



ST. PETER'S COLLEGE GARAKU

Scheme of work for:

Term: 3rd, **Session:** 2019/2020, **Class:** SSS2, **Subject:** Agricultural Science

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WKS	TOPICS	CONTENTS	REFERENCE
1	Types and classification of farm animals	<ol style="list-style-type: none"> 1. Different types of farm animals – cow goat, fowl, sheep, rabbit etc. 2. Classification of farm animals according to: (i) habitat (ii) uses 	Comprehensive Certificate Agricultural Science for Senior Secondary School pg 261
2	Anatomy and physiology of farm animals	<ol style="list-style-type: none"> 1. Parts of farm animal e.g. fowls, goat, cow, fish etc. 2. Organs of farm animals – heart, liver, lungs etc. 3. Digestive, circulatory, respiratory systems 	Comprehensive Certificate Agricultural Science for Senior Secondary School pg 264
3	Animals reproduction	<ol style="list-style-type: none"> 1. Meaning of reproduction 2. Roles of hormones in reproduction of animals 3. Reproductive systems of animals mammals and poultry. 	Comprehensive Certificate Agricultural Science for Senior Secondary School pg 281
4	Environmental physiology	<ol style="list-style-type: none"> 1. Meaning of environmental physiology 2. Effects of changes in climate such as: (i) temperature (ii) relative humidity, (iii) light on: growth, reproduction, milk production, egg production etc. 	Comprehensive Certificate Agricultural Science for Senior Secondary School pg 292
5	Livestock management	<ol style="list-style-type: none"> 1. Meaning of livestock management 2. Requirements for livestock management 3. Importance of these management practices etc. 	Comprehensive Certificate Agricultural Science for Senior Secondary School pg 296
6	Animal nutrition	<ol style="list-style-type: none"> 1. Meaning of animal nutrition 2. Classification of feeds 3. Sources and functions of food nutrients 4. Types of ration / diet and their uses 5. Causes and symptoms of malnutrition and their corrections in farm animals 	Comprehensive Certificate Agricultural Science for Senior Secondary School pg 329
7	Range land management	<ol style="list-style-type: none"> 1. Meaning and importance of range / pasture to Livestock 2. Characteristics of range land 	Comprehensive Certificate Agricultural Science for

		3. Common grasses of Livestock in a range land 4. Methods range land and pasture improvement etc.	Senior Secondary School pg 339
8	Basic economic principles	Scarcity, choice, scale of preference, law of diminishing returns	Comprehensive Certificate Agricultural Science for Senior Secondary School pg 343
9	Factors of production	1. Factors of production – land, capital labour, management or entrepreneur	Comprehensive Certificate Agricultural Science for Senior Secondary School pg 348
10	Principles of demand	1. Definition of demand (ii) laws of demand (iii) factors affecting demand, movements along the demand curve	Comprehensive Certificate Agricultural Science for Senior Secondary School pg 353

References Text

1	Comprehensive Certificate Agricultural Science for Senior Secondary School by L.A Are, E.M. Igbokwe, C.L.A. Asadu, I.G.S. Bawa	
2	Essential Agricultural Science for Senior Secondary Schools by O.A. Iwena	
3	Spectrum Agricultural Science for Senior Secondary Schools Book 2 (new edition) by B.A. Adelekan and A.A. Taiwo	
4	Round – up Agricultural Science by S.O. Olailan, Omomia O. Austin	

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