the learner should be able toName the construction materials usedState the uses of these structuresDescribe the construction of the materials | Naming the construction materialsStating the uses of the structuresDescribing the construction of the structures | Calf pensPoultry housesRabbit hutchesPig stysConstruction materialsPhotographsStudents bookDiagrams on the students book | KLB secondary Agriculture form 3 pg 194-114,115Longhorn secondary Agriculture form 3 pg 86-90Teachers guide pg 60-63Gateway Agriculture revision paper 2 page 88Golden tips agriculture page 254-257 |  |
| **10** | **1** | Farm Structures | Livestock structuresFish pondSilo  | By the end of the lesson, the learner should be able toIdentify the construction materials usedExplain the uses of these structures | Identifying the construction materialsExplaining the uses of these structures | PhotographsStudents bookConstructional materialsDiagrams in the students book | KLB secondary Agriculture form 3 pg 115, 123Longhorn secondary Agriculture form 3 pg 100-104Teachers guide pg 60-63Golden tips agriculture page 250 |  |
|  | **2** | Farm structures | Zero grazing unitBee hive | By the end of the lesson, the learner should be able toIdentify construction materials used State the uses of these structures | Identifying the construction materialsStating the uses of these structures | Zero grazing unitPhotographsStudents bookConstruction materialsbeehive | KLB secondary Agriculture form 3 pg 102-104Longhorn secondary Agriculture form 3 pg 103-106Teachers guide pg 60-63Gateway Agriculture revision paper 2 page 88Access secondary Agriculture Revision page 235Golden tips agriculture page 259-260 |  |
|  | **3-4** | Farm Structures | Farm Stores | By the end of the lesson, the learner should be able toIdentifying the construction materials usedState the uses of these structuresDescribe the process of constructing a farm store | Identifying the construction materialsStating the uses of these structuresDescribing the process of constructing a farm store | Diagrams in the students bookPhotographsFarm storeConstruction materials | KLB secondary Agriculture form 3 pg 121-122Longhorn secondary Agriculture form 3 pg 106-110Teachers guide pg 64Gateway Agriculture revision paper 2 page 89Golden tips agriculture page 260-261 |  |
| **11** | **1-2** | Farm structures | Fences | By the end of the lesson, the learner should be able toState the types of fencesIdentify the construction materials used | Stating types of fencesIdentifying the construction materials usedExplaining the uses of these structuresDrawing the fences | FencesConstruction materialsStudents bookPhotographsdiagrams | KLB secondary Agriculture form 3 pg 124-132Longhorn secondary Agriculture form 3 pg 110-117Teachers guide pg 65 |  |
|  | **3-4** | Farm structures | Green Houses | By the end of the lesson, the learner should be able to:State the construction materials usedDescribe the process of constructing green houseExplain the uses of these structures | Stating the construction materials Describing the process of constructing green houseExplaining the uses of the structures | Green housesConstruction materialsDiagrams from the students bookStudents bookphotographs | KLB secondary Agriculture form 3 pg 133-139Longhorn secondary Agriculture form 3 pg 128-121Teachers guide pg 66Gateway Agriculture revision paper 2 page 89Access secondary Agriculture Revision page 235Golden tips agriculture page 262 |  |
| **12 TOPICAL REVISION** |
| **13-14 END TERM EXAMINATIONS** |
| **15 CLOSING** |

**AGRICULTURE SCHEMES OF WORK**

**FORM THREE 2016**

**TERM II**

**REFERENCES:**

1. Longhorn Secondary Agriculture Book
2. Golden Tips KCSE Agriculture
3. Certificate Agriculture Book
4. KLB Top Mark Agriculture
5. KLB Secondary Agriculture
6. Teacher’s Guide

