

GOOD SHEPHERD CATHOLIC BOYS' SECONDARY SCHOOL, OYEDE.

THIRD TERM SCHEMES OF WORK AND HOLIDAY ASSIGNMENTS

CLASS: S. S. 2

CIVIC EDUCATION

WEEKS	TOPICS	CONTENTS
1	Inter-communal Relationship	i. Meaning ii. Levels of inter-communal relationship iii. Skills for resolving inter-communal relationship
2	Categories and characteristics of fundamental human rights	i. Categories of human right ii. Characteristics of human rights
3	Fighting political Apathy	i. Meaning of political apathy ii. Ways of fighting political apathy

ASSIGNMENTS:

1. Explain the term inter-communal relationship
2. List and explain the levels of inter-communal relationship
3. Mention 5 ways of fighting political apathy

GEOGRAPHY

WEEKS	TOPICS	CONTENTS
1	Mineral exploitation in Africa.(Copper, petroleum and Gold)	(i) Meaning of minerals. (ii) Methods of mining various minerals in Africa. (iii) Importance of the various minerals to Africa.
2.	Bush fallowing in West Africa.	(i) Meaning of bush fallowing .(ii) Importance of bush fallowing.(iii) Problems of bush fallowing in West Africa.
3.	International Economic Cooperation in West Africa (ECOWAS)	(I) Meaning of Ecowas. (II) Importance of Ecowas

ASSIGNMENTS:

- 1(a) Draw an outline map of Africa. On the map, locate and name
 - (i) One important country noted for the mining of each of Coal, diamond and gold.
 - (ii) Highlight four ways in which the minerals in (i) above are of economic importance to Africa.
- (b) Outline four problems associated with mining in Africa.
- 2.(a) Define the term Ecowas.
 - (b) Highlight on four achievements of Ecowas since inception.
 - (b) Outline three problems working against the achievement of the objectives of Ecowas.

GENERAL MATHEMATICS

WEEKS	TOPICS	CONTENTS
1	Probability	a. Probability scale b. Experimental probability c. Theoretical probability d. Probability of an event happening and not happening
2	Probability	a. Combined probability b. Independent events
3	Statistics	Measures of central tendency (a) Mean, median and mode of ungrouped data (b). mean median and mode of grouped data

ASSIGNMENTS:

1. A coin is tossed three times. What is the probability of getting (a) 2 heads and 1 tail (b) at least a head (c) at most a head
2. Two dices are thrown. What is the probability of the total being a prime number?
3. In a school, 4 out of 5 students have pens. If 2 students are picked at random, what is the probability that (a) both will have a pen (b) one has a pen and the other has not?
4. Find the mean, median and mode of the following distribution.

Class Interval	20-24	25-29	30-34	35-39	40-44
F	11	12	6	5	4

ECONOMICS

WEEKS	TOPICS	CONTENTS
1	Demand and Supply of labour.	(i) Labour market and labour force. (ii) Meaning of demand for labour and Supply of labour. (iii) The determinants.
2.	Theory of Consumer behaviour	(i) Meaning of utility, types of utility.

		(ii) The concept of total utility (TU). Average utility(AU) and marginal utility(MU) (iii) The law of marginal utility. (iv) Derivation of marginal utility from demand curve.
3.	Theory of Consumer behaviour.	(i) Utility maximization, consumer surplus. (ii) Indifference curve. (iii) Mathematical approach on utility.

ASSIGNMENTS:

1. What is labour market?
2. State five determinants of demand for labour.
3. State the law of marginal utility.

BIOLOGY

WEEKS	TOPICS	CONTENT
1	Pest and diseases of crops	Life cycle of pests
2	Pest and diseases of crops	Life cycle of pests
3	Pest and disease of crops	Diseases caused by fungi, virus and bacteria

ASSIGNMENTS:

1. State the 3 groups insects can be classified based on their mode of feeding
2. State two diseases each caused by (a) virus (b) bacteria (c) fungi
3. State 3 ways of controlling plant diseases
4. State 3 ways of controlling and preventing pest

FINANCIAL ACCOUNTING

WEEKS	TOPICS	CONTENTS
1.	Hire Purchase and Instalmental Payment	1. Define Hire Purchase 2. Acquisition
2.	Consignment Account	1. Define Consignor, Consignee and Consignment
3.	Books kept by the Consignee	1. Landed charges 2. Freight charges 3. Commission

