

SS 2 SCIENCE – THIRD 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 Third Term of SS2 Science completes the SS2 curriculum and provides intensive preparation for external examinations (WAEC/NECO/NABTEB). English Language covers speech writing, descriptive essays, non-fiction comprehension, and a WAEC mock. Mathematics introduces financial mathematics, modular arithmetic, transformation geometry, loci, and cumulative frequency. Biology completes ecology (food webs, nutrient cycles, population dynamics), environmental pollution, biotechnology, conservation, and adaptation. Chemistry covers the full organic chemistry sequence (alkanes through esters), polymers, and water chemistry. Physics covers electrostatics, current electricity, nuclear physics, and electronics. Agricultural Science addresses agribusiness, ICT in agriculture, and national agricultural policies. Further Mathematics completes complex numbers, differential equations, numerical methods, proof by induction, and linear transformations. Geography covers economic geography, energy and environment, urbanisation, and regional Africa. All subjects include WAEC-style past-question revision in Weeks 9–10, with a full mock examination in Week 10. Trade subjects conclude with practical assessments. Week 7 = Mid-Term Assessment. Week 11 = General Revision. Weeks 12–13 = Third Term Examinations.

Note on Trade Subjects (shaded green): In the Third Term: Computer Hardware & GSM Repairs advances into peripheral repair (printers, CCTV, UPS), data recovery, Wi-Fi setup, and business professionalism; Livestock Farming covers cooperatives, extension services, value-added products, sustainability, aquaponics, and insect farming; Beauty & Cosmetology covers spa/aromatherapy, eyebrow/lash services, permanent make-up, advanced colouring, and salon entrepreneurship; Horticulture & Crop Production covers landscape design, pruning, greenhouse cultivation, hydroponics, and crop rotation. All four trades culminate in a full practical examination.

THIRD TERM WEEKLY SCHEME OF WORK

WEEK	SUBJECT	TOPIC / CONTENT
Week 1 NOTE: Revision of SS2 Second Term work across all subjects. Teachers consolidate gaps and prepare students for final SS2 content.		
Week 1	English Language	Revision of Second Term topics – narrative essays, formal letters, poetry, summary writing; introduction to speech writing – structure and features of a formal speech.
	General Mathematics	Revision of Second Term topics – matrices, differentiation, integration, trigonometry; introduction to sequences and series review and financial mathematics.
	Citizenship & Heritage Studies	Revision of Second Term topics; introduction to international organisations – the United Nations: organs, objectives, and Nigeria's membership.
	Digital Technologies	Revision of Second Term topics; introduction to systems analysis and design – the systems development process and tools such as DFDs and ERDs.
	Biology	Revision of genetics and evolution; introduction to ecology – meaning, scope, biotic and abiotic factors, and the concept of the ecosystem.
	Chemistry	Revision of equilibrium and energy changes; introduction to organic chemistry – homologous series, functional groups, and IUPAC nomenclature.
	Physics	Revision of electromagnetic induction; introduction to electrostatics – electric charge, Coulomb's law, and electric fields.
	Agricultural Science	Revision of crop improvement and storage; introduction to agricultural finance – credit, loans, and cooperative societies in farming.
	Further Mathematics	Revision of vectors and statistics; introduction to complex numbers – definition, real and imaginary parts, and the Argand diagram.

