



ST. PETER'S COLLEGE GARAKU

Scheme of work for:

Term: 3rd, **Session:** 2019/2020, **Class:** SSS1, **Subject:** Agricultural Science

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WKS	TOPICS	CONTENTS	REFERENCE
1	Simple farm tools	<ol style="list-style-type: none"> 1. Meaning of simple farm tools 2. Types of simple farm tools 3. Identification and description of each of the tools 4. Maintenance of simple farm tools 	Comprehensive Certificate Agricultural Science for Senior pg 88
2	Farm machinery and implements	<ol style="list-style-type: none"> 1. Recognition of different types of farm machines-tractor, shelters etc. 2. List and explain the uses of the different types of farm machines 	Comprehensive Certificate Agricultural Science for Senior pg 101
3	Major parts of tractor coupled implements and their functions	Tractors coupled implements – ploughs, harrows, ridges etc. and their uses	Comprehensive Certificate Agricultural Science for Senior pg 108
4	Maintenance practices and precautionary measures	<ol style="list-style-type: none"> 1. Reasons for maintaining farm machines 2. Routine maintenance practices of farm machinery. 	Comprehensive Certificate Agricultural Science for Senior pg 115
5	Problems of agricultural mechanization	<ol style="list-style-type: none"> 1. Meaning of agricultural mechanization 2. Mechanized agricultural operations 3. Advantages/disadvantages of agricultural mechanization etc. 	Comprehensive Certificate Agricultural Science for Senior pg 117
6	Sources of farm power	<ol style="list-style-type: none"> 1. Different sources of farm power 2. Advantages / disadvantages of each types of farm power 3. Operations requiring each type of the sources of farm power 	Comprehensive Certificate Agricultural Science for Senior pg 122
7	Classification of crops	Classification based on (a) uses (b) life cycle (c) morphology	Comprehensive Certificate Agricultural Science for Senior pg 130
8	Husbandry of cereals, legumes	Major husbandry practices of two crops at least from each group.	Comprehensive Certificate Agricultural Science for Senior pg 134 – 138
9	Husbandry of roots / tubers	Major husbandry practices of two crops at least from each group.	Comprehensive Certificate Agricultural Science for Senior pg 139 – 142

10	Posture and forage crops	(a) Meaning of pasture and forage crops (b) Uses of forage crops etc. (c) Types of pasture and characteristics of each types etc.	Comprehensive Certificate Agricultural Science for Senior pg 139 – 142
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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 1 (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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