

SS 2 SCIENCE – SECOND TERM SCHEME OF WORK

New NERDC Approved Senior Secondary Education Curriculum (SSEC) 2025

Federal Republic of Nigeria – Senior Secondary School Two (Science Class)

Weeks 1–10 | All Subjects: Core (4) + Trade (1) + Science Field (8) = 13 Subjects Total

About This Term: The Second Term of SS2 Science deepens analytical and applied skills across all subjects. English Language moves into narrative writing, poetry analysis, and formal communication; Mathematics introduces matrices, linear programming, differentiation, integration, and the sine/cosine rules. Biology covers the respiratory, excretory, and reproductive systems, then advances into genetics and evolution. Chemistry explores electrochemistry, redox reactions, acid-base equilibria, rates of reaction, and energy changes. Physics covers the full optics sequence (reflection, refraction, lenses, optical instruments), the electromagnetic spectrum, magnetism, and electromagnetic induction. Agricultural Science focuses on soil science, crop improvement, storage, and veterinary services. Further Mathematics covers permutations, combinations, binomial theorem, probability, statistics, correlation/regression, and 3D vectors. Geography moves through plate tectonics, vulcanicity, earthquakes, map reading, settlement, and population geography. Foods & Nutrition covers menu planning, cooking methods, special diets, and food entrepreneurship. Technical Drawing covers engineering components (fasteners, cams, gears) and building drawing. All 13 subjects are covered across Weeks 1–10. Week 7 = Mid-term Assessment. Week 11 = General Revision. Weeks 12–13 = Examinations.

Note on Trade Subjects (shaded green): Each SS2 student must offer ONE trade subject. In the Second Term: Computer Hardware & GSM Repairs advances into fault diagnosis, screen/battery/motherboard repair, and water damage repair; Livestock Farming covers pig, rabbit, snail, and bee production, with an introduction to fish farming; Beauty & Cosmetology covers nail technology, waxing, make-up artistry, skin care, and body treatments; Horticulture & Crop Production covers vegetable production from land preparation through to post-harvest management and floriculture.

SECOND TERM WEEKLY SCHEME OF WORK

WEEK	SUBJECT	TOPIC / CONTENT
Week 1 NOTE: Revision of SS2 First Term work across all subjects. Teachers assess gaps before introducing new Second Term content.		
Week 1	English Language	Revision of First Term work – comprehension, argumentative and expository essays, summary and letter writing; introduction to narrative essay structure and prose fiction.
	General Mathematics	Revision of First Term topics – logarithms, surds, variation, progressions, statistics, and probability; introduction to matrices and determinants.
	Citizenship & Heritage Studies	Revision of First Term topics; introduction to democracy and democratic values – meaning, principles, and types of democracy.
	Digital Technologies	Revision of First Term topics; introduction to artificial intelligence – definition, history, and everyday applications of AI.
	Biology	Revision of classification and human body systems; introduction to the respiratory system – organs, breathing mechanism, and gaseous exchange.
	Chemistry	Revision of First Term chemistry topics; introduction to electrochemistry – electrolysis, Faraday's laws, and applications.
	Physics	Revision of First Term physics; introduction to light – the nature of light, reflection at plane mirrors, and the laws of reflection.
	Agricultural Science	Revision of First Term Agricultural Science; introduction to soil science – origin, formation, and classification of soils.
	Further Mathematics	Revision of First Term Further Mathematics; introduction to permutations and combinations – factorial notation and the multiplication principle.
	Geography	Revision of First Term geography; introduction to the theory of plate tectonics – the concept of moving plates and types of plate boundaries.