WEEK	SUBJECT	TOPIC / CONTENT
	Geography	Revision of population geography; introduction to economic geography – meaning of economic activities and the primary sector (agriculture, mining, fishing, forestry).
	Foods and Nutrition	Revision of Second Term nutrition topics; introduction to food hygiene and safety – personal hygiene, kitchen hygiene, and the food safety chain.
	Technical Drawing	Revision of building drawing; introduction to development of surfaces – development of prisms (cube and rectangular prism).
	TRADE: Computer Hardware & GSM Repairs	Revision of Second Term trade topics; introduction to computer networking in repair shops – setting up a local area network (LAN) for a small repair workshop.
	TRADE: Livestock Farming	Revision of Second Term trade topics; introduction to farm business management – farm planning, budgeting, and profit/loss analysis.
	TRADE: Beauty & Cosmetology	Revision of Second Term trade topics; introduction to spa treatments – types of spa services, hydrotherapy, and the role of the spa technician.
	TRADE: Horticulture & Crop Production	Revision of Second Term trade topics; introduction to landscape design – principles of design (balance, proportion, rhythm, unity) and landscape elements.
Week 2		
Week 2	English Language	Speech writing – types (ceremonial, deliberative, epideictic); constructing arguments and using rhetorical devices in a speech.
	General Mathematics	Financial mathematics – simple and compound interest; annuities and present value; depreciation calculations.
	Citizenship & Heritage Studies	The African Union (AU) – objectives, organs, and the role of Nigeria in continental integration.
	Digital Technologies	Systems analysis – data flow diagrams (DFDs): symbols, levels (context, level-0, level-1) and drawing a DFD for a simple system.
	Biology	Ecology – food chains and food webs; trophic levels; energy flow and the 10% rule in ecosystems.
	Chemistry	Alkanes – general formula, naming, physical properties, and combustion reactions; fossil fuels and environmental impact.
	Physics	Electric potential and capacitance – potential difference, work done in moving a charge, and the parallel plate capacitor.
	Agricultural Science	Agricultural insurance and taxation – importance, types of agricultural insurance, and tax obligations for farmers.
	Further Mathematics	Complex numbers – arithmetic operations (addition, subtraction, multiplication, division); modulus and argument.
	Geography	Secondary and tertiary economic activities – manufacturing, trade, tourism, and transport; factors of industrial location.
	Foods and Nutrition	Food contamination – sources (biological, chemical, physical) and the HACCP concept (Hazard Analysis Critical Control Points).
	Technical Drawing	Development of surfaces – development of cylinders and cones; true-length lines.
	TRADE: Computer Hardware & GSM Repairs	Printer types and setup – inkjet, laser, and thermal printers; installation, maintenance, and common fault diagnosis.
	TRADE: Livestock Farming	Agricultural cooperatives – types, benefits, registration, and management of a farming cooperative.

WEEK	SUBJECT	TOPIC / CONTENT
	TRADE: Beauty & Cosmetology	Hydrotherapy and spa services – types of baths (Jacuzzi, steam, salt), their benefits, and procedures.
	TRADE: Horticulture & Crop Production	Hardscape and softscape elements – pathways, edging, water features, lawn areas, and trees in landscape design.
Week 3		
Week 3	English Language	Comprehension and summary – inferential questions; drawing conclusions from unseen passages.
	General Mathematics	Modular arithmetic – clock arithmetic, congruences, and applications in coding and computers.
	Citizenship & Heritage Studies	ECOWAS – origin, objectives, organs, and achievements; free movement and trade protocols.
	Digital Technologies	Database design – entity-relationship diagrams (ERDs): entities, attributes, relationships, and cardinality.
	Biology	Ecology – ecological pyramids (number, biomass, energy); nutrient cycling (nitrogen cycle, carbon cycle).
	Chemistry	Alkenes – general formula, naming; addition reactions (hydrogenation, halogenation, hydration); polymerisation (addition polymers).
	Physics	Current electricity – Ohm's law; resistance, resistors in series and parallel; electromotive force and internal resistance.
	Agricultural Science	Agricultural marketing – market structures, channels of distribution, and government intervention in agricultural markets.
	Further Mathematics	Complex numbers – De Moivre's theorem (introductory); polar form and conversion between polar and rectangular form.
	Geography	Energy resources – fossil fuels, hydroelectric power, solar, wind, and nuclear energy; energy issues in Nigeria and Africa.
	Foods and Nutrition	Food legislation and standards – NAFDAC, SON, and Codex Alimentarius; reading food labels and understanding nutritional information.
	Technical Drawing	Intersection of solids – intersection of a cylinder with a prism; drawing the curve of intersection.
	TRADE: Computer Hardware & GSM Repairs	CCTV and security systems – components of a CCTV system, installation principles, and DVR/NVR configuration.
	TRADE: Livestock Farming	Agricultural extension services – role of extension agents, technology dissemination, and farmer field schools.
	TRADE: Beauty & Cosmetology	Aromatherapy – essential oils, carrier oils, blending rules, and the application of aromatherapy massage.
	TRADE: Horticulture & Crop Production	Pruning and training of plants – objectives, tools, methods (crown reduction, topiary, espalier), and safety.
Week 4		
Week 4	English Language	Oral English – intonation patterns in questions and statements; contractions and weak forms in connected speech.
	General Mathematics	Vectors in the plane – vector addition, subtraction, scalar multiplication; unit vectors; position vectors.
	Citizenship & Heritage Studies	Commonwealth of Nations – objectives, structure, and Nigeria's role; selected regional organisations (G20, World Bank, IMF).
	Digital Technologies	Structured Query Language (SQL) – basic commands: CREATE TABLE, INSERT, SELECT, WHERE, ORDER BY, and UPDATE.