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| WK | LSN | **TOPIC** | **SUB-TOPIC** | **OBJECTIVES** | **L/ACTIVITIES** | **L/T AIDS** | **REFERENCE** | **REMARKS** |
| **1** | **1** | Agricultural Economics (III)Land tenure and reforms | Land tenure typesCollective tenure systems | By the end of the lesson, the learner should be able toDefine land tenureState the types of land tenureDescribe the collective tenure systems | Defining the term land tenureStating the types of land tenureDescribing the collective systems | ChartsStudents bookChalk board | KLB secondary Agriculture form 3 pg 140-141Longhorn secondary Agriculture form 3 pg 123-125Teachers guide pg 74Gateway Agriculture revision paper 2 page 98-99Access secondary Agriculture Revision page 120Golden tips agriculture page 125 |  |
|  | **2** |  | Individual Tenure System | By the end of the lesson, the learner should be able toState the types of individual tenure systemDescribe individual tenure systemsState advantages and disadvantages of this tenure system | Stating the individual tenure systemsDescribing individual tenure systemStating advantages and disadvantages of the system | Title deedsChartsStudents book | KLB secondary Agriculture form 3 pg 143-145Longhorn secondary Agriculture form 3 pg 123-125Teachers guide pg 74Gateway Agriculture revision paper 2 page 98-99Golden tips agriculture page 124 |  |
|  | **3-4** | Land tenure and reform | Land Reforms | By the end of the lesson, the learner should be able toDefine land reformsDescribe the various types of land reformsExplaining the various settlement schemes in Kenya | Defining land reformsDescribing various types of land reformsExplaining the various settlement scenes in Kenya  | Title deedsStudents bookChartsChalk board | KLB secondary Agriculture form 3 pg 148-157Longhorn secondary Agriculture form 3 pg 127-155Teachers guide pg 75-76Gateway Agriculture revision paper 2 page 99Access secondary Agriculture Revision page 120-121Golden tips agriculture page 125-126 |  |
| **2** | **1** | Soil and water conservation | Soil Erosion | By the end of the lesson, the earner should be able toDefine soil erosionExplain factors that influence soil erosion | Defining soil erosionExplaining factors that influence soil erosion | Excavated areasSchool farmPhotographsDiagrams on the students book | KLB secondary Agriculture form 3 pg 158-160Longhorn secondary Agriculture form 3 pg 137-138Teachers guide pg 80Gateway Agriculture revision paper 2 page 121Access secondary Agriculture Revision page 120-121Golden tips agriculture page 126 |  |
|  | **2** | Soil and Water Conservation | Soil Erosion | By the end of the lesson, the learner should be able toExplain the various agents of erosion | Explaining various agents | PhotographsSchool farmExcavated areasStudents book | Longhorn secondary Agriculture form 3 pg 15-16Teachers guide pg 38-39Gateway Agriculture revision paper 2 page 24Access secondary Agriculture Revision page 80Golden tips agriculture page 26 |  |
|  | **3-4** | Soil and Water Conservation | Soil Erosion | By the end of the lesson, the learner should be able toDescribe the various types of soil erosion | Describing the various types of erosion | PhotographsStudents bookSchool farmExcavated areasDiagrams in the students book | KLB secondary Agriculture form 3 pg 161-167Longhorn secondary Agriculture form 3 pg 139-141Teachers guide pg 80Gateway Agriculture revision paper 2 page 24Access secondary Agriculture Revision page 80-81Golden tips agriculture page 27 |  |
| **3** | **1** |  | River bank erosion | By the end of the lesson, the learner should be able toDefine river bank erosionExplain the effects of river bank erosionState the control measures | Defining riverbank erosionExplaining the effects of riverBank erosionStating control measures | PhotographsRiver bankDiagrams in the students bookcharts | KLB secondary Agriculture form 3 pg 167-168Access secondary Agriculture Revision page 87Golden tips agriculture page 27 |  |
|  | **2** |  | Mass wasting solifluction | By the end of the lesson, the learner should be able toDefine mass wasting Explain factors influencing mass wastingDescribing effects of mass wasting | Defining mass wastingExplaining factors influencing mass wastingDescribing effects of mass wasting | ChartsPhotographsDiagrams in the students book | KLB secondary Agriculture form 3 pg 168-173Access secondary Agriculture Revision page 87Golden tips agriculture page 27 |  |
|  | **3-4** | Soil and water conservation | Soil controlMeasuresBiological and cultural controlPhysical and structural control measures | By the end of the lesson, the learner should be able toDescribe the biological, cultural physical and structural controlMeasures on soil erosion | Describing the biological, cultural, physical and structural measures of controlling soil erosionDrawing diagrams | Mesh wirePolesQuarry chipsSchool farmPhotographsExcavated areasStudents bookGarden toolsDiagrams in the students book | KLB secondary Agriculture form 3 pg 173-186Longhorn secondary Agriculture form 3 pg 142-149Teachers guide pg 81Gateway Agriculture revision paper 2 page 122-124Access secondary Agriculture Revision page 81-83Golden tips agriculture page 28-30 |  |
| **4** | **1-2** | Soil and Water Conservation | Water Harvesting | By the end of the lesson, the leaner should be able toName methods used to harvest waterDescribe water harvesting and conservation techniquesExplain the micro catchment and their uses | Naming methods used to harvest waterDescribing water harvesting and conservationExplaining micro catchmentStating their uses | DamsTanksReservoirsWellsPhotographsSchool farmGarden toolsGutters Ponds  | KLB secondary Agriculture form 3 pg 187-191Longhorn secondary Agriculture form 3 pg 149-159Teachers guide pg 81-82Gateway Agriculture revision paper 2 page 124-125Access secondary Agriculture Revision page 83-85Golden tips agriculture page 30-31 |  |
|  | **3-4** | Weeds and weed control | WeedsDefinitionIdentificationclassification | By the end of the lesson, the learner should be able todefine a weedidentify the various weedsclassify the weeds in various groups | defining weedsobservationidentifying the weedsclassify the weeds | weed specimenschool farmphotographsstudents bookdiagrams in the students books | KLB secondary Agriculture form 3 pg 192-201Longhorn secondary Agriculture form 3 pg 161-164Teachers guide pg 87-88Gateway Agriculture revision paper 2 page 73-74Golden tips agriculture page 63-64 |  |
| **5** | **1-2** | Weeds and weed control | WeedsIdentificationclassification | By the end of the lesson, the learner should be able toidentify the various weedsclassify the various weeds | identifying the various weedsclassifying the various weeds | weed specimenschool farmphotographsdiagrams in the students book | KLB secondary Agriculture form 3 pg 193-200Longhorn secondary Agriculture form 3 pg 161-164Teachers guide pg 87-88Gateway Agriculture revision paper 2 page 73-74Access secondary agriculture page 89Golden tips agriculture page 63-64 |  |