WEEK	SUBJECT	TOPIC / CONTENT
	Foods and Nutrition	Revision of First Term nutrition topics; introduction to menu planning – principles, factors affecting menu choice, and types of menus.
	Technical Drawing	Revision of First Term drawing topics; introduction to pictorial drawing – cabinet oblique and isometric as warm-up exercises.
	TRADE: Computer Hardware & GSM Repairs	Revision of First Term trade topics; introduction to GSM phone faults – common software and hardware faults and basic diagnostic approach.
	TRADE: Livestock Farming	Revision of First Term trade topics; introduction to pig production – breeds, characteristics, and economic importance of pigs.
	TRADE: Beauty & Cosmetology	Revision of First Term trade topics; introduction to nail technology – anatomy of the nail, nail shapes, and tools of the nail technician.
	TRADE: Horticulture & Crop Production	Revision of First Term trade topics; introduction to vegetable crop production – importance, classification, and selection of suitable vegetable crops.
Week 2		
Week 2	English Language	Narrative essay writing – structure (introduction, rising action, climax, falling action, resolution) and use of literary devices.
	General Mathematics	Matrices – definition, types (row, column, square, identity, zero), addition, subtraction, and scalar multiplication of matrices.
	Citizenship & Heritage Studies	Democratic institutions – the executive, legislature, and judiciary; separation of powers and checks and balances.
	Digital Technologies	Machine learning basics – supervised and unsupervised learning; real-life examples in healthcare, agriculture, and education.
	Biology	The respiratory system – the structure of the lungs, external and internal respiration, and the mechanics of breathing.
	Chemistry	Electrolysis – the electrolytic cell; electrolytes and non-electrolytes; discharge of ions at electrodes.
	Physics	Reflection at curved mirrors – concave and convex mirrors, principal focus, centre of curvature, and mirror formula.
	Agricultural Science	Soil composition and texture – mineral particles, organic matter, water, and air; soil texture classes and their properties.
	Further Mathematics	Permutations – linear permutations, circular permutations, and permutations with repeated elements.
	Geography	Vulcanicity – volcanic landforms (volcanoes, lava plateaux, geysers, hot springs) and their distribution.
	Foods and Nutrition	Menu planning for different groups – infants, school-age children, adolescents, pregnant and lactating mothers.
	Technical Drawing	Nuts, bolts, and fasteners – representation and conventions in engineering drawing; screw threads in section.
	TRADE: Computer Hardware & GSM Repairs	Diagnosing smartphone software faults – boot failures, frozen screens, and app crashes; use of factory reset and flashing tools.
	TRADE: Livestock Farming	Pig housing and management – pen design, space allowances, bedding materials, and daily management routine.
	TRADE: Beauty & Cosmetology	Manicure procedure – tools, products, and step-by-step manicure process on a client or mannequin hand.
	TRADE: Horticulture & Crop Production	Land preparation for vegetable production – clearing, tilling, ridging, and bed formation.
Week 3		

WEEK	SUBJECT	TOPIC / CONTENT
Week 3	English Language	Comprehension – prose fiction: identifying theme, character, setting, and author's purpose in an extract.
	General Mathematics	Matrices – matrix multiplication; conditions for multiplication; unit and zero matrix properties.
	Citizenship & Heritage Studies	Electoral processes in Nigeria – INEC, voter registration, modes of voting, and electoral malpractice.
	Digital Technologies	Robotics and automation – types of robots, how robots are programmed, and their applications in manufacturing and medicine.
	Biology	Excretion – the kidneys: structure of the kidney and nephron; urine formation (ultrafiltration, selective reabsorption).
	Chemistry	Electrolysis applications – electroplating, purification of metals (copper refining), and extraction of aluminium.
	Physics	Refraction of light – laws of refraction, refractive index, Snell's law, and real and apparent depth.
	Agricultural Science	Soil fertility – meaning, factors affecting fertility, and nutrient cycling in the soil.
	Further Mathematics	Combinations – nCr formula; applications in probability and real-life selection problems.
	Geography	Earthquakes – causes, measurement (Richter scale, Mercalli), and effects on people and the environment.
	Foods and Nutrition	Cooking methods – moist heat methods: boiling, steaming, simmering, and pressure cooking; effects on nutrients.
	Technical Drawing	Pipe joints and valves – representation of flanged joints, gate valves, and globe valves in engineering drawing.
	TRADE: Computer Hardware & GSM Repairs	Diagnosing hardware faults – broken screens, charging faults, speaker/microphone failure; fault-finding techniques.
	TRADE: Livestock Farming	Pig nutrition – nutrient requirements, types of pig feeds, and formulation of simple rations for pigs.
	TRADE: Beauty & Cosmetology	Pedicure procedure – foot care tools, products, and the complete pedicure sequence.
	TRADE: Horticulture & Crop Production	Seedling production and transplanting – seed sowing in trays/beds, hardening-off, and transplanting techniques.
Week 4		
Week 4	English Language	Oral English – vowel sounds; classification of English vowels (short, long, diphthongs) and their production.
	General Mathematics	Determinants and inverse of 2×2 matrices – computing determinants, finding the inverse, and solving simultaneous equations using matrices.
	Citizenship & Heritage Studies	Political parties and their roles – formation, functions, and challenges of political parties in a democracy.
	Digital Technologies	Cybersecurity threats – types (phishing, ransomware, DDoS, social engineering) and defence strategies.
	Biology	Excretion – the skin and lungs as excretory organs; osmoregulation and the role of the kidney in water balance.
	Chemistry	Redox reactions – concept of oxidation and reduction; oxidation states; oxidizing and reducing agents.
	Physics	Total internal reflection – critical angle, conditions for total internal reflection, and applications (optical fibres, periscopes).