WEEK	SUBJECT	TOPIC / CONTENT
	Biology	Environmental pollution – types (air, water, land, noise); sources, effects on organisms, and control measures.
	Chemistry	Alkynes and aromatic compounds – ethyne; benzene structure and stability; uses of aromatic compounds.
	Physics	Electrical energy and power – $P = IV = I^2R = V^2/R$; household wiring, fuses, earthing, and safety.
	Agricultural Science	Agribusiness and entrepreneurship – meaning, characteristics, and opportunities in agribusiness; writing a simple agribusiness plan.
	Further Mathematics	Differential equations – first-order separable differential equations; general and particular solutions with initial conditions.
	Geography	Environmental issues – deforestation, desertification, land degradation, and climate change; environmental management strategies.
	Foods and Nutrition	Nigerian street foods – common street foods, their hygiene risks, nutritional value, and food safety considerations.
	Technical Drawing	Computer-Aided Design (CAD) – introduction to CAD, benefits, and the interface of common CAD software (e.g. AutoCAD / LibreCAD).
	TRADE: Computer Hardware & GSM Repairs	UPS and power management – types of UPS (offline, online, line-interactive), installation, testing, and battery replacement.
	TRADE: Livestock Farming	Value addition in animal products – milk processing (yoghurt, cheese), meat processing (sausage, suya spice), and egg marketing.
	TRADE: Beauty & Cosmetology	Eyelash and eyebrow services – eyebrow shaping (threading, waxing, tinting), lash extensions, and lash lifting.
	TRADE: Horticulture & Crop Production	Irrigation and water management in horticulture – drip, sprinkler, and furrow irrigation; water scheduling for ornamentals and vegetables.
Week 5		
Week 5	English Language	Essay writing – descriptive essay: using vivid language, sensory details, and figurative language to describe a scene or person.
	General Mathematics	Transformation – translation, reflection, rotation, and enlargement; describing and applying transformations on the coordinate plane.
	Citizenship & Heritage Studies	Sustainable development – meaning, the SDGs (UN 2030 Agenda), and Nigeria's actions towards sustainable development.
	Digital Technologies	Multimedia and animation – types of media (text, audio, video, graphics, animation); basic principles of animation; tools (Canva, PowerPoint).
	Biology	Conservation of natural resources – biodiversity, reasons for conservation, methods (in situ and ex situ), game reserves, and national parks in Nigeria.
	Chemistry	Alcohols – naming, types (primary, secondary, tertiary); reactions (combustion, oxidation); ethanol production and uses.
	Physics	Cathode ray oscilloscope (CRO) – structure, functions, and applications in measuring voltage, frequency, and displaying waveforms.
	Agricultural Science	Environmental management in agriculture – sustainable farming, cover crops, agroforestry, and climate-smart agriculture.

