

SCHEME OF WORK

Junior Secondary

SCHEME OF WORK FOR PHE JSS 1

1ST TERM

1. Definition, nature, scope and objectives of physical education
2. Physical fitness and body conditioning programmes
3. Recreation, leisure and dance activities
4. Athletics

2ND TERM

1. Shot put
2. Ball games (soccer)
3. Volley Ball

3RD TERM

1. Contact and no-contact sports
2. Personal school and community health
3. Sewage and refuse disposal
4. Source of water
5. Food nutrition and health
6. Pathogens diseases and their prevention

SCHEME OF WORK FOR PHE JSS 2

1ST TERM

1. Sports and Society
2. Human Trafficking
3. Sports Laws
4. Careers and branches of Physical and Health Education
5. Long Distance Races
6. Relay Races
7. Tennis Game
8. Accident and safety Education

2ND TERM

1. School Health Programme
2. Environment Pollution
3. Table Tennis Game
4. Posture and Postural Defects
5. Gymnastics
6. Basketball Game

3RD TERM

1. Recreation and Leisure
2. Hand ball Game
3. Consumer Health
4. Judo
5. Karate
6. Swimming
7. Non-Communicable Diseases

SCHEME OF WORK FOR PHE JSS 3

1ST TERM

1. Violence in Sport
2. HIV/Aids Education
3. Qualification and functions of specialists in physical and HEALTH EDUCATION, Nigerian SPORTS HEROINES and Professional and PROFESSIONALS
4. Javelin Throw
5. Field Hockey
6. Pole Vault

2ND TERM

1. Family life education
2. Physical and Health Education Agencies and Career opportunities
3. Ageing and Death Education
4. Drug use, Misuse and Abuse
5. Combined events (Pentathlon and decathlon)
6. Physical fitness
7. Gymnastics
8. Common Sports Injuries and First Aid Procedures

3RD TERM

1. Nutrition for Special Groups
2. Taekwondo
3. Boxing
4. Wushu Kung-Fu
5. Dance
6. Computer Games
7. Strokes in Swimming
8. Communicable Diseases
9. Non-Communicable Diseases

SCHEME OF WORK FOR BUSINESS STUDIES JSS 1

FIRST TERM

1. Introduction to business studies
2. -Objectives of business studies
3. -Branches of business studies
4. What is an office? Types of office.
5. -Advantages of a closed office
6. -Disadvantages of closed office
7. -Advantages of an open office
8. -Disadvantages of open office
9. Source documents i.e. cheque, receipt, invoices, local purchase order, Why are cheques dishonored?
10. What is a ledger?
11. Properties of ledger, sample drawing of ledger account.

- Terms associated with the ledger and double entry.

SECOND TERM

- Business transaction
Sales and purchase journals
Cash and credit transactions
- Returns inwards and outward journal and the tabular representations.
- Simple cash book (Double entry)
- Various departments in an organization
- Qualities of a clerical staff

THIRD TERM

- Production. Forms and types of industrial production.
- Factors of production: Land, Labour, Capital, Entrepreneur
- Business organization (formations and types).
- Relationship between producers and consumers.

SCHEME OF WORK FOR BUSINESS STUDIES JSS 2

FIRST TERM

- The receptionist
Duties and qualities
Telephone Etiquettes
Items found in the reception
Documents handled by the reception
- Procedure for the receipt of mails
- Filing of letters
Reasons for filing documents
Things that makes a filing system to be efficient
Filing methods
File classification
Tips for a good filing practice
- Simple cash book
- Double column cash book
- Double column cash book with contra entry

SECOND TERM

- Three Column Cash book
- Commercial bank
- Origin
- Functions
- Current savings and fixed deposit accounts
- Bank statement
- Loan and overdraft
- Trade discount
- Sales discount
- Cash
- Quantity
- Keeping Correspondence books and records
- The Petty Cash book

THIRD TERM

- Insurance
- Meaning
- Terms used in insurance
- Types of insurance
- Risks that cannot be insured

- Advantages of Insurance
- METHODS OF BUYING**

- Sample method
- Inspection Method
- Description and grade method
- Auction method

- TRADE**
Meaning
Home and foreign trade
Visible Imports and Exports
Invisible imports and exports
Wholesale and Retail trade
Mail order business – Its advantages and disadvantage
- DOUBLE ENTRY PRINCIPLE**
Meaning

SCHEME OF WORK FOR BUSINESS STUDIES JSS 3

FIRST TERM

- Double entry (Ledger A/c) principle
- Trial balance
- Final accounts
Meaning
Terms used in final accounts
Trading account
Profit and loss account
- THE BALANCE SHEET**
Meaning
Assets and liabilities
Fixed assets
Current assets
Long-term liability
Current or short-term liability
Exercises
Store records

SECOND TERM

- Transportation
- Meaning
- Important
- Forms and means
- Types and importance
- Advertisement
- Meaning
- Types
- Method of advertising
- Media of advertisement
- Advantages and disadvantages
- Stock-taking
- Stock control
- The role of the wages office

THIRD TERM

- Communication
- Office equipment
- Consumer protection

SCHEME OF WORK FOR AGRIC SCIENCE

JSSI

FIRST TERM

1. THE MEANING OF AGRICULTURE
Importance of agriculture
2. THE ORIGIN OF AGRICULTURE
Development of agriculture
Areas of specialization in agriculture
Agricultural products
Classification of crop plants
Uses of crop plants
5. FORMS OF FARM ANIMALS

SECOND TERM

- CLASSES AND USES OF CROPS
Life span of crops
Uses of crops
2. CLASSIFICATION OF FARM ANIMALS
Uses of farm animals
 3. SIMPLE FARM TOOLS
Hand tools and their materials
Uses of farm tools

THIRD TERM

- WEED
Uses and control of weed
Economic importance of weed
2. CROP PESTS
Classification and control of crop pests
 3. ECONOMIC EMPOWERMENT
THROUGH AGRICULTURE
Ways of economic empowerment
 4. MARKETING OR AGRICULTURAL
PRODUCT
Meaning of marketing and market
Types of agricultural market
Problems of marketing agricultural
Produce in Nigeria
Marketing agent

SCHEME OF WORK FOR AGRIC. SCIENCE

JSS 2

FIRST TERM

1. Composition and properties of the soil
2. Farm structure and building layout
3. Importance of farm structure and layout
4. Introduction to farm machines
5. Uses and maintenance of farm machines
6. Meaning of crop propagation & methods of crop propagation
7. Advantages & Disadvantages of crop propagation
8. Types of cultural practices
9. Classification & uses of farm Animal
10. Uses of farm Animal continue

3. FORMS OF AGRICULTURE

- Crop farming
- Horticulture
- Apiculture
- Horticulture
- Fishery
- Agricultural practices

4. FORMS OF CROP PLANTS

SCHEME OF WORK FOR AGRIC. SCIENCE

JSS 3

FIRST TERM

- Composition and Properties of the soil
- Farm structures
- Farm buildings
- Sitting of School Farm and Layout of Farm Stead

SECOND TERM

- Soil fertility and management
- Feeds and feeding
- Farming and Cropping Systems:
Farming systems
Cropping systems
Crop rotation
- Fishery
- Other aquatic organisms
- Farm animal husbandry
Management requirement in animal husbandry
- Soil conservation, methods factors of loss of soil fertility
- Effects of soil conservation on environment

THIRD TERM

- Stock Exchange
- Agricultural stock exchange
- Importance of stock exchange in agriculture
- People involved in stock exchange
- Export promotion in agriculture in Nigeria
- Nigeria export produce
- Career opportunities in agriculture
- Packaging criteria
- Pricing and advertising
- Records and book keeping

SCHEME OF WORK FOR HOME ECONOMIC

JSS 1

FIRST TERM

INTRODUCTION OF HOME ECONOMICS

- A Meaning of home economics
- B Areas of home economic
- C Relationship of home economics to other subject

PUBERTY AND ADOLESCENCE

- A Meaning of puberty and adolescence
- B The signs of puberty in boys and girls
- C The needs and challenges of the adolescent
- D Hygiene guides for an adolescent

SEXUALLY TRANSMITTED INFECTIONS

- A Meaning of sexually transmitted infections
- B The causes of STD
- C The signs of STI
- D prevention of STI
- E HIV/AIDS

THE RIGHT OF A CHILD

- A Meaning of right
- B Types of right
- C Who a child is
- D The right of a child
- E Right violation and what to do

SECOND TERM

FAMILY NEEDS

- A Family needs, goals and standards
- B Meaning and types of family needs and wants
- C Meaning of family goals and standards

RELATIONSHIP AMONG FAMILY NEEDS

- A Goals and standards
- B Uses of family needs, goals and standard in resource management

- C Family resource4s and management

HEALTHY FEEDING PRACTICES

- A Healthy feeding practices
- B Healthy eating habits
- C Effects of unhealthy eating habits
- D Effects of unhealthy eating habits

FOOD ADDITIVES

- A Food additives, uses, misuses and detection
- B Food contaminants
- C Harmful substances that should not be consumed

DRUG ABUSE

- A Meaning of drug abuse
- B Effects of drug abuse in the body

THIRD TERM

RESOURCES

- A Meaning of family resources
- B Types of family resources
- C Importance of resources

DECISIONS MAKING

- A Meaning of decision making
- B Steps in decision making
- C Simple personal and family decisions

FOOD PURCHASING

- A Meaning of food purchasing
- B Meaning of food processing
- C Meaning of food preservation

- D Meaning of food safety

FOOD

- A Identification of perishable food
- B Identification of non perishable foods
- C Risk factors in purchasing

FOOD

- A Factor to consider when buying food
- B Wise buying practices

FOOD

- A Food processing methods
- B How to keep food safe

SCHEME OF WORK FOR HOME ECONOMIC JSS 2

FIRST TERM

- Sign of puberty
- Hygiene and puberty
- Adolescence
- Sexually transmitted disease
- Impact of family values on life styles
- Human rights

SECOND TERM

- Family conflict
- Family crisis
- Food and nutrition – food nutrients
- Food hygiene and food preparation
- Managing of family clothing
- Household linen

THIRD TERM

- Family house
- Maintenance of family house
- Seam and seam finishes
- Edge finishes
- Body measurement and pattern drafting
- Introduction to textiles studies

SCHEME OF WORK FOR HOME ECONOMIC JSS 3

FIRST TERM

1. Classes and properties of fibres
2. Manufacture, identification and uses of fabric
3. Basic element of design
4. Figure types
5. The sewing machine
6. Garment construction process-facing and hemming
7. Scientific study of foods

SECOND TERM

1. Meal planning
2. Buying and preservation of food
3. Food preparation methods
4. Marriage
5. Pregnancy and childbirth
6. Child development
7. Scientific study of foods
- 8.