WEEK	SUBJECT	TOPIC / CONTENT
	Agricultural Science	Soil pH and liming – meaning of pH, acidic and alkaline soils, effects on crop growth, and the process of liming.
	Further Mathematics	Binomial theorem – the binomial expansion $(a+b)^n$; Pascal's triangle; finding specific terms in an expansion.
	Geography	Map reading and interpretation – topographic maps, contour lines, gradients, and cross-sections.
	Foods and Nutrition	Cooking methods – dry heat methods: frying, baking, grilling, and roasting; comparison of nutrient retention.
	Technical Drawing	Cams and mechanisms – representation of disc cams, followers, and linkage mechanisms.
	TRADE: Computer Hardware & GSM Repairs	Screen replacement – types of phone displays (LCD, AMOLED), tools required, and step-by-step screen swap procedure.
	TRADE: Livestock Farming	Pig health management – common pig diseases (ASF, swine fever, mange), prevention, and biosecurity measures.
	TRADE: Beauty & Cosmetology	Nail art and gel nails – types of nail enhancements (gel, acrylic, silk wrap) and basic nail art techniques.
	TRADE: Horticulture & Crop Production	Irrigating vegetable crops – importance of water, irrigation methods suited to small-scale vegetable production.
Week 5		
Week 5	English Language	Letter writing – formal letters: structure, tone, and purpose; formal letters to organisations, complaints, and applications.
	General Mathematics	Coordinate geometry – midpoint theorem, gradient of perpendicular lines, and the equation of a circle.
	Citizenship & Heritage Studies	Pressure groups and civil society – definitions, types, and their roles in a democratic society.
	Digital Technologies	Cloud computing – meaning, types (IaaS, PaaS, SaaS), advantages, and popular cloud services (Google Drive, AWS, iCloud).
	Biology	Reproduction in humans – male and female reproductive systems: structures, functions, and the menstrual cycle.
	Chemistry	Acids and bases – Arrhenius, Brønsted–Lowry, and Lewis definitions; pH scale and strength of acids and bases.
	Physics	Lenses – converging and diverging lenses; real and virtual images; the lens formula and magnification.
	Agricultural Science	Soil erosion – types (sheet, rill, gully), causes, and conservation methods (terracing, strip-cropping, afforestation).
	Further Mathematics	Probability theory – classical, empirical, and axiomatic probability; addition and multiplication rules.
	Geography	Settlement geography – rural and urban settlements; factors influencing settlement patterns.
	Foods and Nutrition	Meal service and table setting – types of meal service (American, English, French, cafeteria) and proper table lay-up.
	Technical Drawing	Gears and gear trains – spur gears, bevel gears, and representation of simple gear trains.
	TRADE: Computer Hardware & GSM Repairs	Battery replacement and charging issues – identifying battery faults, safe handling, and replacing batteries in common smartphone models.
	TRADE: Livestock Farming	Rabbit production – breeds, housing (hutch design), feeding, and health management of rabbits.