ASSIGNMENTS:

1. What is Hire Purchase?
2. Who is a consignor?
3. What is a Consignment?

HOME MANAGEMENT

WEEKS	TOPICS	CONTENTS
1.	Kitchen Plan, Hygiene and Safety	1. Plan 2. Hygiene 3. Importance and Types
2.	Meal	1. Meaning 2. Preparation and serving of meal 3. Entertainment
3.	Consumer Education	1. Definition and Importance 2. Rights and Responsibilities of Consumer

ASSIGNMENTS:

1. List four rights of a Consumer
2. (i) What is a Market? (ii) Describe four types of Market
3. State any five guidelines for table setting

CHEMISTRY

WEEKS	TOPICS	CONTENTS
1	Sulphur and it's compound	1. Allotropy
2	Sulphur and it's compound	2. Allotropes of sulphur a. Physical properties b. Chemical properties c. Uses
3	Sulphur and it's compound	3. Hydrogen sulphide a. Laboratory preparation b. The kipp's apparatus c. Physical properties d. Chemical properties e. Test

ASSIGNMENTS:

- 1a. What is allotropy?
 - b. Name the allotropes of sulphur
 - c. State 3 physical properties of sulphur
 - d. State 3 chemical properties of sulphur
 - e. State 2 uses of sulphur
- 2a. H_2S is a gas. Show by calculation how many times H_2S is denser or less dense than air
 - b. Name the laboratory apparatus or equipments used for the intermittent production of gases in the laboratory
 - c. State 2 physical properties
 - d. State 2 chemical properties of hydrogen sulphide.

LITERATURE- IN-ENGLISH

WEEKS	TOPICS	CONTENTS
1	Introduction to Non – African Prose: Wuthering Heights by Emily Bronte. -	- Background - Setting Reading and in-depth analysis of page 1 – 20
2	African Prose: Wuthering Heights by Emily Bronte.	Reading and in-depth analysis of page 21 – 60
3	Non – African Prose: Wuthering Heights by Emily Bronte.	Reading and in-depth analysis of page 61 – 100

ASSIGNMENTS:

Read Wuthering Heights by Emily Bronte and answer the following questions:

1. State the chronological time setting of the prose and discuss the significance of the physical setting of the prose.
2. Comment on the significance of Lockwood first visit to Heathcliff.

FURTHER MATHEMATICS

WEEKS	TOPICS	CONTENTS
1 - 2	Equation of a circle	a. The circle. b. The equation of a circle of a given centre and radius. c. The general equation of a circle. d. Equation of a circle through the ends of a diameter. e. The intersection of a line and a circle f. Equation of a tangent to a circle. g. Equation of the normal to a circle. h. The point on a circle. i. The length of a tangent. j. Parametric equations of a circle.
3	Vector III	a. Cross product and laws of vector product. b. Simple application of the cross product.

ASSIGNMENTS:

1. Find the equation of a circle with centre (0,0) and radius 7
2. Find the centre and radii of the circle; $x^2 + y^2 - 6x - 8y + 5 = 0$

GOVERNMENT

WEEKS	TOPICS	CONTENTS
1	Nationalism in Nigeria	1. Meaning of nationalism 2. Origin of nationalism 3. Factors that encouraged nationalism
2	Pre-Independence Constitutions	The Clifford Constitution of 1922 1. Historical background 2. Features 3. Advantages and disadvantages
3	Pre-Independence Constitutions	The Richard Constitution of 1946 1. Historical origin 2. Aims and objectives 3. Achievements and weaknesses

ASSIGNMENTS:

1. Give **two** reasons why the Clifford constitution was significant in the political development of Nigeria.
2. [a] Define nationalism
[b] Identify **two** factors that encouraged nationalism in Nigeria.