SCHEME OF WORK FOR CIVIC EDUCATION

JSS 1

FIRST TERM

- 1 Value definition
- 2 Meaning and objective
- 3 Values meaning and importance

- 4 Levels of manifestation of value individual and society level
- 5 IST C. A. T
- 6 Factors that Promote Good Value System
- 7 Types of values honesty: meaning and attributes
- 8 Benefits of honesty and consequences of dishonesty

SECOND TERM

- 1 Types of value II cooperation-meaning factors promoting cooperation, attributes, beliefs and types
- 2 Types of values III self reliance meaning basis and attributes
- 3 Benefits of self reliance & consequences of undiscovered talents and undeveloped skills
- 4 Citizenship meaning and types of citizenship
- 5 Process of becoming a citizen through naturalization and registration
- 6 MID TERM BREAK
- 7 Rights ad duties of a citizen

THIRD TERM

- 1 (i) Processes of becoming a citizen
(ii)Rights and duties of a citizen
- 2 Rights and duties of a citizen
- 3 National consciousness meaning
- 4 Nigeria's national symbols and their meaning
- 6 Measures adopted to promote unity among Nigerians
- 8 National anthem and pledge

SCHEME OF WORK FOR CIVIC EDUCATION JSS 2

SCHEME OF WORK FOR CIVIC EDUCATION JSS 3

FIRST TERM

1. Illiteracy- meaning, causes, consequences and solutions
2. Right Attitude to Work- meaning, attributes, rewards and consequences of not having the right attitude to work
3. Negative Behaviour- meaning, effects and ways of promoting positive behavioural changes
4. National Population Census- meaning, importance and problems
5. Protection of Human Rights- meaning of human rights, types of human rights and appropriate steps for protection of human rights
6. Protection of the Rule of Law- meaning of rule of law, benefits of rule of law and protection of rule of law
7. Voter Education- importance of voting and process of voting
8. Elections- meaning and importance of election, electoral bodies; free and fair election; electoral malpractices and how to prevent them

SECOND TERM

1. Nigerian Constitution- functions of a constitution, features of the constitution; features of 1999 constitution; roles of citizens in constitutional development
2. Peace and Conflicts
3. National Economic Life

SCHEME OF WORK FOR SOCIAL STUDIES

FIRST TERM

1. Meaning, Scope and Nature of Social Studies.
2. Objectives & Importance of Social Studies.
3. Physical Environment: Meaning, Types and Features.
4. Resources in Our Environment and their Uses.
5. Environmental Problem, Causes, Effects and Solutions.
6. Social Environment: Meaning and Types; Primary and Group (Family) Types; Role and Responsibilities of Members.
7. Secondary Social Group: types, Structure, Roles and Responsibilities of Members.
8. Conflict Within Social Group: Causes, Effect and Steps In Conflict Resolution.
9. Influence of Man in the Environment
10. Accidents in the Home and School. Needs for Safety.
11. Accidents in the Home and School: Measures for Safety in the Home, School, Workplace and the Environment.

SECOND TERM

1. Revision of Last Term's Work
2. Socialization
Meaning, Significance & Processes.
3. Agents of Socialization and Effects of Socialization.
4. Culture:
Meaning, Components & Features.
5. Culture
Features of Culture
6. Cultural Similarities Among Nigerians
7. Cultural Differences Among Nigerians
8. Uniqueness of Nigerian Culture
9. Revision.

THIRD TERM

1. Revision of Last Term's Work
2. Social Issues and Problems Examination; Meaning and causes
3. Social Issues and Problems; Effects and Solution
4. Cultism. Meaning, Causes, Effects and Solution.
5. HIV/AIDS Meaning, Causes, Effects and Prevention.
6. Problems Associated with Contemporary Social Problems in Nigeria: Individual, Family, Nation.
7. Problems Associated with Contemporary Social Problems in Nigeria: Individual, Family, Nation.
8. Measures of Solving Contemporary Social Problems.
9. National Unity and Integration: Meaning, Needs and Importance.
10. National Unity and Integration; Meaning, Needs and Importance.

SCHEME OF WORK FOR SOCIAL STUDIES JSS 2

FIRST TERM

SOCIAL GROUP

1. TYPE/CHARACTERISTICS OF SOCIAL GROUP
Primary social group
- GROUP BEHAVIOR
Types of group behavior
Benefits of group behavior
2. MARRIAGE
Meaning and types of marriage
Criteria for marriage
Benefits of marriage
Problems/dangers of early marriage
3. DRUG ABUSE
Meaning of
Forms of drug abuse
Effect of drug abuse
Measures of curbing abuse
4. DRUG TRAFFICKING
Meaning of drug trafficking
Reasons of drug trafficking
Dangers of drug trafficking in Nigeria
Measures of curbing drug trafficking

5. POVERTY
Meaning of poverty
Causes of poverty
Ways of alleviating poverty
6. CORRUPTION
Meaning of corruption
Abuses
Effects of corruption
Measures of checking corruption
7. CULTISM
Meaning of cultism
Reasons for membership
Effects
Measures of reducing cultism

8. SCIENCE AND TECHNOLOGY
Benefits of science and technology
Problems and solutions to problems of science and technology
- #### COMMUNICATION
- Meaning
Types/forms of ICT
Advantages & Disadvantages

SECOND TERM

1. LIVING TOGETHER IN THE FAMILY

- Definition of family
Conditions for living together as a family
Roles performed by individual in the family
(a) Father (b) Mother (c) Children

2. MEANING OF CULTURE

- Types of culture
Characteristics of culture
Types of food in our culture

3. COMMON DRESSES IN OUR CULTURE

- Dress codes for selected culture
Factors that influence dress selection

4. COMMON HAIRSTYLES

- Hairstyles for women and men
Care of the hair
Adornments

- Usefulness of Adornments

5. Religion

- Meaning and types of religion
Similarities of our religion

6. OUR SCHOOL

- Features of a school
Members of the school community
Functions performed by each member
Ways of enhancing efficiency among membership of the school

7. HOME APPLIANCES

- Usefulness of each appliances
Dangers in the wrong use of appliances
Correct ways of using electrical appliance

THIRD TERM

1. ACCIDENT IN THE SCHOOL

- Meaning of accident
Types of school accident
Causes of accident

Prevention of school accidents

2. GENDER ROLES

Gender similarities/differences

Gender discrimination

Consequences & solution of gender discrimination

3. STORAGE

Meaning of storage

Methods of storing things

Benefits of storing things

4. SAVINGS

Meaning of saving

Reasons for saving money

Method of saving money

5. WHAT IS A BANK?

(i) Advantages of keeping money in banks

(ii) Problems associated with banking

(iii) Prospects of banking operation in Nigeria

6. RESOURCES

Meaning and types of resources

Usefulness of resources to man

Conservation of environmental resources

7. HARMFUL SUBSTANCE

Types of harmful substance to men

Prevention of intake of harmful substance

8. TRANSPORTATION SYSTEM IN NIGERIA

Meaning/types of transportation

Transportation on land, water and air

Advantages and disadvantages of transportation system in Nigeria

Measures aimed of solving the problem

SCHEME OF WORK FOR SOCIAL STUDIES

JSS 3

FIRST TERM

1 Trafficking in children and women

Definition

Factors responsible for children and women trafficking

Consequences of trafficking

Possible ways of preventing human trafficking

2. HARMFUL TRADITIONAL PRACTICES

Definition

Types of harmful traditional practices in Nigeria

Measures of preventing harmful traditional practices

3. POPULATION

Meaning of population

Basic units of population

Factors in securing population growth and control

4. FAMILY LIFE EDUCATION

Meaning of family life education

Population and resources available

Family size and consequences

Census

PEACE

Meaning of peace

Types of peace

Importance of peace

Ways of promoting peace

CONFLICTS

Meaning of conflicts & types

Causes of conflicts

Consequences of conflicts

Non-violent methods of resolving conflicts

NATIONAL ECONOMY

Meaning of national economy

Economic activities in Nigeria

Trading

Farming

Manufacturing

Fishery

SECTORS OF AN ECONOMY

Meaning of a sector of an economy

Sectors of the Nigerian economy (a) primary (b) secondary

Tertiary sector

Importance of the economic activities in Nigeria

SECOND TERM

1. ECONOMIC INSTITUTION IN NIGERIA

Banks

Functions of commercial banks

Functions of central banks of Nigeria

2. INSURANCES

Types of insurance

Functions of insurance

Nigeria deposit insurance corporation (NDIC)

Roles of NDIC

3. NIGERIAN STOCK EXCHANGE

Security and exchange commission

What is a share?