WEEK	SUBJECT	TOPIC / CONTENT
	TRADE: Beauty & Cosmetology	Skin care services – facial treatments: cleansing, exfoliation, steaming, masking, and moisturising.
	TRADE: Horticulture & Crop Production	Fertilizer application in vegetable crops – types of fertilizers, rates, timing, and application methods.
Week 6		
Week 6	English Language	Vocabulary development – words of Latin and Greek origin; technical vocabulary in science and social studies.
	General Mathematics	Linear programming – graphical method: identifying feasible region, objective function, and optimal solution.
	Citizenship & Heritage Studies	Federalism in Nigeria – features, advantages, and challenges; the structure of Nigeria's federal system.
	Digital Technologies	Internet of Things (IoT) – concept, examples (smart home, smart agriculture), and privacy concerns.
	Biology	Reproduction – fertilisation, pregnancy, and development: implantation, placenta function, and foetal development stages.
	Chemistry	Salts – classification, preparation methods (neutralisation, precipitation, double decomposition), and uses.
	Physics	Optical instruments – the eye; structure, defects (short-sight, long-sight, astigmatism), and their corrections with lenses.
	Agricultural Science	Crop improvement – objectives and methods: selection, hybridisation, and introduction; the importance of improved varieties.
	Further Mathematics	Conditional probability and independent events – $P(A B)$, Bayes' theorem (introductory level), and tree diagrams.
	Geography	Population geography – factors influencing population distribution; population density and growth in Nigeria and Africa.
	Foods and Nutrition	Beverages – classification (alcoholic and non-alcoholic), preparation of common Nigerian beverages (zobo, kunu, fura da nono).
	Technical Drawing	Building drawing – walls, floors, and roofs: representation of brick, block, timber, and roofing materials.
	TRADE: Computer Hardware & GSM Repairs	Motherboard and IC repair – introduction to soldering, common motherboard faults, and the use of a multimeter.
	TRADE: Livestock Farming	Snail farming (heliculture) – importance, housing (snailery), feeding, and management of giant African land snails.
	TRADE: Beauty & Cosmetology	Waxing and hair removal services – methods (soft wax, hard wax, threading, sugaring); safety and aftercare.
	TRADE: Horticulture & Crop Production	Pest and disease control in vegetable crops – identification of common pests, pathogens, and integrated crop management.
Week 7 (Mid-Term Review & Assessment – all subjects)		
Week 7	English Language	Speech sounds – consonant sounds, clusters, and assimilation; mid-term test on Weeks 1–6 work.
	General Mathematics	Differentiation – first principles, rules (chain, product, quotient), and application to rates of change; mid-term test.
	Citizenship & Heritage Studies	Local government in Nigeria – structure, functions, and challenges of local government administration; mid-term test.
	Digital Technologies	Software development lifecycle – planning, analysis, design, implementation, testing, and maintenance; mid-term test.