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|  | **3-4** | Weeds and weed control | Weeds competitive abilities of weedsHarmful effects of weeds | By the end of the lesson, the learner should be able toIdentify the various weedsClassify the various weeds | Identify the various weedsClassifying the various weeds | Weed specimenSchool farmPhotographsDiagrams in students book | KLB secondary Agriculture form 3 pg 200-202Longhorn secondary Agriculture form 3 pg 159-161Teachers guide pg 87-88Gateway Agriculture revision paper 2 page 73-74Access secondary agriculture page 89-90Golden tips agriculture page 64-65 |  |
| **6** | **1** | Weeds and weed control | Weed control mechanical | By the end of the lesson, the learner should be able toDescribe mechanical weed control | Describing mechanical weed control | weed specimenschool farmphotographsdiagrams in the students bookgarden tools | KLB secondary Agriculture form 3 pg 209-210Longhorn secondary Agriculture form 3 pg 169-170Teachers guide pg 88-92Gateway Agriculture revision paper 2 page 76Golden tips agriculture page 64-65 |  |
|  | **2** |  | Cultural and biological control | By the end of the lesson, the learner should be able toDescribe biological and cultural weed control method | Describing the biological and cultural weed control methodNote taking Asking and answering questions | Garden toolsStudents bookPhotographsSchool farmFarm specimen | KLB secondary Agriculture form 3 pg 210-211Longhorn secondary Agriculture form 3 pg 178Teachers guide pg 93-95Gateway Agriculture revision paper 2 page 76Golden tips agriculture page 65 |  |
|  | **3-4** |  | Chemical and legislative weed control methods | By the end of the lesson, the learner should be able toExplain ways in which chemicals kill weedsState the classification of herbicidesExplaining factors affecting selectivity and effectiveness of herbicidesIdentifying the precautions in using chemicalsStating the advantages and disadvantages of herbicides | Explaining ways in which chemicals kill weedsStating the classifications of herbicidesExplaining factors affecting selectivity and effectiveness of herbicidesIdentifying the precautions in using chemicalsStating the advantages and disadvantages of herbicides | Garden toolsStudents bookPhotographsSchool farmWeed specimen | KLB secondary Agriculture form 3 pg 203-208Longhorn secondary Agriculture form 3 pg 170,172-175Teachers guide pg 88-92Gateway Agriculture revision paper 2 page 74Golden tips agriculture page 90Access secondary Agriculture page 65-66 |  |
| **7** | **1** | Crop pest and diseases | Crop Pests | By the of the end lesson, the learner should be able toDefine a pestExplain harmful effects of crop pests | Defining a pestExplaining the harmful effects of crop pestsAsking and answering questions | Students bookSpecimens of crop pestsCrops attackedPesticidesPhotographs  | KLB secondary Agriculture form 3 pg 213-214Longhorn secondary Agriculture form 3 pg 177-178Teachers guide pg 93-95Gateway Agriculture revision paper 2 page 76 |  |
|  | **2** |  | Crop Pests | By the end of the lesson, the learner should be able toClassify pests based on mode of feedingClassify pests based on crop part attacked | Classifying pests based on mode of feedingAsking and answering questions | Crops attacked specimens of crop pestsPhotographs of pestsStudents book | KLB secondary Agriculture form 3 pg 214Longhorn secondary Agriculture form 3 pg 177-178Teachers guide pg 93-95Gateway Agriculture revision paper 2 page 76Golden tips agriculture page 67Access secondary Agriculture page 97 |  |
|  | **3-4** |  | Crop Pests | By the end of the lesson, the learner should be able toClassify pest on the basis of stage of growth classification (scientific)Level of damage and place where they are found of habitat | Classify pestsAsking and answering questionsNote taking | Crops attackedSpecimen of crop pestsPhotographs of pestsStudents book | KLB secondary Agriculture form 3 pg 214-215Longhorn secondary Agriculture form 3 pg 177-178Teachers guide pg 93-95Gateway Agriculture revision paper 2 page 76Golden tips agriculture page 67Access secondary Agriculture page 97 |  |
| **8** | **1-2** | Crop pests and diseases | Crop pests Identification | By the end of the lesson, the learner should be able toidentify common pestsdescribe the various pests and the stage, part of the crop attacked | Identifying common pestsDescribing the various pests on the various basicsAsking and answering questionsNote making  | Diagrams in the students bookPhotographs of pests PesticidesCrops attackedSpecimens of crop pestsStudents book | KLB secondary Agriculture form 3 pg 215-226Longhorn secondary Agriculture form 3 pg 179-184Teachers guide pg 93-95Gateway Agriculture revision paper 2 page 77-79Golden tips agriculture page 67-69Access secondary Agriculture page 97-98 |  |
