Dennis

SCHEME OF WORK AGRICULTURE FORM 3 2022

TERM I ENDARASHA BOYS

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| **WK** | **LSN** | **TOPIC** | **SUB-TOPIC** | **OBJECTIVES** | **T/L ACTIVITIES** | **T/L AIDS** | **REFERENCE** | **REMARKS** |
| **2** | 1 | LIVESTOCK PRODUCTION I | Reproduction Male reproductive system. | By the end of the lesson, the learner should be able to:  Define terms related to reproduction.  Identify parts of the reproductive system of a bull. | Exposition of new terms such as hatcheries, broodiness, and incubation.  Discussion.  Drawing and labeling of reproductive system of a bull.  Brief discussion. | KLB book  Chart- reproductive system of a bull. | KLB BK III  Pg 1 |  |
| 2 | LIVESTOCK PRODUCTION I | Female reproductive | By the end of the lesson, the learner should be able to:  Identify parts of the reproductive system of a cow. | Drawing and labeling of reproductive system of a cow.  Brief discussion. | Chart -reproductive system of a cow. | KLB BK III  Pgs 4-5 |  |
| 3 | LIVESTOCK PRODUCTION I | Pregnancy, parturition and birth. | By the end of the lesson, the learner should be able to:  Define gestation period. Identify signs of parturition.  Identify proper presentation at birth. | Probing questions; Discussion; Exposition. | chart | KLB BK III  Pgs 5-6 |  |
| 4 | LIVESTOCK PRODUCTION I | Reproductive system in poultry.  Breeding stock. | By the end of the lesson, the learner should be able to:  Identify parts of the reproductive system of a hen.  State functions of parts of reproductive system of a hen.  State factors considered when selecting a breeding stock. | Drawing and labeling of reproductive system of a hen.  Brief discussion. Probing questions; Discussion; Exposition. | Chart -reproductive system of a hen. | KLB BK III  Pgs 6-8 |  |
| **3** | 1 | LIVESTOCK PRODUCTION I | Methods of selecting breeding stock. | By the end of the lesson, the learner should be able to:  Identify methods of selecting breeding stock. | Exposition; Brief discussion. | text book | KLB BK III Pgs 11-12 |  |
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|  | 2 | LIVESTOCK PRODUCTION I | Breeding. | By the end of the lesson, the learner should be able to:  Give reasons for breeding.  Define terms related to breeding. | Probing questions; Exposition of new concepts. | text book | KLB BK III Pgs 12-16 |  |
| 3 | LIVESTOCK PRODUCTION I | Breeding systems Inbreeding. Outbreeding. | By the end of the lesson, the learner should be able to:  Give reasons for inbreeding.  State advantages and disadvantages of inbreeding.  Give reasons for outbreeding.  State advantages and disadvantages of outbreeding. | Probing questions; Exposition of new concepts.  Exposition of new concepts; Discussion. | text book | KLB BK III Pgs 17-18 |  |
| 4 | LIVESTOCK PRODUCTION I | Signs of heat in livestock. | By the end of the lesson, the learner should be able to:  Identify signs of heat in cattle, pigs and rabbits. | Brain storming; Brief discussion. | education trip | KLB BK III Pgs 19-20 |  |
| **4** | 1 | LIVESTOCK PRODUCTION I | Natural mating and artificial insemination. | By the end of the lesson, the learner should be able to:  State advantages and disadvantages of natural mating.  State advantages and disadvantages of artificial insemination. | Discussion with questioning. | Chart artificial vagina. | KLB BK III Pgs 20-23 |  |
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|  | 2 | LIVESTOCK PRODUCTION I | Embryo transplant. Parturition. | By the end of the lesson, the learner should be able to:  State advantages and disadvantages of embryo transplant as a method of service.  Identify signs of parturition in cows, sows and does. | Exposition; Brief discussion. Brain storming; Brief discussion. Written exercise. | text book  animals about to give birth | KLB BK III Pgs 23-24 |  |
| 3 | LIVESTOCK REARING PRACTICES | Routine livestock rearing practices. Feeding. | By the end of the lesson, the learner should be able to:  Define flushing and steaming up.  Give reasons for flushing and steaming up. | Exposition of new concepts; Discussion. |  | KLB BK III Pgs 27-28 |  |
| 4 | LIVESTOCK REARING PRACTICES | Creep feeding. | By the end of the lesson, the learner should be able to:  Describe creep feeding of piglets, lambs, kids and kindlings. | Exposition of new concepts;  Probing questions; Discussion. | chart | KLB BK III Pgs 29-31 |  |
| **5** | MID TERM EXAMS AND BREAK | | | | | | | |
| **6** | 1 | LIVESTOCK REARING PRACTICES | Vaccination. Deworming & docking. | By the end of the lesson, the learner should be able to:  State properties of good vaccines.  Give examples of common vaccines. Explain reasons for deworming & docking. | Exposition of new concepts; Discussion.  Brain storming; Brief discussion. | a vaccine  Sample dewormers. | KLB BK III Pgs 32-33 |  |
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|  | 2 | LIVESTOCK REARING PRACTICES | Hoof trimming. | By the end of the lesson, the learner should be able to:  Give reasons for hoof trimming.  Identify tools used in hoof trimming. | Brain storming; Brief discussion. | Tools used in hoof trimming. | KLB BK III Pgs 36-38 |  |