WEEK	SUBJECT	TOPIC / CONTENT
	Biology	Genetics and heredity – Mendel's laws (dominance, segregation, independent assortment); monohybrid crosses; mid-term test.
	Chemistry	Rates of reaction – factors affecting rate (temperature, concentration, surface area, catalyst); mid-term test.
	Physics	Electromagnetic spectrum – types, order, properties, and uses of electromagnetic waves; mid-term test.
	Agricultural Science	Plant breeding – methods and benefits; introduction to genetically modified organisms (GMOs); mid-term test.
	Further Mathematics	Statistics – variance, standard deviation, and skewness for grouped data; mid-term test.
	Geography	Population dynamics – birth rate, death rate, migration, and natural increase; population policies; mid-term test.
	Foods and Nutrition	Nigerian traditional foods – classification, preparation methods, and nutritive value of selected local dishes; mid-term test.
	Technical Drawing	Building drawing – doors and windows: conventional representation; mid-term test with drawing exercises.
	TRADE: Computer Hardware & GSM Repairs	Mid-term tests and assignments – revision of fault diagnosis, screen and battery replacement, and motherboard repair.
	TRADE: Livestock Farming	Mid-term tests and assignments – revision of pig, rabbit, and snail production topics.
	TRADE: Beauty & Cosmetology	Make-up artistry – tools, products (foundation, concealer, contour, highlight), and face-chart analysis; mid-term test.
	TRADE: Horticulture & Crop Production	Mid-term tests and assignments – revision of vegetable production, fertilizer use, and pest/disease management.
Week 8		
Week 8	English Language	Comprehension – poetry appreciation: identifying poetic devices (rhyme, rhythm, imagery, symbolism) in a given poem.
	General Mathematics	Integration – reverse of differentiation; indefinite and definite integrals; application to area under a curve.
	Citizenship & Heritage Studies	Inter-governmental relations – fiscal federalism, revenue allocation, and the role of the RMAFC.
	Digital Technologies	Data science and big data – collecting, cleaning, analysing and visualizing data; role of a data scientist.
	Biology	Genetics – dihybrid crosses; co-dominance and incomplete dominance; sex-linked traits and the role of chromosomes.
	Chemistry	Equilibrium – dynamic chemical equilibrium; Le Chatelier's principle; the equilibrium constant K_c .
	Physics	Magnetism – properties of magnets, magnetic fields, domain theory, and methods of magnetisation and demagnetisation.
	Agricultural Science	Crop storage – post-harvest losses, traditional and modern storage methods; grain storage structures.
	Further Mathematics	Correlation and regression – scatter diagrams, product-moment correlation coefficient, and equation of the regression line.
	Geography	Transportation and communication – modes of transport, infrastructure challenges, and their effects on economic development in Nigeria.
	Foods and Nutrition	Special diets – therapeutic diets for common conditions: diabetes, hypertension, obesity, and anaemia.

WEEK	SUBJECT	TOPIC / CONTENT
	Technical Drawing	Building drawing – floor plan and elevation: drawing a simple one-storey house plan to scale.
	TRADE: Computer Hardware & GSM Repairs	Introduction to iPhone/iOS repair – differences from Android; iPhone disassembly precautions and common iPhone faults.
	TRADE: Livestock Farming	Bee keeping (apiculture) – importance of bees, types of hives (log, frame, Kenya top-bar), and honey harvesting.
	TRADE: Beauty & Cosmetology	Make-up application – step-by-step day and evening make-up application on a live model.
	TRADE: Horticulture & Crop Production	Harvest and post-harvest management of vegetables – maturity indices, harvesting methods, grading, and packaging.
Week 9		
Week 9	English Language	Summary writing – techniques for effective summarising; practice with comprehension passages from past WAEC papers.
	General Mathematics	Trigonometry – sine and cosine rules; area of a triangle; applications to surveying and navigation problems.
	Citizenship & Heritage Studies	Gender equality and women's empowerment – gender roles, legal frameworks (CEDAW), and challenges in Nigeria.
	Digital Technologies	Mobile app development concepts – types of apps (native, web, hybrid), UI/UX principles, and app monetisation.
	Biology	Evolution – Darwin's theory of natural selection; evidence for evolution (fossils, comparative anatomy, genetics).
	Chemistry	Energy changes in reactions – exothermic and endothermic reactions; Hess's law and bond energy calculations.
	Physics	Electromagnetic induction – Faraday's and Lenz's laws; the AC generator and transformer (step-up and step-down).
	Agricultural Science	Veterinary services and disease control – government extension services, the role of the vet, and common vaccination schedules.
	Further Mathematics	Vectors in three dimensions – unit vectors i, j, k ; scalar and vector products; angle between two vectors.
	Geography	Agricultural land use – types of farming (subsistence, commercial, mixed), major crops, and factors affecting agriculture in Nigeria.
	Foods and Nutrition	Food entrepreneurship – starting a food business, pricing, packaging, marketing, and food safety regulations.
	Technical Drawing	Building drawing – site plan and services: representation of plumbing, drainage, and electrical layouts.
	TRADE: Computer Hardware & GSM Repairs	Water damage repair – assessment, drying techniques (isopropyl alcohol wash), board cleaning, and component replacement.
	TRADE: Livestock Farming	Fisheries management (basic) – importance of fish farming, pond construction, and management of catfish in a pond.
	TRADE: Beauty & Cosmetology	Body treatments – anatomy of the skin, body scrub preparation and application, and basic back massage techniques.
	TRADE: Horticulture & Crop Production	Floriculture – flower production (cut flowers and potted plants), care, packaging, and marketing of flowers.
Week 10		
Week 10	English Language	General revision of all Second Term topics – narrative essay, formal letters, comprehension (prose & poetry), oral English, vocabulary, summary; revision test.