|  | **3-4** |  | Crop pestsidentification | By the end of the lesson, the learner should be able toidentify common pestsdescribe the various pests and the stage part of the crop attacked | Identifying common pestsDescribing the various pestsAsking and answering questionsNote making | Crops attackedSpecimens of crop pestsPhotographs of pestsPesticidesDiagrams in the students book | KLB secondary Agriculture form 3 pg 215-226Longhorn secondary Agriculture form 3 pg 179-184Teachers guide pg 93-95Gateway Agriculture revision paper 2 page 77-79Golden tips agriculture page 67-69 |  |
| **9** | **1** | Crop Pests and disease control | Crop pests | By the end of the lesson, the learner should be able toDescribe harmful effects of pestsIdentify pest control measures | Describing the effects of pestsIdentifying pests control measure | Students bookSpecimens of crop pestsCrops attackedPesticidesPhotographyPests  | KLB secondary Agriculture form 3 pg 213-226Longhorn secondary Agriculture form 3 pg 83-86Teachers guide pg 60-63Gateway Agriculture revision paper 2 page 88Golden tips agriculture page 70-75Access secondary Agriculture page 97-98 |  |
|  | **2** |  | Crop pests controlcultural | By the end of the lesson, the learner should be able toDescribe the cultural pest control measures | Describing the cultural pestControl measuresNote takingAsking and answering questions | Students bookCrops attackedPesticidesPhotographs of pestsSchool farmSpecimen of crop pests | KLB secondary Agriculture form 3 pg 228-230Longhorn secondary Agriculture form 3 pg 185-186Teachers guide pg 63-70Gateway Agriculture revision paper 2 page 79Golden tips agriculture page 71-72 |  |
|  | **3** | Crop pest and diseases | Crop pests | By the end of the lesson, the learner should be able toDescribe the mechanical pest control | Describing mechanical pest controlAsking and answering questionsNote taking | Students bookSpecimen of crop pestsCrops attackedPhotographs of pests | KLB secondary Agriculture form 3 pg 226-227Longhorn secondary Agriculture form 3 pg 186-188Teachers guide pg 95Gateway Agriculture revision paper 2 page 80Golden tips agriculture page 7 |  |
|  | **4** |  | Crop pests | By the end of the lesson, the learner should be able toDescribe the biological pest control | Describing biological pest controlAsking and answering questionsNote takingExplanations  | Photographs of pestsCrops attackedSpecimens of crop pests | KLB secondary Agriculture form 3 pg 232Longhorn secondary Agriculture form 3 pg 186-188Teachers guide pg 95Gateway Agriculture revision paper 2 page 88Golden tips agriculture page 73-74 |  |
| **10** | **1** |  | Crop pests | By the end of the lesson, the learner should be able toDescribe chemical methods of pest control | Describing the chemical methods of pest controlNote takingAsking and answering questions | Photographs of pestsCrops attackedSpecimens of crop pests | KLB secondary Agriculture form 3 pg 230-232Longhorn secondary Agriculture form 3 pg 188-190Teachers guide pg 95Gateway Agriculture revision paper 2 page 88 |  |
|  | **2** | Crop pests and disease | Crop diseases | By the end of the lesson, the learner should be able toDefine a plant diseaseClassify plant diseasesExplain harmful effects of crop diseases | Defining a plant diseasesClassifying plant diseasesExplaining the harmful effects of crop diseases | Students bookSpecimens of diseases cropsPhotographsFungicides  | KLB secondary Agriculture form 3 pg 233-236Longhorn secondary Agriculture form 3 pg 190-191Teachers guide pg 96-99Gateway Agriculture revision paper 2 page 88 |  |
|  | **3-4** | Crop pest and diseases | Crop diseases | By the end of the lesson, the learner should be able toIdentify common crop diseases | Identifying common crop diseasesAsking questions and answeringNote taking | Students bookSpecimens of diseased cropsPhotographsFungicides  | KLB secondary Agriculture form 3 pg 233-241Longhorn secondary Agriculture form 3 pg 191-197Teachers guide pg 96-99Gateway Agriculture revision paper 2 page 82-84 |  |
| **11** | **1-2** |  | Crop diseases | By the end of the lesson, the learner should be able toclassify plant diseases | Classifying plantDiseasesAsking and answering questionsExplanations  | Specimen of diseased cropsPhotographsFungicidesStudents bookDiagrams in the students books | KLB secondary Agriculture form 3 pg 233-238Longhorn secondary Agriculture form 3 pg 191-197Teachers guide pg 96-99Gateway Agriculture revision paper 2 page 82-84Golden tips agriculture page 74-77Access secondary Agriculture page 97-98 |  |
|  | **3-4** |  | Crop diseases | By the end of the lesson, the learner should be able toDescribe the disease control cropsCarry out crop diseases control | Describing the disease control in cropsCarrying out crop disease control | Students bookSpecimen of disease cropsPhotographs FungicidesDiagrams in the students book | KLB secondary Agriculture form 3 pg 239-240Longhorn secondary Agriculture form 3 pg 182-184Teachers guide pg 95Gateway Agriculture revision paper 2 page 84Golden tips agriculture page 77-78Access secondary Agriculture page 104-106 |  |
| **12** |  | **TOPICAL REVISION** |  |
| **13** |  | **END OF TERM EXAMS** |  |
| **14** |  |  |  |