Roles of Nigerian stock exchange

Roles of securities and exchange

4. TRANSPORTATION

Types of transportation

Advantages of various types

Disadvantage of air, sea and road transport

5. GLOBAL INTERNATIONAL COOPERATION

(i) Reasons for global international co-operation

(ii) Strategies for achieving global international cooperation

Consequence of global international co-operation

6. INTERNATIONAL CONFLICT

Causes of international conflict solutions

COMMON CRIMES AND ASSOCIATED PUNISHMENT

Crimes and national security

SCHEME OF WORK FOR MATHEMATICS

JSS 1

FIRST TERM

1 Number and numeration (writing in figure)

2 L. C. M. of whole numbers

3 H. C. F. of whole numbers

4 Fractions

1. Changing proper fractions to improper fraction and vice versa
 2. Changing improper fractions to mixed number. Vice versa
 3. Equivalent fractions
- 5 Addition and subtraction of fractions
 - 6 Multiplication and division of fractions
 - 7 BODMAS of fractions
 - 8 Estimation

SECOND TERM

- 1 Approximation
- 2 Number base – changing to binary numbers
- 3 Addition and subtraction of number base
- 4 Multiplication of number base
- 5 Basic operations(place value)
- 6 BODMAS
- 7 Decimal(Addition and subtraction)
- 8 Algebraic process
- 9 Word problem in Algebra

THIRD TERM

- 1 Word problem in symbolic terms
- 2 Simple equations
- 3 Statistics
- 4 Averages
- 5 Geometry(Plane shapes)
- 6 Solidshaoes
- 7 Angles
- 8 Construction

SCHEME OF WORK FOR MATHEMATICS JSS2

FIRST TERM

- 1 Whole number and decimal number
- 2 Prime factors
- 3 L. C. M. of whole number
- 4 H. C. F. of whole number
- 5 Square root
- 6 Fractions (ratios, decimals and percentages)
- 7 Commercial Arithmetic
- 8 Approximation
- 9 Multiplication and division of directed numbers

SECOND TERM

- 1 Algebraic expression
- 2 Algebraic expression
- 3 Simple equation
- 4 Linear inequality
- 5 Graph of linear inequality
- 6 Plane shapes
- 7 Scale drawing
- 8 Estimation

THIRD TERM

- 1 Angles between lines
- 2 Angles in a polygon
- 3 Pythagoras theorem
- 4 Statistics
- 5 Probability
- 6 Areas and volume of cylinder
- 7 Volume of a cone

- 8 Mean, median and mode

SCHEME OF WORK FOR MATHEMATICS JSS3

FIRST TERM

- 1 Number Bases
 - a. Converting decimal to other bases
 - b. Converting other bases to base ten
- 2 Number Bases
 - Multiplication and division in non-decimal bases.
- 3 Computer Application
 - a. Use of punch cards to store information.
 - b. Translating information on punch cards to coded form.
 - c. Writing familiar words in coded form.
- 4 Word Problems
 - I. a. Translating word problems into numerical expression.
 - II. Interpretation of word problems involving sum and difference into numerical expression.
 - III. Interpretation of word problems involving product and division into numerical expression.
 - IV. Combining division, product with sum and difference in word problems.
- 5 Proportion and Variation
 - a. Direct and inverse proportion.
 - b. Direct and inverse variation.
 - c. Joint and partial variation
- 6 Approximations
 - a. Approximating to decimal places and significant figures.
 - b. Calculating and approximating to whole numbers.
 - c. Calculating and approximating to given significant figures.
- 7 Factorization
 - a. Removing brackets
 - b. Factorization of taking common factors.
 - c. Simplifying calculation by factorization.
 - d. Factorization of quadratic expression
 - e. Factorization of perfect squares.
 - f. Factorization of difference of two squares.
8. Compound interest.

2ND TERM

- 1 Simple equation involving fractions.
 - Word problems involving fractions.
- 2 Simultaneous equation
 - Elimination method
 - Substitution method
- 3 Simultaneous equation
 - Graphical method
 - Word problems leading to simultaneous equation
- 4 Similar Shapes
 - Calculation of similar shapes.
- 5 Change of Subject Formula
- 6 Trigonometry
 - Tangent of angles
- 7 Trigonometry
 - Sine and cosine of angles
8. Construction
 - Bisection of line and angle
 - Construction of 90° , 45° , 60° and 30°
9. Statistics

- Revision of mean, medium and mode
- Revision of pie charts

SCHEME OF WORK FOR COMPUTER JSSI

FIRST TERM

FUNDAMENTALS OF COMPUTER

Constituents of a computer

1. Hard ware: System unit, Peripherals
2. Soft ware: System software, Application software

Characteristics of a computer with computer Terminology

2. DATA AND INFORMATION

Definitions of data and information

Examples of data and information

Differences between data and information

How the computer process data

Diagrammatic representation of a computer

3. COMPUTATION DEVICES I (PRE-COMPUTER AGE TO 19TH CENTURY)

The Abacus

Features, components and uses

Napier's Bone

Features, components and uses

Slide Rule

Features, components and uses

Pascal's Calculator, Leibnitz multipliers, Jacquards

Loom Charles Babbage

Difference and Analytic engine, Augusta Ada Byron,

Hollerith Census machine,

Punched cards, Burroughs, the comptometer and the cash register.

4. COMPUTING DEVICES II (20TH CENTURY TO DATE)

Antanasoft Berry computer, Electronic Numerical integrator and calculator

Electronic Discrete Variable Automatic Computer

Universal Automatic Computer

Desktop Personal Computer

Laptops and Notebooks

Difference between laptop and Notebooks

Other forms of portable device.

SECOND TERM

INPUT DEVICES: Definition

1. Types
2. The computer keyboard: Types, Functions, commands
3. The mouse: Type, function, features etc
4. Pointing stick, joy stick, track ball, bar code reader, optical character recognition, magnetic ink character recognition etc.

2. **OUTPOU DEVICES:** Definition

3. Monitor: Types of monitor

Types of screen display

1. Printers: Functions of printer, types of printer
2. Speakers
3. Plotters
4. Video graphic cards and sound cards etc

3. **COMPUTER SYSTEM SOFTWARE:** Definitions, types, categories of application packages

4. **PROGRAMMING LANGUAGES:** Definitions, different level of programming languages, advantages

and disadvantages of the different level of programming language.

5. **FIFTH GENERATION PROGRAMMING LANGUAGE**

THIRD TERM

COMMUNICATION SYSTEM: Definition of I.C.T, types of I.C.T

Broadcasting, Telecommunications, Data Networks, information system and satellite communications.

2. APPLICATION AREAS OF I.C.T

Tele-conferencing, Tele presence, Tele commuting, video conferencing, Tele communication and networking, multimedia message services, instant messaging

3. I.C.T BASED GADGETS

4. **BASIC COMPUTER OPERATIONS –** Booting, Description of the booting process, types of booting, components of the windows desktop. Practical's on other simple basic computer operations.

5. **WORD PROCESSING –** Definitions, examples of Word Processor features of Word Processor

6. **PRESENTATION PACKAGE –** Definitions, examples of a presentation package, features of Word Processor using the presentation package.

SCHEME OF WORK FOR COMPUTER JSS 2

FIRST TERM

1. Classification of computer
2. Concept of the computer system, component of computer system
3. The computer system, the hardware component
4. The computer system, the software and people ware
5. Computer software and type of software
6. Operating system
7. Unit of storage in computer
8. Computer files and file organization, data hierarchy

SECOND TERM

1. Graphic packages I: Meaning and feature of graphic package
2. Graphic packages II: Paint environment and paint tools and their functions
3. Drawing with paint
4. Information and Communication Technology
5. Internet I
6. Computer ethics: responsible ways of using the computer and internet
7. Areas of misuse of computer and internet
8. Revision
9. Examination

THIRD TERM

1. Internet I: Creating an email account and how to check email account and send an email
2. Internet II: Internet environment and chatting on the web, network group
3. Number bases: Type of number system
4. Logic gates
5. Computer professionals
6. Computer professional bodies
7. Revision
8. Examination

SCHEME OF WORK FOR COMPUTER JSS3

FIRST TERM

1. Internet search engines
2. Digital divide
3. Programming languages
4. Translator
5. Programming tools
6. Basic programming language

SECOND TERM

1. Spreadsheet packages: definition and uses of spreadsheet packages
2. Spreadsheet packages: features and terminologies
3. Worksheets: enter data in a worksheet
4. Worksheets: calculation on worksheets
5. Graphs: type of graphs

THIRD TERM

1. Computer virus

SCHEME OF WORK FOR BASIC TECHNOLOGY JSS 1

FIRST TERM

1. Introduction to technology
 - Meaning, types and importance
2. Technology workshop and safety
3. Wood as technological material
 - Classification and properties
4. Metals as technological materials
 - Identification and properties
5. Ceramics, cement and glass as technological materials
 - Properties and sources

6. Rubber and plastics as technological materials
 - Classification and properties

SECOND TERM

1. Drawing Instruments
2. Board practice and uses of lines in technical drawing
3. Free-hand sketching and scale drawing
4. Woodwork tools I
 - Tools, measuring, marking out and driving tools
5. Woodwork tools II
 - Tools for boring, work holding, cutting and planning

THIRD TERM

1. Concept of energy and power
2. Introduction to electronics (electron emission theory)
3. Electronic circuit components
4. Building materials and types of buildings.
5. Components of simple domestic buildings and building blueprint
6. Introduction to maintenance
7. Introduction to ICT (The Computer)