WEEK	SUBJECT	TOPIC / CONTENT
	General Mathematics	General revision of all Second Term topics – matrices, coordinate geometry, linear programming, differentiation, integration, and trigonometry; revision test.
	Citizenship & Heritage Studies	General revision of all Second Term topics – democracy, institutions, electoral processes, federalism, local government, gender equality; revision test.
	Digital Technologies	General revision of all Second Term topics – AI, robotics, cybersecurity, cloud, IoT, software development, data science, mobile apps; revision test.
	Biology	General revision of all Second Term topics – respiratory, excretory, and reproductive systems; genetics and heredity; evolution; revision test.
	Chemistry	General revision of all Second Term topics – electrochemistry, redox, acids and bases, salts, rates of reaction, equilibrium, and energy changes; revision test.
	Physics	General revision of all Second Term topics – light (reflection, refraction, TIR), lenses, optical instruments, EM spectrum, magnetism, and electromagnetic induction; revision test.
	Agricultural Science	General revision of all Second Term topics – soil science, fertility, erosion, crop improvement and storage, plant breeding, veterinary services; revision test.
	Further Mathematics	General revision of all Second Term topics – permutations, combinations, binomial theorem, probability, statistics (variance/SD), correlation/regression, 3D vectors; revision test.
	Geography	General revision of all Second Term topics – plate tectonics, vulcanicity, earthquakes, map reading, settlement, population, transport/communication, agricultural land use; revision test.
	Foods and Nutrition	General revision of all Second Term topics – menu planning, cooking methods, meal service, beverages, traditional foods, special diets, food entrepreneurship; revision test.
	Technical Drawing	General revision of all Second Term topics – fasteners, pipe joints, cams, gears, building drawing (floor plan, elevation, site plan); revision test with drawing exercises.
	TRADE: Computer Hardware & GSM Repairs	Safety, professionalism, and general revision – workshop safety, customer relations, pricing repairs; revision of all Second Term trade topics; revision test.
	TRADE: Livestock Farming	Farm records and general revision – types of farm records; revision of pig, rabbit, snail, beekeeping, and fish-farming topics; revision test.
	TRADE: Beauty & Cosmetology	Portfolio and general revision – building a salon service menu, pricing, client record cards; revision of all Second Term topics; revision test.
	TRADE: Horticulture & Crop Production	General revision of all Second Term topics – vegetable production, irrigation, fertilizer use, pest/disease, post-harvest, floriculture; revision test.
Week 11 GENERAL REVISION across all 13 subjects – consolidation of Second Term topics; intensive past-question practice and group review sessions.		
Week 12 SECOND TERM EXAMINATION – objective and theory papers in all 13 subjects; trade subjects additionally assessed by practical examination.		
Week 13 Marking, result compilation, and end-of-term activities; resumption date for Third Term communicated to students and parents.		