**AGRICULTURE SCHEMES OF WORK**

**FORM THREE 2016**

**TERM III**

**REFERENCES:**

1. Longhorn Secondary Agriculture Book
2. Golden Tips KCSE Agriculture
3. Certificate Agriculture Book
4. KLB Top Mark Agriculture
5. KLB Secondary Agriculture
6. Teacher’s Guide

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| WK | LSN | **TOPIC** | **SUB-TOPIC** | **OBJECTIVES** | **L/ACTIVITIES** | **L/T AIDS** | **REFERENCE** | **REMARKS** |
| **1** | **1** | Crop Production (VI) | Production of maize | By the end of the lesson, the learner should be able toName hybrids, composites of maizeState the ecological requirement of maizeDescribe, field establishments, management and harvesting maize & marketing | Naming hybrids compositesStating the ecological requirementsDescribing management harvesting and field establishmentNote making Asking and answering questions | Garden toolsSamples of maizeSchool farms Student book | KLB secondary Agriculture form 3 pg 242-250Longhorn secondary Agriculture form 3 pg 200-202Teachers guide pg 101-102Gateway Agriculture revision paper 2 page 52,54,55Golden tips agriculture page 57-58 |  |
|  | **2** |  | Production of millet | By the end of the lesson, the learner should be able toName hybrids, composites and cutting of milletState the ecological requirement of milletDescribe field establishment, management, harvesting and marketing | Stating the ecological requirementsDescribing field establishment management harvesting and marketingNote making Asking and answering questionsNaming the hybrids, composites cultwas | Garden toolsSchool farmSample of milletDiagrams on the students bookcharts | KLB secondary Agriculture form 3 pg 250-255Longhorn secondary Agriculture form 3 pg 201-214Teachers guide pg 101-102Gateway Agriculture revision paper 2 page 56Golden tips agriculture page 82-84Access secondary Agriculture page 58 |  |
|  | **3** |  | Production of sorghum | By the end of the lesson, the learner should be able toName composites, hybrids, cultivar of sorghumState the ecological requirements of sorghumDescribe the field establishment, management marketing and harvesting | Naming the hybrids, composite cultivarsStating the ecological requirement of sorghumDescribing the field establishment management, harvesting and marketingAsking and answering questions | Charts samples of sorghumGarden toolsDiagrams on the students book | KLB secondary Agriculture form 3 pg 250-255Longhorn secondary Agriculture form 3 pg 201-204Teachers guide pg 101-102Gateway Agriculture revision paper 2 page 56Golden tips agriculture page 84-85Access secondary Agriculture page 59-60 |  |
|  | **4** | Production Crop | Production of Beans | By the end of the lesson, the learner should be able toState the varieties of beans grownDescribe the varieties of beans grownExplaining the ecological requirements of maizeDescribe field establishment management and harvesting marketing | Stating the varietiesExplaining the ecological requirements of maizeDescribing field establishment, harvesting and marketingNote makingAsking and answering questions | School farmGarden toolsSeed samplesStudents book | KLB secondary Agriculture form 3 pg 250-255Longhorn secondary Agriculture form 3 pg 214-215Teachers guide pg 101-102Gateway Agriculture revision paper 2 page 56-58Golden tips agriculture page 85-87Access secondary Agriculture page 59-60 |  |
| **2** | **1-2** | Crop production | Gross Margin of Crop enterprises | By the end of the lesson, the learner should be able toCompare and contrast the gross margin of maize/millet, sorghum and beans | Comparing and contrasting gross margins of maize, millet, sorghum and beans | ChartsReceiptsTablesChairFarm recordsStudents book | KLB secondary Agriculture form 3 pg 243-268Longhorn secondary Agriculture form 3 pg 218-219Teachers guide pg 101-102Gateway Agriculture revision paper 2 page 56-58Golden tips agriculture page 85-87,79-90Access secondary Agriculture page 57-63 |  |
|  | **3-4** | Crop production | Harvesting of cotton, sugarcane, pyrethrum | By the end of the lesson, the learner should be able todescribe the harvesting of cotton, pyrethrum and sugarcane  | describing the harvesting of cotton, pyrethrum and sugarcane | photographsdiagrams in the students bookschool farmfarm harvesting tools | KLB secondary Agriculture form 3 pg 263-264Longhorn secondary Agriculture form 3 pg 221-224Teachers guide pg 102-103Gateway Agriculture revision paper 2 page 58-59Golden tips agriculture page 85-87,79-90Access secondary Agriculture page 57-63 |  |
| **3** | **1** | Crop Production | Harvesting of cotton, sugarcane, pyrethrum | By the end of the lesson, the learner should be able toDescribe the harvesting of cotton, pyrethrum and sugar cane | Describing the harvesting of cotton, pyrethrum and sugarcane | PhotographsDiagrams in the students bookSchool farm Farm harvesting tools | KLB secondary Agriculture form 3 pg 264-266Longhorn secondary Agriculture form 3 pg 224-226Teachers guide pg 103-105Gateway Agriculture revision paper 2 page 59 |  |
|  | **2** | Crop production | Harvesting of tea and coffee | By the end of the lesson, the learner should be able toDescribe the harvesting of tea and coffee | Describing the harvesting of tea and coffee | Diagrams in the students bookPhotographsHarvesting tools Charts  | KLB secondary Agriculture form 3 pg 226-268Longhorn secondary Agriculture form 3 pg 226-228Teachers guide pg 103-105Gateway Agriculture revision paper 2 page 59-60Golden tips agriculture page 88-89 |  |
|  | **3-4** | Crops forage | Pastures classifications | By the end of the lesson, the learner should be able toDefine pastures and forage cropsClassify pastures | Defining pastures and forage cropsClassifying pastures & forage | Students bookSpecimens of pasturesPhotographs of forage crops charts | KLB secondary Agriculture form 3 pg 269-272Longhorn secondary Agriculture form 3 pg 230-234Teachers guide pg 106-107Gateway Agriculture revision paper 2 page 59-60Golden tips agriculture page 108Access secondary revision page 72 |  |