SCHEME OF WORK FOR BASIC TECHNOLOGY JSS2

1ST TERM

1. You and technology
 - Information and Communication Technology (ICT)
2. Analogue and digital communication system and ICT access level
3. First aid materials and uses of first aid
4. Materials and processing
 - Wood, uses of wood and types of wood
 - 5. Metals, uses of metals and types of metals
 - 6. Ceramics, uses of ceramics and properties of ceramics
 - 7. Plastics and Rubber
 - Uses of plastics and rubber.
 - Types of plastics and rubber

SECOND TERM

1. Geometrical Construction
 - Lines
 - Angles
 - Circles
2. Triangles
 - Quadrilateral
 - Plane figures
3. Tools and Materials
 - Metal work hand tools
 - Marking out tools
 - Measuring tools
4. Driving out tools
 - Cutting out tools
5. Energy Based Technological Appliances
 - Operation of a pressing iron
 - Operation of an electric kettle
 - Operation of cookers
 - Water heater and gas lamp
6. Operation of kerosene cooker
 - Charcoal pressing iron
7. Wood work machines
 - Metal work machines

8. Belt and Chain drill and gears

THIRD TERM

1. Transmission of electricity
 - Transmission of electricity at low and high frequency
2. Components of the transmission system
3. Building construction and building plan(site preparation)
 - Mechanical tools used in site preparation
 - Clearing of vegetation
4. Setting out
 - Setting out materials
5. Foundation of building
 - Types of foundation
6. Introduction to maintenance
 - Simple maintenance
7. Care of common goods and domestic goods
 - Care of domestic goods continues
 - Maintenance of furniture, table, chair, bed, etc

SCHEME OF WORK FOR BASIC TECHNOLOGY JSS 3

FIRST TERM

1. Career prospects and opportunities
 - Technology related to career
2. Production of materials
 - Conversion and seasoning of timber
 - Methods of seasoning
3. Veneer and manufactured boards
 - Methods of cutting veneers
4. Drawing practice
 - Technical drawing
5. Tools and machines
 - Workshop rules and regulations
6. Simple wood work project
 - Wood joints constructions
7. Non- wood materials
8. Joining of wooden pieces with fasteners and fitting

SECOND TERM

1. Mechanical energy (friction and its effect)
 - Advantages and disadvantages of friction
 - Lubrication and its importance
2. Gears, Belt and Chain drive
 - Gears ratio and speed ratio
 - Calculation of gear ratio and speed ratio
3. Motion and types of motion
 - Devices that exhibit rotary motion
 - Conversion of rotary motion to linear motion
4. Laws of motion
 - Newton's first, second and third laws of motion
5. Air flow and pneumatics
 - Bernaulli's principle
6. Hddraulic presses and pneumatic devices
7. Water wheels
8. Turbines etc
9. Method of joining metals. E.g soldering and types
10. Welding and types of welding
11. Forging, riveting, belt and nuts

12. Floors, doors and windows

THIRD TERM

- Revision and Technical drawing
- Isometric drawing
 - Orthographic drawing

SCHEME OF WORK FOR ENGLISH LANGUAGE JSS 1

1ST TERM

- Week 1: Introduction to speech production
Vocabulary associated with building
- portative's
- Week 2: Introduction to literature 1 functions
The discounted fish
Vowel // and /D/
Vocabulary associated with transport
Genres of literature-prose and poetry
- Week 3: Adjectives
Consonants /f/ and /v/
How to make a candle stand
Feature of drama as a genre of literature
- Week 4: Vowels / /
Nouns
Vocabulary associated with home and family figure of speech
- Week 5: Writing composition using simple sentences /paragraphing
- Week 6: The simple English sentence
Vowels /i/ and /s/
Poem analysis
- Week 7: Consonant /p/ and /b/
Noun phrases and quantifies
The zeal for secondary school I the day
school began
Folklores
- Week 8: Verbs
Vocabulary associated with the school
informal letters
Play analysis of "Tears of a Bride"
- Week: Consonants /t/ and /d/
Hard work has a reward
Articles
Play analysis of "Tears of a Bride"
By Oyekunle Oyedeli
- #### SECOND TERM
- Week 1: Subject and object pronouns and possession
Debate writing
Vocabulary associated with the market
- literary appreciation
- Week 2: Vowels/u:/ and / /
Singular and plural verbs
The verb phrase
Prepositions
Vocabulary associated with water transfer
- folklores

SCHEME OF WORK FOR ENGLISH LANGUAGE JSS 2

1ST TERM

Week 1 Revision of vowels
Vowels / / / I / / I / / and /a:/
The parts of speech/Negative statements
Vocabulary associated with health
Reading comprehension (to understand the writer's purpose)
Prose: The meaning and type's chapters 1 and II of text book

Week 2: Falling and rising intonation in statements.

Yes/No questions and tag questions
Words associated with health

Guided composition-writing title, using capital letters and punctuation
Chapters 3, 4 and 5

Week 3: Vowels / / / / u: / / and /u /
Nouns and plural nouns
Vocabulary associated with administrative setting

Countable and uncountable nouns
Chapters 6, 7, and 8

Week 4: Consonants /m/ / / / / and /r/

Commands
Words associated with administrative

setting

Continuous writing – linkers
The themes characters and plot of the novel

Week 5: Intonation patterns in commands and questions
Wh – questions
Reading to indentify the meanings of words in various

Contexts, facts, opinion

What is drama, different forms, elements and dramatic devices
Vowels / / / / / / /

Week 6: Request
Words associated with banking/religion
Poetry – some poetic devices, types of poem

and the poem, the land of unease

Week 7: Consonants /h/ / w / and /j/
Informal letters
Reading for speed, facts and meanings of words in various contexts
Reporting statements
Drama.

SECOND TERM

Week 1: Consonant clusters
Reporting questions
Government and politics
Exposition – the Atmosphere
Prose

Week: 2 The Diphthongs; / ei/ I / / / / /
Reporting commands and request

Week 3: Partitives
Vocabulary associated with rail transport
Vowel s / / and / /
Narrative essay
Legends

Week 4: Adverbs and adverbials
Consonants /k/ and /g/

Consonant clusters
Vocabulary associated with farming thematic analysis

Week 5: The founding of Benin Kingdom

Week 7: Compound sentence
Conjunctions

Vocabulary associated with agriculture
Adjective

Figure of speech
Vowel / /
Letter writing
Informal letters
Simple sentences
Consonants /ts/ / /

THIRD TERM

Week 1: Punctuation marks – Hyphen, colon,
Brackets and apostrophe

Vocabulary associated with Islamic religions vowel (3)

Week 2: Complex Sentences relative clauses
Register associated with government and politics

Consonant /o/ and / /
Tears of a bride

Week 3: Future Tenses
Vowel /e/
Apostrophes ()
The police
Tears of a Bride continued

Week 4: Report writing
Consonants / / and / /
Vocabulary associated with corruption
Poetry my mother

Week 5: Preposition in phrases of time
Capital letters
Reading from main ideas
Wrong decision

Week 6: Duration –while+ clauses, until + phrases
Vocabulary associated with cultism
The taxi driver

Week 7: Complex sentences adverbial clauses vowel / /

Vowel / /
The use of semi colons c: y
Dramat : C prose

Week 8: Consonants / / and / /
Writing a diary
Obedience

	Government and politics Exposition Prose		
Week : 3	Diphthongs / / / / and / /		
adverbs	Comparative and superlative adjectives and		
	Government and politics Reading comprehension – persuasion Prose		
Week: 4	Weak forms		
	Intensifiers Law and orders Formal letter Prose		
Week: 5	Word boundary		
forms	Adverbs and other		
	Law and order Argument Poetry		
Week: 6	Compound words		
and location	Prepositions of places		
meanings of words in various context	Reading to identify the		
	Poetry Formal letters		
Week: 7	Drama		

THIRD TERM

Week: 1	Phrases commonly used in speech Adverbials – The future Mass media Towards summary Prose
Week: 2	Questions and their tags Adverbial – Adverbs of frequency Mass media Towards summary Prose
Week: 3	Vowels, diphthongs in mixed pairs Cause and reason Petroleum and mining Report writing Prose
Week: 4	Consonant clusters Forms for expressing purpose Petroleum and mining Summary
Week: 5	Strong and weak forms of words Adverbials – forms for expressing condition Petroleum – Vocabulary Continuous writing: my school/a market Prose
Week: 6	Contrasting statements Cake making

Week; 7	Formal/informal letters Drama Poem Reading
Comprehension	
Week: 8	Drama Active/passive verbs Rhyme and rhythmus in
poems	Drama.