WEEK	SUBJECT	TOPIC / CONTENT
	Further Mathematics	Numerical methods – the trapezium rule and Simpson's rule for numerical integration; percentage error analysis.
	Geography	Tourism and its impacts – types of tourism, benefits and negative effects on the environment and local cultures; ecotourism.
	Foods and Nutrition	Community nutrition – nutrition programmes in Nigeria (NIPS, National School Feeding), malnutrition statistics, and food aid.
	Technical Drawing	CAD – creating 2D drawings: lines, circles, arcs, trim, extend, and dimensioning in a CAD environment.
	TRADE: Computer Hardware & GSM Repairs	Data recovery and backup – causes of data loss, use of data recovery software, and setting up automatic backup systems.
	TRADE: Livestock Farming	Environmental sustainability in livestock farming – waste management (biogas from manure), reducing carbon footprint, and organic animal production.
	TRADE: Beauty & Cosmetology	Permanent make-up (micropigmentation) – concept, tools (dermapen, rotary machine), procedure outline, and aftercare.
	TRADE: Horticulture & Crop Production	Greenhouse and protected cultivation – types of greenhouses, environmental control (ventilation, shading), and crop management inside a greenhouse.
Week 6		
Week 6	English Language	Lexis and structure – phrasal verbs and collocations; appropriate register in formal and informal contexts.
	General Mathematics	Loci and construction – locus of points satisfying given conditions; standard constructions (perpendicular bisector, angle bisector, tangent).
	Citizenship & Heritage Studies	Human rights abuses and remedies – violations, reporting mechanisms, NHRC, and the role of civil society in protecting rights.
	Digital Technologies	E-commerce – types (B2B, B2C, C2C), setting up an online store, payment gateways, and logistics considerations for Nigerian businesses.
	Biology	Biotechnology – definition, applications in medicine (vaccines, insulin), agriculture (GMOs, tissue culture), and ethical considerations.
	Chemistry	Carboxylic acids and esters – naming; preparation of ethanoic acid; esterification reaction; uses of esters (perfumes, flavourings).
	Physics	Atomic structure and radioactivity – the nucleus, isotopes, radioactive decay (alpha, beta, gamma), half-life, and safety precautions.
	Agricultural Science	Information and Communication Technology in agriculture – use of drones, sensors, GPS, and mobile apps for precision farming.
	Further Mathematics	Proof by mathematical induction – proving divisibility, summation formulas, and inequalities using the induction principle.
	Geography	Urbanisation – causes, characteristics, and effects of rapid urbanisation; urban planning and management in Nigerian cities.
	Foods and Nutrition	Diet and chronic diseases – relationship between diet and NCDs (hypertension, diabetes, cancer); dietary prevention strategies.
	Technical Drawing	CAD – 3D modelling concepts: extrude, revolve, and basic 3D solid creation; introduction to 3D printing workflows.
	TRADE: Computer Hardware & GSM Repairs	Business skills for technicians – writing a repair receipt, customer communication, workshop setup costs, and pricing for profit.

WEEK	SUBJECT	TOPIC / CONTENT
	TRADE: Livestock Farming	Livestock exhibition and shows – preparing animals for shows, judging criteria, and the value of livestock exhibitions.
	TRADE: Beauty & Cosmetology	Salon management – reception duties, appointment scheduling, stock control, and staff management in a salon.
	TRADE: Horticulture & Crop Production	Crop rotation and soil health – principles of crop rotation, benefits for soil fertility, and rotation plans for small-scale horticultural plots.
Week 7 (Mid-Term Review & Assessment – all subjects)		
Week 7	English Language	Revision of Second Term oral English – vowels, consonants, intonation; mid-term test on Weeks 1–6 Third Term content.
	General Mathematics	Revision of financial mathematics, vectors, transformation, loci; mid-term test on Weeks 1–6 content.
	Citizenship & Heritage Studies	International peace and security – the UN Security Council, peacekeeping operations, and Nigeria's contributions to UN peacekeeping; mid-term test.
	Digital Technologies	Revision of SQL, ERDs, multimedia, e-commerce; mid-term test on Weeks 1–6 content.
	Biology	Population ecology – population growth models (J-curve, S-curve); carrying capacity, density-dependent and density-independent factors; mid-term test.
	Chemistry	Polymers – addition and condensation polymers; natural vs synthetic polymers; environmental challenges of plastic waste; mid-term test.
	Physics	Nuclear energy – nuclear fission and fusion; mass-energy equivalence $E = mc^2$; nuclear reactors and their pros and cons; mid-term test.
	Agricultural Science	Agricultural policies in Nigeria – the Green Revolution, Operation Feed the Nation (OFN), FADAMA, and current BMGF/AGRA partnerships; mid-term test.
	Further Mathematics	Revision of complex numbers, differential equations, numerical methods, proof by induction; mid-term test.
	Geography	Regional geography of Africa – physical features, climatic zones, major rivers, and economic activities; mid-term test.
	Foods and Nutrition	Revision of food hygiene, food safety, NAFDAC standards, and community nutrition; mid-term test.
	Technical Drawing	Revision of surface development, intersection of solids, CAD; mid-term drawing test.
	TRADE: Computer Hardware & GSM Repairs	Mid-term tests and assignments – revision of printers, CCTV, UPS, data recovery, and business skills.
	TRADE: Livestock Farming	Mid-term tests and assignments – revision of cooperatives, extension services, value addition, sustainability, and livestock shows.
	TRADE: Beauty & Cosmetology	Advanced hair colouring – balayage, ombre, and highlight techniques on a mannequin; mid-term practical test.
	TRADE: Horticulture & Crop Production	Mid-term tests and assignments – revision of landscape design, pruning, irrigation, greenhouse cultivation, and crop rotation.
Week 8		
Week 8	English Language	Comprehension – non-fiction texts (newspaper editorials, reports); identifying bias, tone, and purpose; precis writing.