| **4** | **1** |  | Pastures establishment management | By the end of the lesson, the learner should be able toDescribe pasture establishmentDescribe pasture management | Describing pasture establishmentDescribing pasture management note taking | Specimens of pasturesPhotographs of forage cropsGarden tools | KLB secondary Agriculture form 3 pg 272-276Longhorn secondary Agriculture form 3 pg 234-236Teachers guide pg 106-107Golden tips agriculture page 109Access secondary revision page 72 |  |
|  | **2** |  | Pastures utilizations | By the end of the lesson, the learner should be able toDescribe various methods of pasture utilization | Describing various methods of pasturesUtilizationAsking and answering questions | Specimens of pasturesPhotographs of forage cropsStudents book | KLB secondary Agriculture form 3 pg 277-280Longhorn secondary Agriculture form 3 pg 326-340Teachers guide pg 107Gateway Agriculture revision paper 2 page 59-60Golden tips agriculture page 109 |  |
|  | **3** | Forage Crops | Grazing methods | By the end of the lesson, the learner should be able toExplain the two grazing methodsState the advantages and disadvantages of each | Explaining the two grazing methodsStating the advantages and disadvantages of each | Diagrams in the students bookPhotographscharts | KLB secondary Agriculture form 3 pg 280-283Gateway Agriculture revision paper 2 page 59-60Access secondary agriculture page 73-74Golden tips agriculture page 110-111 |  |
|  | **4** |  | Folder cropsNapier grass | By the end of the lesson, the learner should be able toState the ecological requirements of Napier grassDescribe the field establishment, management and utilization | Describing the field production of Napier grass | Samples of folder cropSchool farm PhotographsChartsStudents book | KLB secondary Agriculture form 3 pg 283-287Longhorn secondary Agriculture form 3 pg 241-242Teachers guide pg 107Gateway Agriculture revision paper 2 page 88Access secondary revision page 94 |  |
| **5** | **1** | Forage crops | SorghumGuatemala grass | By the end of the lesson, the learner should be able toDescribe the production of Guatemala grass under ecological requirements, establishment, management and utilizationDescribe the production of sorghum under ecological requirements establishment, management and utilization | Describing the field production of sorghum and Guatemala grass | Students bookSpecimens of fodder cropsPhotographs of forage cropsSchool farm | KLB secondary Agriculture form 3 pg 269-272Longhorn secondary Agriculture form 3 pg 242-244Teachers guide pg 108Gateway Agriculture revision paper 2 page 89 |  |
|  | **2** |  | KalesEdibleCanaa | By the end of the lesson, the learner should be able todescribe the production of kales under ecological requirements | ExplanationsNote taking  | School farm Photographs of folderSpecimen of fodder crops | KLB secondary Agriculture form 3 pg 291-292Longhorn secondary Agriculture form 3 pg 244-245Teachers guide pg 108Gateway Agriculture revision paper 2 page 89-90Golden tips agriculture page 108Access secondary revision page 75-76 |  |
|  | **3-4** |  | Fodder cropsLucerneKenya white clover | By the of the end of the lesson, the learner should be able toDescribe the production of Lucerne under ecological requirements, establishment and utilizationDescribe the production of Kenya white clover under ecological, requirement establishment, management and utilization | Describing the production of Lucerne, Kenya white cloverNote makingAsking and answering questions | Students bookSpecimens of Fodder cropsPhotographs of Forage crops | KLB secondary Agriculture form 3 pg 269-272Longhorn secondary Agriculture form 3 pg 230-234Teachers guide pg 106-107Gateway Agriculture revision paper 2 page 59-60Golden tips agriculture page 108Access secondary revision page 72 |  |
| **6** | **1** | Forage Crops | Fodder cropsDisodiumMarigold  | By the end of the lesson, the learner should be able toDescribe the production of disodium under ecological requirements establishment, management and utilizationDescribe the production of marigold under ecological requirements and utilization | Describing the field production of disodium and marigold | Students bookSpecimens of fodder cropsPhotographs of fodder cropsSchool farm | KLB secondary Agriculture form 3 pg 295-297Longhorn secondary Agriculture form 3 pg 247-248Teachers guide pg 108Golden tips agriculture page 112Access secondary revision page 77 |  |
|  | **2** | Forage Crops | Agroforestry | By the end of the lesson, the learner should be able toDescribe agroforestry under ecological requirement, management and utilization | Describing agro forestry tree/bushesAsking and answering questionsNote making | Student’s bookSpecimens of fodder cropsPhotographs of forage cropsSchool farm | KLB secondary Agriculture form 3 pg 297-299Longhorn secondary Agriculture form 3 pg 248-249Teachers guide pg 108Golden tips agriculture page 86,99 |  |
|  | **3-4** |  | Forage Conservation | By the end of the lesson, the learner should be able toDefine lay making Describe silage makingDescribe standing lay | Defining lay makingDescribing the making of lay silage and standing layAsking and answering questionsDrawing diagrams | Tools usedSchool farmSpecimens of laySilageSchool farmDiagrams in the students book | Longhorn secondary Agriculture form 3 pg 250-253Teachers guide pg 114-116Gateway Agriculture revision paper 2 page 66-67Golden tips agriculture page 112-113 |  |
| **7** | **1** | Health Livestock Diseases (III) | Terms used in livestock diseasesProtozoan diseasesE.C.F (East Coast Fever) | By the end of the lesson, the learner should be able toDefine terms used in livestock diseasesDescribe cause symptoms and control | Defining termsDescribing the East Coast FeverAsking and answering questionsNote making | School farmsPhotographs of animals with the diseaseDiagrams in the students book Cattle dip | KLB secondary Agriculture form 3 pg 308-312Longhorn secondary Agriculture form 3 pg 114-116Teachers guide pg 106-107Gateway Agriculture revision paper 2 page 66-67 |  |