SECOND TERM SUBJECT OVERVIEW

SUBJECT	SECOND TERM FOCUS AREAS
English Language	Narrative Essay, Prose Fiction Comprehension, Oral English (Vowels & Consonants), Formal Letters, Vocabulary (Latin/Greek roots), Poetry Appreciation, Summary Writing
General Mathematics	Matrices & Determinants, Coordinate Geometry (circles & midpoints), Linear Programming, Differentiation, Integration, Trigonometry (Sine & Cosine Rules)
Citizenship & Heritage Studies	Democracy & Democratic Institutions, Electoral Processes, Political Parties, Pressure Groups, Federalism, Local Government, Inter-governmental Relations, Gender Equality
Digital Technologies	Artificial Intelligence, Machine Learning, Robotics, Cybersecurity, Cloud Computing, IoT, Software Development Lifecycle, Data Science, Mobile App Development
Biology	Respiratory System, Excretory System (kidney, skin), Human Reproductive System, Genetics (Mendel's Laws, Mono- & Dihybrid Crosses, Sex-linked Traits), Evolution (Darwin)
Chemistry	Electrochemistry (electrolysis, applications), Redox Reactions, Acids & Bases (pH), Salts (preparation & uses), Rates of Reaction, Chemical Equilibrium (Le Chatelier), Energy Changes (Hess's Law)
Physics	Reflection (plane & curved mirrors), Refraction & Snell's Law, Total Internal Reflection, Lenses & Optical Instruments, Electromagnetic Spectrum, Magnetism, Electromagnetic Induction, AC Generator & Transformer
Agricultural Science	Soil Formation & Composition, Soil Fertility & pH, Soil Erosion & Conservation, Crop Improvement & Breeding, Crop Storage (post-harvest), Veterinary Services & Vaccination
Further Mathematics	Permutations & Combinations, Binomial Theorem, Probability (classical, conditional, independent events), Statistics (variance, SD, skewness), Correlation & Regression, Vectors in 3D
Geography	Plate Tectonics, Vulcanicity, Earthquakes, Map Reading & Interpretation, Settlement Geography, Population Dynamics & Policies, Transportation & Communication, Agricultural Land Use
Foods and Nutrition	Menu Planning, Cooking Methods (moist & dry heat), Meal Service & Table Setting, Beverages (Nigerian), Traditional Nigerian Foods, Special/Therapeutic Diets, Food Entrepreneurship
Technical Drawing	Nuts, Bolts & Fasteners, Pipe Joints & Valves, Cams & Mechanisms, Gears & Gear Trains, Building Drawing (floor plan, elevation, doors/windows, site plan & services)
TRADE: Computer Hardware & GSM Repairs	Software & Hardware Fault Diagnosis, Screen Replacement, Battery Replacement, Motherboard/IC Repair, iPhone/iOS Repair, Water Damage Repair, Safety & Professionalism
TRADE: Livestock Farming	Pig Production & Health Management, Rabbit Production, Snail Farming (heliculture), Beekeeping (apiculture), Fish Farming (catfish), Farm Records
TRADE: Beauty & Cosmetology	Nail Technology (manicure, pedicure, nail art), Waxing & Hair Removal, Make-up Artistry, Skin Care & Body Treatments, Portfolio & Salon Business Skills
TRADE: Horticulture & Crop Production	Vegetable Crop Production (land prep, seedlings, irrigation, fertilizer), Pest & Disease Control, Harvest & Post-harvest Management, Floriculture (cut flowers & potted plants)

Important Notes: Week 7 = Mid-term Tests/Review & Assessment (all subjects). Week 11 = General Revision across all subjects. Week 12 = Second Term Examination (objective and theory). Week 13 = Marking, result compilation, and end-of-term activities. Trade subjects require both written and practical assessment.

Abbreviations: SSEC = Senior Secondary Education Curriculum | NERDC = Nigerian Educational Research and Development Council | GSM = Global System for Mobile communications | AI = Artificial Intelligence | IoT = Internet of Things | ASF = African Swine Fever | PPR = Peste des Petits Ruminants | CEDAW = Convention on the Elimination of All Forms of Discrimination Against Women | INEC = Independent National Electoral Commission | RMAFC = Revenue Mobilisation Allocation and Fiscal Commission | GMO = Genetically Modified Organism | SD = Standard Deviation

Source / Basis: New NERDC Approved SSEC 2025. Weekly topics compiled and cross-referenced from the 2025 NERDC Senior Secondary Education Curriculum, itsmyschoollibrary.wordpress.com, and schemeofwork.com (individual subject scheme-of-work pages), verified for the 2025/2026 session. Schools should verify against their state ministry of education or [NERDC.gov.ng](https://www.nerdc.gov.ng) circulars before final adoption. For SS2 Science students from the 2025/2026 session onwards.