SCHEME OF WORK FOR BASIC SCIENCE JSS 1

1ST TERM

1. Family Health (cleanliness)
2. Nutrition
3. Environmental Conservation and Safety (Maintaining Balance)
4. Environmental Conservation and Safety (Sanitation)
5. Disease Vector
6. Immunization and prevention of STIs (HIV/AIDS)
7. Drug Abuse
8. The Earth in Space

2ND TERM

- Disease Prevention
- Immunization
- Prevention of STIs HIV/AIDS
- Drug Abuse
- The Earth In Space – the Solar System
- Matter – Definition and State
- Living Things – characteristics
- Differences between Plants and Animals
- Activities of living things
- Non-living things
- Gravitation and Weightlessness

3RD TERM

1. Gravitation and Weightlessness
2. Space Travel
3. Satellites
4. Energy
5. Renewable and Non-Renewable energy
6. Force
7. Friction

SCHEME OF WORK FOR BASIC SCIENCE JSS 2

1ST TERM

1. Family health (Diseased)
2. Environmental pollution
3. Drug abuse
4. Habitat
5. Uniqueness of man

2ND Term

1. Changes in matter
2. Changes in living things

3. The human skeletal system
4. The human respiratory system
5. The human circulatory system
6. The human digestive system
7. The human reproductive system
8. Excretion

3rd Term

1. Information and communication Technology
2. Crude oil and petroleum
3. Work energy and power
4. Simple machine
5. Wheel and axle
6. The screw jack
7. Levers
8. Gears

SCHEME OF WORK FOR BASIC SCIENCE JSS 3

1ST TERM

1. Family Traits Genetics
2. Soil Erosion
3. Flooding
4. Bush Burning
5. Deforestation
6. Desertification
7. Depletion of the Ozone Layer and its Effects
8. Drug Abuse

SECOND TERM

1. Metabolism in the Human Body
2. Sense Organs
3. Reproductive Health
4. Chemical Symbols, Formula and Equations
5. Atomic Structure
6. Resources from Living Things
7. Resources from Non-Living Things

Senior Secondary

SCHEME OF WORK FOR CHEMISTRY SS 1

FIRST TERM

1. Introduction to chemistry
2. Chemical industries
3. Atoms molecules, atomiuty
4. Physical and chemical changes
5. Electronic configuration
6. Relative utomic molecular
7. Atomic mars/atomic number
8. Chemical symbol
9. Chemical equation
10. Empirical formular
11. Molecular formular
12. Chemical examination
13. Chemical laws

SECOND TERM

1. Knetic theory of matter
2. Gas laws
 - Boyle's law
 - Charles law
 - Combined gas law
 - Gay Lussa's law
 - Avogadro's law
3. Septanut on techniques
4. Acids, basis and salt

THIRD TERM

1. Water
2. Carbon and its compounds
3. Formation of coal
 - Destructive distillation of coal
 - Uses of coal
 - Properties of carbon
4. Oxides of carbon
 - Carbon cycle
5. Synthetic gas
 - Carbonaceous
 - Tiorxocarbenates (iv) acid
 - Tiroxrocaronata iv
6. Hydrocarbons
 - Crude oil and natural gas

SCHEME OF WORK FOR BIOLOGY SSI

FIRST TERM

1. RECOGNIZING LIVING THINGS
 - Characteristics of living things
 - Differences between plants and animals
2. ORGANISATION OF LIVING THINGS
 - Levels of organization of living things
 - Complexity of organization in higher organisms.
3. CLASSIFICATION OF LIVING THINGS

Kingdom Animalia, Kingdom Monera, Kingdom Protista, Kingdom Fungi.

4. THE CELL

Cell as a living unit of life, Cell forms, Cell structures.

5. THE CELL AND ITS ENVIRONMENT

SECOND TERM

1. SOME PROPERTIES AND FUNCTIONS OF THE CELL

Nutrition, Importance of nutrition & Plant nutrition.

2. MECHANISM OF PHOTOSYNTHESIS

Cell respiration, Excretion, Growth, Basis of growth
Types of cell division

Mitosis and meiosis

3. CELL REACTION TO ITS ENVIRONMENT

Movement

Reproduction

4. TISSUE AND ITS SUPPORTING SYSTEM – Skeleton

5. ANIMAL NUTRITION

Food substance

Balance diet

Enzymes

6. MAMMALIAN TEETH

THIRD TERM

ECOSYSTEM

Ecological concept

Component of an ecosystem

Major biomes of the world

2. POPULATION STUDIES

Population characteristics

Methods of population studies

3. FUNCTIONING ECOSYSTEM

Autotrophy and heterotrophy

Food web and trophic level

4. ENERGY TRANSFORMATION IN NATURE

Energy loss in nature

Laws of thermodynamics

5. RELEVANCE OF BIOLOGY TO AGRICULTURE

Classification of plants

Effects of agricultural activities on ecological system

. Pest and diseases of agricultural importance

SCHEME OF WORK MATHEMATICS SSI

FIRST TERM

1. NUMBER BASE SYSTEM: Conversion from one base to base 10, conversion of decimal fraction to base 10, conversion of number from one base to another

base. Addition, subtraction, multiplication and division of number bases.

2. **MODULAR ARITHMETIC:**
Definition and concept of module arithmetic:
Addition, subtraction and multiplication of module arithmetic and applying it to solving life problem.
3. **INDICES:** Conversion of numbers to standard form; laws of indices, indicial equations.
4. **LOGARITHMS AND INDICES:**
Definition of logarithm; logarithm of numbers in base 10, expressing logarithm as inverse of Indices, Graph of $Y = 10^x$, logarithm and anti-logarithms tables of numbers greater than one, laws of logarithms – multiplication, division, powers and roots.
5. **SET:** Definition of set, set notation, types of sets, set operation, use of Venn diagrams.
6. **SIMPLE EQUATIONS AND VARIATIONS:**
Change of subject of formulae involving bracket, root and powers. Types of variation – direct, inverse, joint and partial.
7. **QUADRATIC EQUATION:**
Factorisation, completing the square, formulae and graphical method and obtaining roots from quadratic graphs.
8. **LOGICAL REASONING:** Simple and compound statements.

SECOND TERM

CONSTRUCTION OF ANGLES 30, 45, 60, 90 e.t.c .
Triangles, Equivalent angles, Equidistance from 2 points, 2 lines, fixed point and 4 – sides plane figure given certain conditions, locus of given points.

1. **PROOFS OF SOME BASIC THEOREMS IN EUCLIDEAN GEOMETRY:**

Angle sum of a triangle is 180° , the exterior angle of a triangle is equal to the sum of two interior opposite angles.

3. **RIDERS:** Proofs of properties of
 4. Angles on parallel lines
 5. Angles in a polygon
- iii. Congruent angles
1. Parallelograms and intercept theorem
 4. **TRIGONOMETRIC RATIOS:** Sine, cosine and tangent with reference to right angled triangles.
 5. **TRIGONOMETRY:** Derivation of Trigonometric ratios of 30° , 45° and 60° from drawn angles.
 6. **TRIGONOMETRY:** Angle of elevation and depression and application of trigonometric ratios.
 7. **TRIGONOMETRIC RATIOS:** In relation to unit circle, Sine and Cosine of various angles.
 8. **GRAPH OF SINES AND COSINES USING** 15° , 20° , 30° , 60° etc.
 9. **LENGTH OF ARC OF CIRCLE**

THIRD TERM

1. Perimeters of sectors and segments
2. Areas of Sectors of a Circle
3. Areas of Segments of a Circle
4. Relation between the sector of Circle and the surface of a Cone.
5. Surface Area and Volume of Shapes – Cube, Cuboid, Cylinder, Pyramids, Cone, and Prism.

6. Surface Area and Volume of fraction of Cones and Pyramids.
7. Surface Area and Volume of Compound Shapes.
8. Data Presentation and frequency distribution tables.
9. Linear graph, Bar chart and Histograms
Differences between Bar charts and Histograms
10. Pie chart and frequency polygon.

SCHEME OF WORK CIVIC EDUCATION SSI

- 1 Definition Of Civic Education
- 2 Values
Definition And Types
- 3 Moral Values
- 4 Self Defence
- 5 Community Service
- 6 Hiv/Aids Continues
- 7 Hiv/Aids Continues
- 8 Youth Empowerment
- 9 Importance Of Skill Acquisition
- 10 Revision

SECOND TERM

- 1 The Structure Of Government
- 2 Law And Order
- 3 Democracy
Definition And Types
- 4 Pillars Of Democracy I.E Constitution, Rule Of Law Etc.
- 5 Nationalism
- 6 United Nation Declaration Of Human Rights
- 7 Types Of Human Rights

THIRD TERM

- 1 Cultism – Origin
- 2 Cultism in Higher Institutions of Higher learning in Nigeria
- 3 Consequences of Cultism
4. Constituted Authority
5. Respect for Constituted Authority
6. Emergence of Leadership
7. Importance of Constituted Authority

SCHEME OF WORK ENGLISH LANGUAGE SSI

FIRST TERM

- WEEK 1 VOC. DEVELOPMENT. Words
Associated with Agriculture (crops)
GRAM: Noun and its types
SPOKEN ENG: Voiced/voiceless consonant sounds
Reading Comprehension
Narrative Essay.

- WEEK 2 VOC. DEVELOPMENT: Words
Associated with Agriculture (livestock farming)
GRAM: Noun/Noun phrase
SPOKEN ENGLISH: Voiced/voiceless consonant sounds

Comprehension
Narrative Essay.

WEEK 3 VOC. DEVELOPMENT: Words
Associated with Agriculture (Fisheries)
GRAM: Noun Phrase
SKPOKEN ENGLISH: Consonant sounds
SUMMARY WRITING
Narrative Essay

WEEK 4 VOC. DEVELOPMENT: Words
Associated with Agriculture (Farm implements)
GRAM: Noun phrase
SKPKEN ENGLISH: Exercise on consonant sounds
Summary writing
Narrative Essay

WEEK 5 CONTINUOUS ASSESSMENT TEST
WEEK 6 MID-TERM BREAK

WEEK 7 VOC. DEVELOPMENT: Words
Associated with Animal Husbandry
GRAM: Nouns – Number
SPOKEN ENGLISH: Consonant sounds
Comprehension
Descriptive Essay

WEEK 8 VOC. DEVELOPMENT: Words Associated with
Animal Husbandry
SPOKEN ENGLISH: Words of two syllables
Comprehension
Descriptive Essay
Nouns – the possessive case.