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|  | **2** |  | Anaplasmosis  | By the end of the lesson, the learner should be able toDescribe the cause, symptoms and control of anaplasmosis | Describing anaplasmosis | School farmPhotograph of animal with the diseaseDiagrams in the students bookStudents book | KLB secondary Agriculture form 3 pg 312Longhorn secondary Agriculture form 3 pg 256-257Teachers guide pg 114-116Gateway Agriculture revision paper 2 page 66-67Golden tips agriculture page 316Access secondary revision page 204 |  |
|  | **3** | Livestock diseases | Protozoan diseasesCoccidiosis  | By the end of the lesson, the learner should be able toDescribe cause, symptoms and control of coccidiosisis  | Describing coccidiosisisNote makingAsking and answering questions | Photographs of animals with the diseaseSchool farmDiagrams in the students book | KLB secondary Agriculture form 3 pg 312-313Longhorn secondary Agriculture form 3 pg 257-258Teachers guide pg 114-116Gateway Agriculture revision paper 2 page 66-67Golden tips agriculture page 316Access secondary revision page 204 |  |
|  | **4** |  | Tryponosomiasis  | By the end of the lesson, the learner should be able toDescribe cause, symptoms and control of Trypanosomiasis | Describing trypanosomiasisNote takingAsking and answering questions | Photographs of animals with the diseaseSchool farmDiagrams in the students book | KLB secondary Agriculture form 3 pg 314Longhorn secondary Agriculture form 3 pg 257-258Teachers guide pg 114-116Gateway Agriculture revision paper 2 page 66-67Golden tips agriculture page 317Access secondary revision page 204-205 |  |
| **8** | **1** |  | Bacteria diseases Fowl typhoid | By the end of the lesson, the learner should be able toDescribe cause, symptoms and control of fowl typhoid | Describing fowl typhoidNote makingAnswering and asking questions | Farm Photographs of the affected animalsDiagrams in the students booksSchool farm | KLB secondary Agriculture form 3 pg 317-318Longhorn secondary Agriculture form 3 pg 259-260Teachers guide pg 116-117Gateway Agriculture revision paper 2 page 67-71 |  |
|  | **2** |  | Foot rot | By the end of the lesson, the learner should be able toDescribe cause, symptoms and control of foot rot | Describing foot rotDiseaseNote makingAsking and answering questions | School farmStudents bookPhotographs of animal affectedDiagrams in the students book | KLB secondary Agriculture form 3 pg 318-319Longhorn secondary Agriculture form 3 pg 260-261Teachers guide pg 116-117Gateway Agriculture revision paper 2 page 67-71Access secondary revision page 205-206 |  |
|  | **3** | Livestock Health (III) diseases | Bacterial diseasesContagious abortion | By the end of the lesson, the learner should be able toDescribe the causes, symptoms and control of contagious abortion | Describing contagious abortionNote making | Photographs of affected students bookFarm (Livestock)School farmDiagrams in the students book | KLB secondary Agriculture form 3 pg 319-320Longhorn secondary Agriculture form 3 pg 261-262Teachers guide pg 116-117Gateway Agriculture revision paper 2 page 67-71Access secondary revision page 206 |  |
|  | **4** |  | scours | By the end of the lesson, the learner should be able toDescribe the causes, symptoms and the control of scours | Describing scoursNote takingAsking and answering questions | Photographs of animals with the diseaseStudents bookFarm (Livestock)Diagrams in the students book | KLB secondary Agriculture form 3 pg 320-321Longhorn secondary Agriculture form 3 pg 261-262Teachers guide pg 116-117Gateway Agriculture revision paper 2 page 314Access secondary revision page 206-207 |  |
| **9** | **1** |  | Bacterial Black quarterMastitis | By the end of the lesson, the learner should be able toDescribe the cause, symptoms and control of mastitisDescribe the cause, symptoms and control of black quarter | Describing the mastitisDescribing the black quarterNote makingdrawings | school farm diagrams in the students bookPhotographs of affected animalsStudents book | KLB secondary Agriculture form 3 pg 321-322,315-317Longhorn secondary Agriculture form 3 pg 263-264Teachers guide pg 116-117Golden tips agriculture page 314Access secondary revision page 207 |  |
|  | **2** |  | Anthrax Pneumonia  | By the end of the lesson, the learner should be able toDescribe cause, symptoms and control of anthraxDescribe cause, symptoms and control of pneumonia | Describing the AnthraxDescribing the pneumoniaAsking and answering questions | Photographs of animal with the diseaseSchool farmLivestock farmDiagrams on the students books | KLB secondary Agriculture form 3 pg 312Longhorn secondary Agriculture form 3 pg 256-257Teachers guide pg 116-117Gateway Agriculture revision paper 2 page 67-71Golden tips agriculture page 314Access secondary revision page 208-209 |  |
|  | **3-4** | Livestock Diseases | Viral DiseasesFoot & MouthRinderpest | By the end of the lesson, the learner should be able toDescribe cause, symptom and control of foot and mouthDescribe cause, symptom and control of Rinderpest | Describing foot and mouth and RinderpestAsking and answering questionsNote making | Photographs of the animal with the diseaseStudents bookChalk boardSchool farmLivestock farmDiagrams in the students bookCharts  | KLB secondary Agriculture form 3 pg 325-326Longhorn secondary Agriculture form 3 pg 267-269Teachers guide pg 116-117Gateway Agriculture revision paper 2 page 71-74Access secondary revision page 209-210 |  |