WEEK	SUBJECT	TOPIC / CONTENT
	General Mathematics	Statistics – cumulative frequency, ogive, percentiles, quartiles, and the inter-quartile range.
	Citizenship & Heritage Studies	Nigeria's foreign policy – principles (African centrality, non-alignment), major bilateral and multilateral engagements.
	Digital Technologies	Emerging technologies – blockchain, augmented reality (AR), virtual reality (VR), and their potential applications in Nigeria.
	Biology	Adaptation – structural, physiological, and behavioural adaptations of organisms to their environments; examples from Nigerian ecosystems.
	Chemistry	Water chemistry – hardness of water (temporary and permanent); methods of softening; water treatment processes.
	Physics	Electronics – semiconductors; p-n junction diode; rectification (half-wave and full-wave); the transistor as a switch.
	Agricultural Science	Challenges of agriculture in Nigeria – land tenure, poor infrastructure, climate change, post-harvest losses, and proposed solutions.
	Further Mathematics	Matrices and linear transformations – 2×2 transformation matrices (rotation, reflection, enlargement) and composite transformations.
	Geography	Regional geography of West Africa – Nigeria's position; physical, human, and economic characteristics of the West African sub-region.
	Foods and Nutrition	Catering and hospitality – types of catering services (institutional, commercial, outdoor); career opportunities in catering.
	Technical Drawing	Machine drawing – assembly drawing conventions; reading and interpreting a simple assembly drawing.
	TRADE: Computer Hardware & GSM Repairs	Configuring Wi-Fi routers and hotspots – router setup, SSID, password security (WPA2/WPA3), and troubleshooting connectivity.
	TRADE: Livestock Farming	Emerging opportunities in livestock – aquaponics (combining fish and vegetable production), and insect farming (black soldier fly for animal feed).
	TRADE: Beauty & Cosmetology	Entrepreneurship in beauty – salon business plan, branding, social media marketing, and pricing beauty services for profit.
	TRADE: Horticulture & Crop Production	Soil-less cultivation (hydroponics) – types (NFT, DWC, ebb and flow); nutrient solutions; crops suited to hydroponics.
Week 9		
Week 9	English Language	General language revision – WAEC-style comprehension, summary, essay (narrative, descriptive, argumentative, expository, speech), letter writing, and oral English.
	General Mathematics	WAEC revision – past-question practice covering all SS2 mathematics topics; focus on common error patterns and examiner tips.
	Citizenship & Heritage Studies	WAEC revision – past-question practice on governance, human rights, international organisations, and sustainable development.
	Digital Technologies	WAEC revision – past-question practice on hardware, software, networking, AI, databases, and programming concepts.
	Biology	WAEC revision – past-question practice; ecology, genetics, evolution, biotechnology, and adaptation; common examination pitfalls.