WEEK 9 NOUNS: Nominalization
Descriptive Essay
SPOKEN ENGLISH: Words of two syllables.
SUMMARY WRITING

SECOND TERM

WEEK 1 REVISION OF FIRST TERMS WORK

WEEK 2 Vocabulary And Oracy Skill Development
Words Associated with Religion
Christian Religion
Phrasal verbs
Comprehension

WEEK 3 Vocabulary And Oracy Skill Development
Words Associated with Religion
Phrasal verbs
Comprehension

WEEK 5 Words Associated with Islamic Religion
Phrasal verbs
Continuous Writing (Descriptive Essay)
Summary Writing

WEEK 6 Other Expressions associated with religion
Adjuncts (Adverbs)
Continuous Writing
Formal letter

WEEK 7 Vocabulary and Oracy Skill Development
(Antonyms)
Adjuncts (Adverbs)
Synonyms
Complex sentences

WEEK 8 Antonyms
Complex sentences
Letter Writing
Formal letter

THIRD TERM

WEEK 1 REVISION OF LAST TERM'S EXAM

WEEK 2 Vocabulary and Oral skill Development;
Words Associated with Profession
1. Advertising
2. Some Selected Consonant sounds
• Class Exercise
1. Sentence Stress
2. Consonants followed by /J/

WEEK 3 Words Associated with Advertising
Selected Consonant sounds
Speech writing
Class exercise
Sentence stress

WEEK 4 Selected consonant sounds
Words Associated with stock exchange
Types and functions of subordinate clauses
Class exercise
Consonants followed by K + W

WEEK 5 First Continuous Assessment

WEEK 6 Words commonly miss pelt
Stress
Articles
Class Articles

WEEK 7 Reading comprehension
Stress of words of two syllables
Consonants followed by l

WEEK 8 Summary Writing
Stress of Words of three syllables
Sentence stress

WEEK 9 Stress of Words of three syllables and
above
Emphatic stress
Summary Writing
Class exercise

WEEK 10 Syllabic consonants / L /
Syllabic consonants / n /
Class exercise

SCHEME OF WORK – AGRICULTURAL SCIENCE SSI

FIRST TERM

1. Problems of Agricultural Development in Nigeria /West Africa
2. Solutions to problems of Agricultural Development
3. Types of Agriculture
4. Cereal Crop Production
5. Leguminous Crop Production
6. Tuber Crop Production
7. Vegetable Crop Production

SECOND TERM

1. Fruit Crop Production
2. Beverage Crop Production
3. Oil Crop Production
4. Anatomy and Physiology of Farm Animals
5. Reproductive system of Farm Animals: Male and Female

THIRD TERM

1. Process of Egg Formation in a Hen
2. Structure of a Fertile Egg
3. Incubation
4. Systems of Livestock Management: Ruminants
5. Systems of Livestock Management: Non – Ruminants

SCHEME OF WORK – PHYSICS SSI

FIRST TERM

1. Meaning of Physics: Physical quantities and units of quantities
2. Measuring of instruments
3. Concepts of position and motion
4. Speed velocity and acceleration
5. Displacement and velocity – time graphs
6. Circular motion
7. Friction
8. Density and relative density

SECOND TERM

1. Work, energy and power
2. Concepts of heat and temperature
3. Measurement of temperature
4. Thermal expansion of solids
5. Transmission of heat

THIRD TERM

1. Electric charges and static electricity
2. Description and properties of fields

3. Introduction to current electricity
4. Ohm's law, resistors in circuits, electrical energy and power
5. Elastic properties of solids
6. Molecular properties and forces; adhesion and cohesion
7. Surface tension and viscous forces
8. Crystalline nature of solids
9. Industrial units (Technological applications of Physics)

SCHEME OF WORK FOR COMPUTER SSI

FIRST TERM

1. **FUNDAMENTALS OF COMPUTER**
Constituents of a computer
3. **Hard ware: System unit, Peripherals**
4. **Soft ware: System software, Application software**
Characteristics of a computer with computer

Terminology

3. **DATA AND INFORMATION**
Definitions of data and information
Examples of data and information
Differences between data and information
How the computer process data
Diagrammatic representation of a computer
4. **COMPUTATION DEVICES I (PRE-COMPUTER AGE TO 19TH CENTURY)**
The Abacus
Features, components and uses
Napier's Bone
Features, components and uses
Slide Rule
Features, components and uses
Pascal's Calculator, Leibnitz multipliers, Jacquards Loom Charles Babbage
Difference and Analytic engine, Augusta Ada Byron, Hollerith Census machine, Punched cards, Burroughs, the comptometer and the cash register.
5. **COMPUTING DEVICES II (20TH CENTURY TO DATE)**
Antanasoft Berry computer, Electronic Numerical integrator and calculator
Electronic Discrete Variable Automatic Computer
Universal Automatic Computer
Desktop Personal Computer
Laptops and Notebooks
Difference between laptop and Notebooks
Other forms of portable device.

SECOND TERM

- INPUT DEVICES: Definition**
Types
The computer keyboard: Types, Functions, commands
The mouse: Type, function, features etc

Pointing stick, joy stick, track ball, bar code reader, optical character recognition, magnetic ink character recognition etc.

OUTPUT DEVICES: Definition

Monitor: Types of monitor

Types of screen display

Printers: Functions of printer, types of printer

Speakers

Plotters

Video graphic cards and sound cards etc

COMPUTER SYSTEM SOFTWARE: Definitions, types, categories of application packages

PROGRAMMING LANGUAGES: Definitions, different level of programming languages, advantages and disadvantages of the different level of programming language.

FIFTH GENERATION PROGRAMMING LANGUAGE

THIRD TERM

COMMUNICATION SYSTEM: Definition of I.C.T, types of I.C.T
Broadcasting, Telecommunications, Data Networks, information system and satellite communications.

3. **APPLICATION AREAS OF I.C.T**
Tele-conferencing, Tele presence, Tele commuting, video conferencing, Tele communication and networking, multimedia message services, instant messaging
4. **I.C.T BASED GADGETS**
5. **BASIC COMPUTER OPERATIONS – Booting,**
Description of the booting process, types of booting, components of the windows desktop. Practical's on other simple basic computer operations.
6. **WORD PROCESSING – Definitions, examples of**
Word Processor features of Word Processor
7. **PRESENTATION PACKAGE – Definitions,**
examples of a presentation package, features of Word Processor using the presentation package.

SCHEME OF WORK - GEOGRAPHY

SS1

1st TERM

1. (a) Introduction to the study of Geography
(b) Components of the Solar System
2. The Earth as a planet
(a) Proofs of Earth shape
(b) Rotation and Revolution
(c) Effects

3. (a) Lines of Longitude and Time
(b) Lines of Latitude and distance
4. The structure of the Earth:
(a) Internal structure
(b) Layers of the Atmosphere
5. Landforms Development: The formation of :
(a) Mountains
 1. types of mountains
 2. uses/importance of mountains
(b) Plateaus
 1. types of plateaus
 2. uses/importance of Plateaus
(c) Plains
 1. types of Plains
 2. uses/importance of Plains
 3. Rock types and Importance

SECOND TERM

1. Elements and factors of Weather and Climate
2. Precipitation and types
3. (a) The Major Ocean Basins of the World
(b) A typical ocean floor
(c) Ocean salinity
(d) Ocean currents
(e) Uses of Oceans
4. Soils
(a) Components of soil
(b) Types of soil
(c) Factors and processes of soil formation
(d) Soil profile
5. Resources

THIRD TERM

REGIONAL GEOGRAPHY OF NIGERIA

1. Location, Position and Size of Nigeria
2. The relief features
3. The drainage and importance of rivers
4. The Climate of Nigeria
5. The vegetation belts and importance of forests
6. (a) Farming system:
7. Shifting cultivation
8. Bush fallowing

Irrigation farming

1. Plantation farming
2. Crop rotation
3. Terrace farming

Animal husbandry

- (b) Major cash and food crops
- (c) Importance and problems of agriculture
7. Major fishing areas
8. Mineral resources
9. The Industrial Zones

SCHEME OF WORK PHYSICS SS2

FIRST TERM

1. The concepts of position and distance in coordinate systems.
2. Vectors
3. Uniformly Accelerated motion
4. Projectiles
5. Basics concepts of simple harmonic motion (S.H.M.)
6. Applications of simple Harmonic motion
7. Force and equilibrium of particles/concurrent forces
8. Equilibrium of rigid / coplanar forces centre of gravity and stability
9. Equilibrium of bodies in fluids – upthrust, Archimedes and floatation principles

SECOND TERM

1. Force momentum and Newton's laws of motion
2. Application of Newton's laws' resultant forces and acceleration.
3. Simple machines
4. Pressures in fluids
5. Heat capacity
6. Latent heats
7. Practical effects of state changes:
Melting, evaporation, vapour pressures, boiling and humidity.
8. Expansion of Gases and gas laws

THIRD TERM

1. Rectilinear propagation of light and reflection of light at plane surface
2. Reflection by curved mirrors
3. Refraction of light at plane boundaries
4. Refraction and image formation by lenses
5. Technological application of lenses: Optical instruments
6. Basic concepts and propagation of wave motion
7. Musical sounds: Waves in string and pipes
8. The wave equation: Physical properties of waves.

SCHEME OF WORK CIVIC EDUCATION SS2

FIRST TERM

WEEK 1 CITIZENSHIP

1. Meaning and definition of citizenship education
2. Duties and obligation of citizens
 - Preservation of tradition, custom and culture

WEEK 2 DEMOCRACY AND NATIONAL DEVELOPMENT

1. Meaning of capitalist democracy
2. The features of capitalist democracy
 - Competition for power
1. National Consciousness, integrity and unity.

WEEK 3 DEMOCRACY AND NATIONAL DEVELOPMENT

1. Capitalist democracy

WEEK 4 IMPORTANCE OF EMPLOYMENT IN PROVERTY ALEVATION

1. Factors that guarantee employment

WEEK 5 FIRST CONTINUOUS ASSESSMENT TEST

WEEK 6 MID TERM BREAK

WEEK 7 POLITICAL APATHY

1. Reasons for political apathy
2. Why leaders fail to protect the interest of their followers?

WEEK 8 WHY LEADERS FAIL TO PROTECT THE INTEREST OF THEIR FOLLOWERS?