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| **10** | **1** |  | New castle | By the end of the lesson, the learner should be able toDescribe cause, symptoms and control a new castle | Describing new castleAsking and answering questions | Photographs of animal with the diseaseSchool farmLivestock farmDiagrams in the students book | KLB secondary Agriculture form 3 pg 326-327Longhorn secondary Agriculture form 3 pg 269-270Teachers guide pg 117-118Gateway Agriculture revision paper 2 page 71-74Golden tips agriculture page 316Access secondary revision page 210 |  |
|  | **2** |  | Fowl Pox | By the end of the lesson, the learner should be able toDescribe cause, symptoms and control of fowl pox | Describing fowl pox diseaseAsking and answering questions | Livestock farmSchool farmsStudents bookPhotographs of the affected animal | KLB secondary Agriculture form 3 pg 327-329Longhorn secondary Agriculture form 3 pg 269-270Teachers guide pg 117-118Golden tips agriculture page 315Access secondary revision page 211 |  |
|  | **3** |  | Gumboro | By the end of the lesson, the learner should be able toDescribe cause, symptoms and control of Gumboro | Describing GumboroAsking and answering questionsNote making | Photograph of affected animalLivestock farmSchool farmStudents book | KLB secondary Agriculture form 3 pg 329Longhorn secondary Agriculture form 3 pg 271-272Teachers guide pg 117-118Golden tips agriculture page 315Access secondary revision page 211 |  |
|  | **4** | Livestock Diseases | African Swine Fever | By the end of the lesson, the learner should be able toDescribe cause, symptom and control of African Swine Fever | Describing African Swine FeverNote takingAsking and answering questions | Photograph of animals with the diseaseDiagrams in the students bookSchool farmLivestock farm | KLB secondary Agriculture form 3 pg 330-332Longhorn secondary Agriculture form 3 pg 272-273Teachers guide pg 118-119Gateway Agriculture revision paper 2 page 66-67Golden tips agriculture page 317Access secondary revision page 212 |  |
| **11** | **1** |  | Nutritional disordersMilk fever | By the end of the lesson, the learner should be able toDescribe causes, symptoms and control, treatment of milk fever | Describing milk feverNote makingAsking and answering questions | Photographs of animals with the diseaseDiagrams in the students bookSchool farmLivestock farm | KLB secondary Agriculture form 3 pg 330-332Longhorn secondary Agriculture form 3 pg 272-273Teachers guide pg 118-119Gateway Agriculture revision paper 2 page 66-67Golden tips agriculture page 317Access secondary revision page 212 |  |
|  | **2** |  | Bloat | By the end of the lesson, the learner should be able toDescribe the cause, symptom and the control of bloat | Describing bloat diseasesDrawing the process of control using surgical meansAsking and answering questions | Troca and canularPhotographs of the animals with the diseaseDiagrams in the students bookSchool farm | KLB secondary Agriculture form 3 pg 332-333Longhorn secondary Agriculture form 3 pg 272-273Teachers guide pg 118-119Gateway Agriculture revision paper 2 page 66-67Golden tips agriculture page 317Access secondary revision page 212 |  |
| **12 EXAMINATION** |