PHYSICS

WEEKS	TOPICS	CONTENTS
1.	Reflection of Light Waves	Reflection of light at plane mirror surface and curved mirror surface Formation of image by plane mirrors and curved mirrors
2.	Reflection of Light Waves	Laws of reflection Parabolic mirrors
3.	Refraction of Light Waves	Refraction of light through: – Rectangular glass blocks – Triangular prism Laws of refraction

ASSIGNMENTS:

1. Converging lens forms a real image of real object. If the magnification is 2 and the distance between the image and the object is 90.0cm, determine the:
 - i. Focal length of the lens
 - ii. Object distance for which the image would be the same size as the object.
- 2(a) On which day, would sound waves travels faster: On a hot or cold day? Explain.
(b) Why are megaphones shaped like funnels?

- (c) i. A sonometer wire has a frequency of 259Hz. It is sounded alongside a tuning fork of frequency 256Hz. Calculate the beat frequency
- (c) ii. The sonometer wire in 2© (i) above is under tension of 1200N. If a metre of the wire has a mass of 0.03kg, calculate the length of the wire when it is vibrating in the fundamental node.

CHRISTIAN RELIGIOUS STUDIES

WEEKS	TOPICS	CONTENTS
1	on the supremacy of God	
2	Religious Reforms	Prevalent religious evils at the time of Josiah Josiah's religious reforms.
3.	Concern for one's nation	Condition of the nation of Judah and Jerusalem. Events that led to the first exile.

ASSIGNMENTS:

- 1 (a). What is temptation?
(b). List 10 temptations or the works of the flesh (Gal. 5:19-21)
2. What is parable? List the various parables illustrating God's love & parables illustrating concern for one another.
3. List some problems that faced the early church. Enumerate some factors which could cause conflict or friction among Christians.

AGRICULTURAL SCIENCE

WEEKS	TOPICS	CONTENTS
1.	Environmental Physiology	<ol style="list-style-type: none"> 1. Meaning of environmental physiology 2. Effects of changes in climate such as <ol style="list-style-type: none"> i. Temperature ii. Relative humidity iii. Light on <ul style="list-style-type: none"> • Growth • Reproduction • Milk production • Egg production
2.	Livestock Management	<ol style="list-style-type: none"> 1. Meaning of livestock management 2. Requirement for livestock management <ul style="list-style-type: none"> • Disease control • Housing • Feeding • Hygiene e.t.c.

		3. Importance of these management practices 4. Livestock production project
3.	Animal Nutrition	1. Meaning of animal nutrition 2. Characteristics of feeds <ul style="list-style-type: none"> • Basal/energy feeds or carbohydrate • Protein concentrates • Mineral/vitamin supplements

ASSIGNMENTS:

1. Explain the meaning of environmental physiology.
2. State five (5) effects of changes in climatic on reproduction.
3. Highlight five (5) effects of sunlight in livestock production.

ANIMAL HUSBANDRY

WEEKS	TOPICS	CONTENTS
1.	Pasture Management Practices III	1. Common grasses and legumes of pastures 2. Characteristics of the legumes and grasses
2.	Pasture Management Practices IV	Factor affecting distribution and productivity of pasture ___ climate ___ soil ___ biotic ___ stocking rate ___ management procedures etc
3.	Pasture Management Practice V	1. Steps in establishment of pasture Clearing of site Cut back the site Cultivate Weed etc 2. Problem associated with pasture production Prolong seed emergence Prolong flowering etc.

ASSIGNMENTS:

1. List and explain ten factors affecting productivity of pastures
2. Highlight five benefits of controlling grazing of pastures

ENGLISH LANGUAGE

WEEKS	TOPICS	CONTENTS
1.	<ul style="list-style-type: none"> i. Speech: / m / and /n/ ii. Argumentative essay iii. Grammatical structure 	<ul style="list-style-type: none"> i. Mode of pronunciation and identification ii. Debate iii. Collocation
2.	<ul style="list-style-type: none"> i. Speech ii. Argumentative essay iii. Grammatical structure iv. Summary 	<ul style="list-style-type: none"> i. / ei / and / əu /- Mode of pronunciation and identification ii. Debate iii. Concord iv. Explanation and class work
3	<ul style="list-style-type: none"> i. Speech ii. Speech iii. Grammatical structure iv. Comprehension 	<ul style="list-style-type: none"> i. / t / and / d/- past tense marker ii. / t / and / d/- past tense marker iii. General rules of concord iv. Explanation and class work

ASSIGNMENT:

In **not** less than 450 words, write your motion for or against the topic: NIGERIA IS BETTER NOW THAN EVER.