SECOND TERM

WEEK 1 POPULAR PARTICIPATION

1. Achieving popular participation in politics
2. Meaning of popular participation
 - Reasons why people do not participate in politics.

WEEK 2 FORMATION OF POPULAR ORGANISATION

1. Definition of popular organisation
2. Formation of popular organization

WEEK 3 HUMAN RIGHT

1. The meaning
2. Limitation to human right

WEEK 4 CONTINOUS ASSESSMENT TEST

WEEK 5 DRUG AND DRUG ABUSE

1. Meaning of drug abuse
2. The types of drugs and ways they are abused
 - Symptoms of drug abuse.

WEEK 6 EMERGENCY PERIOD

1. Meaning
2. Limitations to human right

WEEK 8 PREVENTION OF DRUG ABUSE

1. Drug law enforcement agency and administration
2. Law promulgated to curb drug abuse.

THIRD TERM

WEEK 1 RESPONSIBLE PARENTHOOD

1. The meaning
2. Role of responsible parenthood
 - Importance of responsible parenthood

WEEK 2 RELATIONSHIP/INTERPERSONAL RELATIONSHIP

1. Meaning
2. Types

WEEK 3 SKILLS THAT PROMOTE INTER-PERSONAL RELATIONSHIP

WEEK 4 INTER-COMMUNAL RELATIONSHIP

1. The meaning of inter-communal relationship
2. The importance of inter-communal relationship.

WEEK 5 FIRST CONTINUOUS ASSESSMENT TEST

WEEK 6 SKILLS FOR RESOLVING INTER-COMMUNAL CONFLICTS

WEEK 8 TRAFFIC REGULATION

1. The meaning of traffic regulations
2. Examples or types of traffic regulations.

WEEK 9 ROLES OF INDIVIDUALS AND GOVERNMENT IN ENFORCING TRAFFIC REGULATION.

SCHEME OF WORK – BIOLOGY

SS2

FIRST TERM

1. Food Production and Storage
2. Micro-Organisms in action
3. Towards better health
4. Aquatic Habitats
5. Terrestrial Habitats

SECOND TERM

1. Terrestrial Habitat
2. Reproduction in unicellular organisms and invertebrates
3. Classification of plants
4. Digestive system
5. Transport system
6. Respiratory system
7. Excretory system

THIRD TERM

1. Excretory Mechanism
2. Nutrient Cycling in Nature
3. Ecological management
4. Adaptation
5. Pollution

SCHEME OF WORK - GEOGRAPHY

SS2

FIRST TERM

1. Faulting and associated landforms
2. (a) Earthquake
(b) Volcano and volcanicity
3. Processes of denudation
(a) Weathering
(b) Mass wasting
4. Atmospheric heating:
(a) Isolation
1. Radiation
2. conduction
Convection
(b) Temperature
(c) Pressure
5. River system
(a) Processes of river erosion
(b) Profile and characteristic features
6. Features of karst Landscape and Human activities

SECOND TERM

1. Transportation : Merits and demerits of
(a) Rail Transport
(b) Road Transport
(c) Water Transport
(d) Air Transport
(e) Contributions transport to national development
2. Settlement pattern and functions
3. World population
4. World vegetation
5. Fishing Grounds
6. Environmental conservation

THIRD TERM

1. World industrial areas
2. Environmental hazards:
(a) Air pollution
(b) Water pollution
(c) Soil erosion
(d) Desertification
3. Wind as agent of denudation in arid/ semi – arid lands
(a) Features of wind erosion
(b) features of wind deposition
4. Remote Sensing and Geographic Information System (G.I.S.)

SCHEME OF WORK – MATHEMATICS

SS2

FIRST TERM

1. Logarithms
2. Approximations and Accuracy
3. Sequences and series
4. Quadratic equations
5. Simultaneous, linear and Quadratic Equations
6. Gradient of a curve and lines

SECOND TERM

1. Logical Reasoning
2. Determining Gradient of a curve by graph reading
3. Linear Inequalities
4. Algebraic Fractions
5. Chord property (Circle geometry I)
6. Circle theorems (Circle geometry II)
7. Trigonometry (Derivation of Sine rule)

THIRD TERM

1. Trigonometry (Derivation of Cosine rule)
2. Trigonometric Ratios (revision) and Angles of elevation and depression
3. Bearings
4. Statistics (grouped data)
5. Probability

SCHEME OF WORK – AGRICULTURAL SCIENCE SS2

FIRST TERM

1. Land Tenure System in Nigeria (West Africa)
2. Roles of Government in Agricultural Development
3. Forest Management Practices
4. Diseases and Pests of Crops
5. Pasture and Forage Crops
6. Weeds

SECOND TERM

1. Animal Nutrition
2. Rangeland Management and Improvement
3. Environmental Factors Affecting Agricultural Production
4. Plant Nutrients
5. Plant Nutrient Cycle

THIRD TERM

1. Sources of Farm Power
2. Farm Mechanization
3. Farm Machinery
4. Farm Survey
5. Farm Stead Planning
6. Factors of Production
7. Farm Records and Accounts
8. Farm Finance and Budget

SCHEME OF WORK – ENGLISH LANGUAGE SS2

FIRST TERM

WEEK 1 Revision of last term examination questions

WEEK 2-3 (a) Vocabulary /Oral skills development
Words Associated with Human internal Body system and function e.g heart, liver etc

(b) Grammar (structural pattern)
Noun phrase. Functions
© Literacy skills (Reading and writing)
Reading for main gist/points

WEEK 4-5 (a) Vocabulary and Oral skills development
Words Association with health eg drugs, pills etc

(b) Grammar (structural pattern)
Relative pronouns – Whom, whose, which, that, who
© Literacy skills (Reading and writing)
Reading and summarize an argument

WEEK 6-7 (a) Vocabulary and Oral skills development
Words Associated with sport
1. Names of major national games eg handball
2. Words for sporting activities. Contest etc
3. Venue for sport eg stadium
4. Sports officials eg referee
5. Games results eg winning

(b) Grammar (structural pattern)
Nominalization
Parts of speech that is nominalized
Adjectives, verbs
© Literacy skills (Reading and writing)
Reading for summary
Meaning of summary
Summarizing selected passages, reports and stories

WEEK 8-9 (a) Vocabulary and Oral skills development
Words Associated with building and construction
Meaning of building
Some words associated with buildings. Eg plumbing, plot, land etc

(b) Grammar (Structural Pattern)
Verb forms
Active verbs, passive verbs
© Literacy skills (Reading and writing)
Reading for note taking
Differences between note making and reading
Steps in effective note making

WEEK 10-11 (a) Vocabulary and Oral skills development
Words Associated with the environment
Meaning of environment/types of environmental problems
(b) Grammar (Structural Pattern)
Introduction to sequence of tenses
© Literacy skills (Reading and writing)
Reading for implied meaning
Meaning of the implied word
Identifying the implied meanings of words and sentences

SECOND TERM

WEEK 1 Revision of last term's examination question papers

WEEK 2-3 (a) Vocabulary and Oral skills development
(Word modifiers)
Meaning of a word or phrase that describes a thing, an action, or an experience, eg Greenish, appetizing, bitter, rapidly, slowly monthly etc. eg "He slowly moved to the gate"
(b) Grammar (structural pattern)
Phrasal verbs = verbs with more than one particle
Examples

Go + on, go + through, look + out for, look + down on, look + up to, look + forward to, put + for, put + up with, do + away with, keep + away from. Etc
 © Literacy Skills (Reading and writing)
 Reading different materials to discover misleading statements, faulty reasoning, inconsistency and illogicality in them.

WEEK 4-5 (a) Vocabulary and Oral Skills Development
 Prefixes as word extension, making for new meaning.
 Eg un in unhealthy, Miss in misspell etc.
 (b) Grammar (Structural Pattern)
 Adjuncts = meaning
 Adjuncts are adverbials modifying verbs
 Types of adjuncts eg place, manner, time etc
 © Literacy skills. (Reading and writing)
 Reading to paraphrase poems and dramatic works
 1. Drama
 Theme/features
 2. Poetry
 Types of poetry

WEEK 6-7 (a) Vocabulary and Oral Skills Development
 Preservative prefixes
 Meaning of the word preserve
 (b) Grammar (Structural Pattern)
 Complex sentences or structure
 Features of complex structure/sentence
 © Literacy skills (Reading and writing)
 Reading to pick out topic sentences in paragraphs and longer passages.

WEEK 8-9 (a) Vocabulary and Oral Skills Development
 Suffixes
 Meaning of a suffix and examples
 (b) Vocabulary and Oral Skills Development
 Oral composition
 Skills
 1. Narrative
 2. Descriptive
 © Literacy Skills (reading and writing)
 Reading for specific structural pattern on current issues like youth development, gender, deregulation, human rights, religious and ethnic conflicts etc.