| 3 | LIVESTOCK REARING PRACTICES | Dusting, dipping and spraying.  Breeding- related practices. | By the end of the lesson, the learner should be able to:  Give reasons for dusting, dipping and spraying.  Identify practices related to breeding. | Brief discussion with questioning.  Exposition of new concepts; Discussion. | cattle dip | KLB BK III Pgs 38-40 |  |
| 4 | LIVESTOCK REARING PRACTICES | Identification of livestock. | By the end of the lesson, the learner should be able to:  Give reasons for identifying animals. Outline various methods of identification. | Brain storming; Brief discussion. | Ear notching patterns. | KLB BK III Pgs 41-44 |  |
| **7** | 1 | LIVESTOCK REARING PRACTICES | Debeaking and tooth clipping. | By the end of the lesson, the learner should be able to:  Give reasons for debeaking and tooth clipping. | Q/A and brief discussion; Practical activities. | Debeaking and tooth clipping tools. | KLB BK III Pg 45 |  |
| 2 | LIVESTOCK REARING PRACTICES | Culling. Dehorning. | By the end of the lesson, the learner should be able to:  Give reasons for culling animals.  Cite basis of culling animals.  Identify methods of dehorning.  Identify tools used for dehorning. | Brain storming; Brief discussion. Q/A and brief discussion; Practical activities. | Dehorning tools. | KLB BK III Pgs 45-46 |  |
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|  | 3 | LIVESTOCK REARING PRACTICES | Castration & caponisation. | By the end of the lesson, the learner should be able to:  Give reasons for castrating animals. Outline methods of castration / caponisation. | Brain storming; Brief discussion; Practical activities. | Tools used in castration. | KLB BK III Pgs 49-52 |  |
| 4 | LIVESTOCK REARING PRACTICES | Management during parturition. | By the end of the lesson, the learner should be able to:  Outline management practices during parturition in cattle, sheep, goats, pigs and rabbits.  Identify signs of farrowing. | Brain storming; Exposition; Detailed discussion. | student book | KLB BK III Pgs 52-56 |  |
| **8** | 1 | LIVESTOCK REARING PRACTICES | BEE KEEPING  Importance of bee keeping. Bee colony. | By the end of the lesson, the learner should be able to:  Outline importance of bee keeping.  Identify members of a bee colony. | Brain storming; Detailed discussion. | different types of bees | KLB BK III Pgs 56-59 |  |
| 2 | LIVESTOCK REARING PRACTICES | Life cycle of a bee. Siting an apiary. | By the end of the lesson, the learner should be able to:  Describe the life cycle of a bee  State factors considered when siting an apiary. | Exposition, Probing questions, Brief discussion. | illustrative chart | KLB BK III Pgs 59-60 |  |
| 3 | LIVESTOCK REARING PRACTICES | Types of hives & stocking a hive. | By the end of the lesson, the learner should be able to:  Identify types of hives. Outline methods used to stock a hive. | Brief discussion with questioning. | K.T.B.H. | KLB BK III Pgs 60-65 |  |
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|  | 4 | LIVESTOCK REARING PRACTICES | Bee management. Swarming of bees. | By the end of the lesson, the learner should be able to:  Give reasons for feeding bees.  Identify pests and diseases and their control.  Cite reasons for swarming of bees. Identify proper practices for handling bees. | Brief discussion with questioning.  Brain storming; Discussion. | illustrative diagrams of pests  Protective gear. | KLB BK III Pgs 66-68 |  |
| **9** | 1 | LIVESTOCK REARING PRACTICES | Honey harvesting. Honey processing. | By the end of the lesson, the learner should be able to:  Describe honey harvesting process. Identify equipment for honey harvesting.  Outline methods of honey extraction. | Brief discussion; Teacher demonstration- extracting honey | Equipment for honey harvesting, & extraction.. | KLB BK III Pgs 70-72 |  |
| 2 | LIVESTOCK REARING PRACTICES | Honey harvesting. Honey processing. | By the end of the lesson, the learner should be able to:  Describe honey harvesting process. Identify equipment for honey harvesting.  Outline methods of honey extraction. | Brief discussion; Teacher demonstration- extracting honey | Equipment for honey harvesting, & extraction.. | KLB BK III Pgs 70-72 |  |
| 3 | LIVESTOCK REARING PRACTICES | FISH FARMING  Importance of fish.  Requirements for fish farming.  Stocking, feeding, cropping and harvesting. | By the end of the lesson, the learner should be able to:  Outline importance of fish keeping.  Identify requirements for fish farming.  Outline practices for stocking, feeding, cropping and harvesting of fish. | Brain storming; Discussion.  Brief discussion with probing questions. | Fish pond. | KLB BK III Pgs 72-73 |  |
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|  | 4 | FARM STRUCTURES | Planning and siting farm structures. | By the end of the lesson, the learner should be able to:  Explain factors considered when planning and siting farm structures. | Brain storming; Discussion. | farm structures | KLB BK III Pgs 83-84 |  |
| **10** | END OF TERM EXAMS | | | | | | | |

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