WEEK	SUBJECT	TOPIC / CONTENT
	Chemistry	WAEC revision – past-question practice; organic chemistry, polymers, water chemistry, electrochemistry, and rates of reaction.
	Physics	WAEC revision – past-question practice; optics, electricity, electrostatics, nuclear physics, and electronics.
	Agricultural Science	WAEC revision – past-question practice; soils, crop and livestock management, agribusiness, policies, and ICT in agriculture.
	Further Mathematics	WAEC revision – past-question practice; Further Mathematics topics from SS1–SS2 (algebra, calculus, vectors, statistics, complex numbers).
	Geography	WAEC revision – past-question practice; all geography topics from SS1–SS2 (physical, human, economic, regional geography).
	Foods and Nutrition	WAEC revision – past-question practice; all nutrition topics from SS1–SS2 (nutrients, food science, meal management, food safety).
	Technical Drawing	WAEC revision – past-question drawing practice; scales, projections, sectional views, surface development, building and machine drawing.
	TRADE: Computer Hardware & GSM Repairs	Trade revision – past NABTEB/WAEC practical and theory questions; review of all hardware, mobile, networking, and business topics.
	TRADE: Livestock Farming	Trade revision – past NABTEB/WAEC practical and theory questions; review of all livestock, crop, and farm management topics.
	TRADE: Beauty & Cosmetology	Trade revision – past NABTEB/WAEC practical and theory questions; review of all cosmetology skills and salon management topics.
	TRADE: Horticulture & Crop Production	Trade revision – past NABTEB/WAEC practical and theory questions; review of all horticulture, crop production, and landscape topics.
Week 10		
Week 10	English Language	Final revision and mock examination – timed full-paper mock; feedback session on essays, comprehension, and summary.
	General Mathematics	Final revision and mock examination – timed full-paper mock covering all SS2 Mathematics topics; examiner-tips session.
	Citizenship & Heritage Studies	Final revision and mock examination – timed full-paper mock; review of all Third Term and outstanding Second Term topics.
	Digital Technologies	Final revision and mock examination – timed full-paper mock; technology showcase and digital portfolio review.
	Biology	Final revision and mock examination – timed full-paper mock; practical revision (microscopy, experiments, specimens).
	Chemistry	Final revision and mock examination – timed full-paper mock; practical revision (titration, qualitative analysis, organic tests).
	Physics	Final revision and mock examination – timed full-paper mock; practical revision (optics bench, electrical circuits, oscilloscope).
	Agricultural Science	Final revision and mock examination – timed full-paper mock; practical revision (soil tests, farm tools identification).
	Further Mathematics	Final revision and mock examination – timed full-paper mock covering calculus, statistics, complex numbers, and vectors.

WEEK	SUBJECT	TOPIC / CONTENT
	Geography	Final revision and mock examination – timed full-paper mock; map reading and fieldwork practical revision.
	Foods and Nutrition	Final revision and mock examination – timed full-paper mock; practical revision (food preparation, food tests).
	Technical Drawing	Final revision and mock examination – timed full-paper mock drawing examination under examination conditions.
	TRADE: Computer Hardware & GSM Repairs	Final practical assessment – students demonstrate complete fault-diagnosis-to-repair workflow on a faulty device under examination conditions.
	TRADE: Livestock Farming	Final practical assessment – students demonstrate animal handling, health check, and record-keeping under examination conditions.
	TRADE: Beauty & Cosmetology	Final practical assessment – students perform a complete client service (hair, nails, or make-up) under examination conditions.
	TRADE: Horticulture & Crop Production	Final practical assessment – students plan and present a landscape/garden layout and demonstrate a horticultural skill under examination conditions.
Week 11 GENERAL REVISION across all 13 subjects – comprehensive SS2 consolidation; intensive past-question practice; teachers address individual weaknesses and issue revision summaries.		
Week 12 THIRD TERM EXAMINATION – objective and theory papers in all 13 subjects; trade subjects assessed by both written theory and practical examination.		
Week 13 Marking, result compilation, and end-of-year activities; SS2 results communicated to students and parents; resumption date and SS3 subject-combination counselling for returning students.		

THIRD TERM SUBJECT OVERVIEW

SUBJECT	THIRD TERM FOCUS AREAS
English Language	Speech Writing, Inferential Comprehension & Summary, Oral English (Intonation & Weak Forms), Descriptive Essay, Phrasal Verbs & Register, Non-Fiction Comprehension, WAEC Full Paper Mock
General Mathematics	Financial Mathematics (Interest, Annuities, Depreciation), Modular Arithmetic, Vectors in the Plane, Transformation Geometry, Loci & Construction, Cumulative Frequency & Quartiles, WAEC Revision
Citizenship & Heritage Studies	UN & International Organisations (AU, ECOWAS, Commonwealth), Sustainable Development (SDGs), Human Rights Abuses & Remedies, International Peace & Security, Nigeria's Foreign Policy, WAEC Revision
Digital Technologies	Systems Analysis & Design (DFDs, ERDs), SQL Basics, Multimedia & Animation, E-Commerce, Emerging Technologies (Blockchain, AR/VR), WAEC Revision & Digital Portfolio
Biology	Ecology (Food Webs, Energy Flow, Nutrient Cycles, Ecological Pyramids), Environmental Pollution & Conservation, Biotechnology (GMOs, Tissue Culture, Vaccines), Population Ecology, Adaptation, WAEC Revision
Chemistry	Organic Chemistry (Alkanes, Alkenes, Alkynes, Benzene, Alcohols, Carboxylic Acids, Esters), Polymers, Water Chemistry (Hardness & Treatment), WAEC Revision & Practical (Titration, Qualitative Analysis)
Physics	Electrostatics (Coulomb's Law, Capacitance), Current Electricity (Ohm's Law, Series/Parallel), Electrical Power & Safety, CRO, Atomic Structure & Radioactivity, Nuclear Energy (Fission/Fusion), Electronics (Diode, Transistor), WAEC Revision