WEEK 10-11 (a) Vocabulary and Oral Skills Development
 Spelling of words using the dictionary to check for correct spelling and meaning of words
 (b) Vocabulary and Oral Skills Development
 Oral Composition
 Expository
 Argumentative
 © Literacy skills (reading and writing)
 Expository essay
 Definition
 Style/format, introduction, sequential, presentation of ideas and a conclusion

THIRD TERM

WEEK 1 Revision of last term's examination questions
 WEEK 2-3 (a) Vocabulary and Oral Skills Development
 Speaking to persuade/convince in topics like: (i) Farmers are more important than doctors
 (ii) women are better leaders than men ©corruption destroys a nation
 (b)Vocabulary and Oral Skills Development
 Listening to identity details
 Meaning of detail. Some words that signify the presentation of details (a) as a result (b) for example, because, (c) In other words, such as consequently etc.
 © Literacy Skills (Reading and writing)
 Argumentative writing
 Definition
 Features
 WEEK 4-5 (a) Vocabulary and Oral Skills Development
 Consonants/consonant clusters at initials eg two, bride etc
 (b) Vocabulary and Oral Skills Development
 Three consonants and initial. Eg strike
 © Literacy Skills (Reading and writing)
 Letter writing
 Formal letters, types (examples of them) and features

WEEK 6-7 (a) Vocabulary and Oral Skills Development
 Unstressed Vowel Sounds
 (b) Vocabulary and Oral Skills Development
 Words with five syllables, stressed on the 1st, 2nd, 3rd and fourth syllables.
 © Literacy Skills (Reading and writing)
 Technical and Scientific writing
 Features/format

WEEK 8-9 (a) Vocabulary and Oral Skills Development
 Intonation expressing surprise/disbelief
 (b) Vocabulary and Oral Skills Development
 Intonation falling tone
 © Literacy Skills (Reading and writing)
 Creative writing
 Features of a short play or story – plot, style, setting, characterization, theme etc.

WEEK 10-11 (a) Vocabulary and Oral Skills Development
 Rising tone
 (b) Vocabulary and Oral Skills Development
 Speaking skills
 Argument, debate
 © Literacy skills (Reading and writing)
 Free writing
 A short write – up based on interest or personal experience

SCHEME OF WORK – CHEMISTRY

SS2

FIRST TERM

WEEK 1	Periodic Table
WEEK 2 & 3	Oxidation and Reduction Reactions
WEEK 4 & 5	Mass-Volume Relationship
WEEK 6	Electrolysis
WEEK 7	Electrode Potential
WEEK 8	Acid-Base Reactions
WEEK 9	Rates of Chemical Reaction
WEEK 10	Energy and Chemical Reactions

SECOND TERM

WEEK 1	Chemical Equilibrium
WEEK 2	Hydrogen Gas
WEEK 3	Oxygen Gas
WEEK 4 & 5	Chlorine and its Compounds
WEEK 6 & 7	Nitrogen and its Compounds
WEEK 8 & 9	Sulphur and its Compounds

THIRD TERM

WEEK 1 & 2	Water and Solutions
WEEK 3	Hardness of water
WEEK 4 & 5	Sulphur and its Compounds
WEEK 6 – 7	Organic Chemistry (Hydrocarbons)
WEEK 8	Benzene and its Compound
WEEK 9	Alkanols

SCHEME OF WORK FOR – COMPUTER

SS2

FIRST TERM

1. Central processing unit (CPU)
2. Memory
3. Logic circuits i
4. Logic circuits ii
5. Computer data conversion

SECOND TERM

6. Concept of computer files
7. Handling computer files
8. Word processing
9. Systems development life cycle

THIRD TERM

10. Program development
11. Algorithms and flow charts
12. Basic programming ii
13. Internet
14. Electronic mail services

SCHEME OF WORK – PHYSICS

SS3

FIRST TERM

1. The electromagnetic spectrum and dispersion of light
2. Gravitational fields
3. Electrostatic fields; capacitors
4. Direct current circuits, resistance and resistivity
5. Electrochemical cells, E.M.F, internal resistance and circuits
6. Principles of electrical measurements (shunts, multipliers, bridge circuits)
7. Electrical work, energy and power; cost.
8. Conduction of electricity through liquids (electrolysis)
9. Magnetism and magnetic fields
10. Electromagnetic induction

SECOND TERM

1. Alternating current (a.c) circuits
2. Atomic models, atomic spectra and the uncertainty principle
3. Gas-tube electronics; electronic emissions and their applications.
4. Semi-conductor electronics
5. Radio-activity
6. Technological applications of Physics (1); Uses of machines, power transmission in mechanical systems, maintenance.
7. Technological applications of Physics (2) ; Energy, dams, power stations, satellites in Nigeria.

SCHEME OF WORK – ENGLISH LANGUAGE

SS3

FIRST TERM

WEEK 1	Concord Nouns Vocabulary on Culture and Ceremonies Comprehension
WEEK 2	Pronoun Antecedent Agreement Intonation Narrative Essay Comprehension More on Nouns
WEEK 3	Grammatical terms and functions Descriptive Essay Intonation Summary writing
WEEK 4	Vocabulary on Science and Technology Oral: Monophthongs Adverbials Comprehension
WEEK 5	Argumentative Essay Adjectival Figurative Expression Monophthongs
WEEK 6	Vocabulary on Law and Order Oral: Diphthongs Verbs Comprehension

WEEK 7	Law and Order Diphthongs Consonants Clusters of consonants
WEEK 8	Consonants Clusters Stress Summary writing Comprehension Revision of WAEC Past Questions

SECOND TERM

WEEK 1	Consonants Summary Verbs Usages of pronouns
WEEK 2	Vocabulary on Technology Usages of pronoun Register of Medicine Comprehension
WEEK 3	Grammatical Terms: Adverbials Adjectival Stress Antonyms
WEEK 4	Order of Adjectives Collocations Speech writing Lexis and structure
WEEK 5	Vocabulary: Motor Vehicles More on stress Lexis Summary writing
WEEK 6	Rhymes More on verbs Figures of Speech Creative Writing Writing Articles
WEEK 7	Diphthongs Letter writing Consonants Real and unreal future
WEEK 8	Subjunctive Lexis and structure Monophongs Diphthongs
WEEK 9	General Revision Essay, letters Summary Comprehension

SCHEME OF WORK – MATHEMATICS

SS3

FIRST TERM

WEEK 1	Surds
WEEK 2	Matrices and Determinants
WEEK 3	Logarithm (Revision)
WEEK 4	Commercial Arithmetic
WEEK 11	Simultaneous, Linear and Quadratic Equation (Revision)

SECOND TERM

WEEK 1	Trigonometric Graph of Trigonometric Ratios
WEEK 2	Graphical Solution of Simultaneous Linear and Trigonometric Equations
WEEK 3	Surface Area of Sphere
WEEK 4	Volume of Sphere
WEEK 5	Longitude and Latitude
WEEK 6	Coordinate Geometry of Straight Lines
WEEK 7	Gradients and Intercept of a Straight Line
WEEK 8	Differentiation of Algebraic Fractions
WEEK 9	Integration of Simple Algebraic Functions
WEEK 10	Arc Length of a Curve

SCHEME OF WORK – MATHEMATICS

SS3

THIRD TERM

WEEK 1 – 3	Revision of Past Waec Question
WEEK 4	Areas of Segments Of A Curve
WEEK 5	Relation Between The Sector of a Circle and The Surface Area Of A Cone
WEEK 6	Surface Area and Volume of Shapes
WEEK 7	Surface Area and Volume of Frustum of a Cone and pyramid

SCHEME OF WORK – CHEMISTRY

SS3

FIRST TERM

WEEK 1 & 2	Atomic Structure
WEEK 3	Nuclear Chemistry
WEEK 4, 5 & 6	Metals and their compounds
WEEK 7 & 8	Organic Chemistry 2

SECOND TERM

WEEK 1	Revision of Non-metals and their compounds
WEEK 2	Revision of Organic Chemistry I
WEEK 3	Revision of Organic Chemistry 2
WEEK 4	Revision of Periodic table
WEEK 5	Revision of Mass-volume Relationship
WEEK 6	Acid-Base Titration Calculations
WEEK 7	Salt analysis (qualitative analysis)

SCHEME OF WORK– CIVIC EDUCATION

SS3

1. Our Values
2. Emerging Issues
3. Citizenship
4. Representative Democracy
5. Pillars of Democracy
6. Human Rights
7. Law and Order
8. Cultism
9. Citizenship
10. Democracy and National Development
11. Dangers of Political Apathy I
12. Achieving Popular Participation in Polities
13. Limitation of Human Rights
14. Drugs and Drug Abuse
15. Responsible Parenthood
16. Traffic Regulations
17. Relationships
18. Characteristics of Human Rights
19. Dangers of Political Apathy II
20. Public Service in a Democracy
21. Civic Society and Popular Participation
22. Constitutional Democracy and the Rule of Law
23. Human Trafficking.

SCHEME OF WORK– BIOLOGY

SS3

1. Regulation of the Internal Environment
2. Hormones
3. Reproduction in Man
4. Reproduction in Flowering Plants
5. Fruits and seeds
6. Genetics
7. Reproductive Behaviours in Animals
8. Evolution

SCHEME OF WORK– COMPUTER

SS3

1. Networking
2. Introduction to the world wide web
3. Cables and connectors
4. Database
5. Graphics (introduction to corel draw)
6. Programming iii (one dimensional array)
7. High level languages (HLL)
8. Overview of number bases
9. Data representation
10. Security and ethics

SCHEME OF WORK– GEOGRAPHY

SS3

INTRODUCTION TO PRACTICAL GEOGRAPHY:

1. (a) Scale, types and application
(b) Surveying
(c) Direction and Bearing
(d) Map reduction and Enlargement

(e) Methods of relief representation on Topographical map

(f) Contour representation of landforms

(g) Gradient, Cross profile and Inter-visibility

2. Description of relief on the map & Drainage pattern

3. Statistical diagrams:

(a) Bar graph (b) Line graph (c) Pie Chart (d) Histogram etc.

4. Classification of Climate

(a) Greek

(b) Koppen

5. Climate types and characteristics

6. Interpretation of Climate data

SECOND TERM

1. Geographical Regions of Nigeria

(a) The Western Highlands

(b) The Eastern Highlands

(c) The Lake Chad basin

(d) The Cross River Basin

2. Transport in Nigeria

(a) The Rail Lines

1. Problems &

2. Contributions to national development

- Inland water ways