SUBJECT	THIRD TERM FOCUS AREAS
Agricultural Science	Agricultural Finance & Insurance, Agricultural Marketing, Agribusiness & Entrepreneurship, Environmental Management, ICT in Agriculture, Agricultural Policies in Nigeria, Challenges of Agriculture, WAEC Revision
Further Mathematics	Complex Numbers (Operations, Polar Form, De Moivre), Differential Equations (Separable), Numerical Methods (Trapezium Rule, Simpson's Rule), Proof by Induction, Matrices as Linear Transformations, WAEC Revision
Geography	Economic Geography (Primary, Secondary, Tertiary Sectors), Energy Resources, Environmental Issues (Deforestation, Climate Change), Tourism, Urbanisation, Regional Geography (Africa & West Africa), WAEC Revision
Foods and Nutrition	Food Hygiene & Safety (HACCP), Food Contamination, Food Legislation (NAFDAC), Nigerian Street Foods, Community Nutrition, Catering & Hospitality, Special Diets & NCDs, WAEC Revision
Technical Drawing	Surface Development (Prisms, Cylinders, Cones), Intersection of Solids, CAD (2D Drawing & 3D Modelling), Machine Drawing & Assembly, WAEC Drawing Mock
TRADE: Computer Hardware & GSM Repairs	Printer Types & Setup, CCTV & Security Systems, UPS & Power Management, Data Recovery & Backup, Business Skills, Wi-Fi Router Configuration, Final Practical Assessment
TRADE: Livestock Farming	Farm Business Management, Agricultural Cooperatives, Extension Services, Value Addition in Animal Products, Environmental Sustainability, Livestock Exhibitions, Aquaponics & Insect Farming, Final Practical Assessment
TRADE: Beauty & Cosmetology	Spa Treatments & Hydrotherapy, Aromatherapy, Eyelash & Eyebrow Services, Permanent Make-up (Micropigmentation), Advanced Hair Colouring (Balayage/Ombre), Salon Management, Entrepreneurship in Beauty, Final Practical Assessment
TRADE: Horticulture & Crop Production	Landscape Design (Principles & Elements), Hardscape & Softscape, Pruning & Training, Irrigation & Water Management, Greenhouse & Protected Cultivation, Crop Rotation & Soil Health, Hydroponics, Soil-less Cultivation, Final Practical Assessment

Important Notes: Week 7 = Mid-term Tests/Review & Assessment (all subjects). Week 9 = WAEC-style Past-Question Revision (all subjects). Week 10 = Full Mock Examination under examination conditions. Week 11 = General Revision. Week 12 = Third Term Examination (objective and theory). Week 13 = Marking, result compilation, SS2 end-of-year activities, and SS3 counselling. Trade subjects require both written and practical assessment.

Abbreviations: SSEC = Senior Secondary Education Curriculum | NERDC = Nigerian Educational Research and Development Council | WAEC = West African Examinations Council | NECO = National Examinations Council | NABTEB = National Business and Technical Examinations Board | SDGs = Sustainable Development Goals | INEC = Independent National Electoral Commission | AU = African Union | ECOWAS = Economic Community of West African States | NHRC = National Human Rights Commission | NAFDAC = National Agency for Food and Drug Administration and Control | HACCP = Hazard Analysis and Critical Control Points | NFT = Nutrient Film Technique | DWC = Deep Water Culture | CAD = Computer-Aided Design | GMO = Genetically Modified Organism | CRO = Cathode Ray Oscilloscope | ICT = Information and Communication Technology | BMGF = Bill & Melinda Gates Foundation | AGRA = Alliance for a Green Revolution in Africa | NCD = Non-Communicable Disease | AR = Augmented Reality | VR = Virtual Reality | DFD = Data Flow Diagram | ERD = Entity-Relationship Diagram | SQL = Structured Query Language | UPS = Uninterruptible Power Supply | CCTV = Closed-Circuit Television

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://nerdc.gov.ng) circulars before final adoption. Designed to prepare SS2 Science students for WAEC/NECO/NABTEB examinations commencing after Week 13.