

JSS 3 – SECOND TERM SCHEME OF WORK

New NERDC Approved Curriculum 2025

Federal Republic of Nigeria – Junior Secondary School Three

Weeks 1–10 | All 14 Core Subjects Including PVS (Agriculture & Home Economics strands)

About This Scheme of Work

This JSS 3 Second Term Scheme of Work is based on the New NERDC Approved Curriculum 2025. It covers Weeks 1–10 of the second term across all 14 core curriculum areas for Junior Secondary School Three. Week 1 is dedicated to revision of first term work, and Week 7 is a mid-term assessment week. The final section provides a Subject Overview Table summarising the full range of second-term topics for easy reference by teachers, HODs, and school administrators.

Note on Pre-Vocational Studies (PVS)

Pre-Vocational Studies (PVS) replaces the former standalone Agriculture and Home Economics subjects. It is structured into two strands: the Agriculture strand and the Home Economics strand. Both strands are listed separately in each weekly table for clarity. Schools may assign separate specialist teachers to each strand while treating them as a single timetable subject.

WEEK 1

WEEK	SUBJECT	TOPIC / CONTENT
NOTE	<i>Revision of First Term work across all subjects. Teachers revisit key topics where students need reinforcement and consolidation before beginning new JSS 3 second-term content.</i>	
WEEK 1	English Studies	Revision of first term topics: comprehension, grammar, essay writing, literature, and oral English; diagnostic assessment
	Mathematics	Revision of first term topics: number bases, sets, algebraic processes, geometry, and statistics; identification of learning gaps
	Nigerian Language	Revision of first term work: oral, reading, writing, and literature topics; re-teaching areas of difficulty
	Basic Science & Technology	Revision of first term topics: ecosystems, genetics, motion, energy, and technology; identifying weak areas
	PHE	Revision of fitness concepts, sports rules, and health topics from first term; fitness testing and assessment
	PVS – Agriculture	Revision of first term agriculture: soil science, crop production, and farm tools; diagnostic activities
	PVS – Home Economics	Revision of first term home economics: nutrition, clothing, food preparation, and home management
	Digital Technology	Revision of first term: hardware, software, word processing, spreadsheets, and internet safety
	CRS / IRS	CRS: Revision of first term Old and New Testament topics / IRS: Revision of first term Islamic Studies themes
	Nigerian History	Revision of key history topics from first term: pre-colonial, colonial, and post-independence Nigeria
	Social & Citizenship Studies	Revision of government structures, citizenship, rights, and national values from first term
	CCA	Revision of art, music, drama, and craft topics from first term; display and oral review of creative works

WEEK	SUBJECT	TOPIC / CONTENT
	Business Studies	Revision of first term business concepts: enterprise, capital, marketing, records, and consumer rights
	French	Revision of first term French: greetings, numbers, body parts, food, shopping, weather, and school vocabulary

WEEK 2

WEEK	SUBJECT	TOPIC / CONTENT
WEEK 2	English Studies	Comprehension: reading and analysing complex passages; identifying main ideas, supporting details, writer's purpose and tone
	Mathematics	Algebraic fractions – simplification, addition, subtraction, multiplication and division of algebraic fractions; LCM approach
	Nigerian Language	Extended oral composition – narrating events, describing experiences and expressing opinions fluently in Nigerian language
	Basic Science & Technology	Energy – types of energy (kinetic, potential, thermal, electrical, light, sound); energy transformation and conservation
	PHE	Advanced team sports – football, volleyball, basketball: advanced tactics, game play, officiating, and sportsmanship
	PVS – Agriculture	Agricultural economics – meaning, importance; costs and returns in farming; farm income and expenditure
	PVS – Home Economics	Advanced nutrition – macro and micronutrients; nutritional deficiency diseases; dietary needs at different life stages
	Digital Technology	Database concepts – MS Access: creating and managing simple databases; data entry, tables, queries, and reports
	CRS / IRS	CRS: The early church – Pentecost, growth of the church, Paul's missionary journeys / IRS: The Quran as a complete guide to life
	Nigerian History	The military in Nigerian politics – coups of 1966, 1975, 1983, 1985, 1993; reasons, impacts, and assessment
	Social & Citizenship Studies	Democratic governance – principles of democracy; separation of powers; rule of law; checks and balances in Nigeria's system
	CCA	Advanced colour theory and painting – colour harmonies, tonal values, and expressive use of colour in Nigerian art forms
	Business Studies	Entrepreneurship – meaning, qualities of an entrepreneur; identifying business opportunities; importance to Nigerian economy
	French	Talking about the past – introduction to passé composé; forming past tense with avoir; describing past events and activities

WEEK 3

WEEK	SUBJECT	TOPIC / CONTENT
WEEK 3	English Studies	Grammar: Tense revision – present simple, present continuous, past simple, past continuous, present perfect; correct usage in context
	Mathematics	Linear inequalities – solving one-variable inequalities; graphing on number line; combined inequalities and word problems
	Nigerian Language	Reading comprehension in Nigerian language – inferential reading; identifying themes and messages in passages and short stories
	Basic Science & Technology	Forces and motion – types of forces (contact and non-contact); Newton's laws of motion; friction; calculating speed and acceleration
	PHE	Athletics – track events: sprinting (100m, 200m, 400m), relay; field events: long jump, high jump; rules and safety procedures
	PVS – Agriculture	Livestock farming – types of livestock (cattle, poultry, pigs, goats); importance; feeding, housing, health management
	PVS – Home Economics	Meal planning for special groups – infants, pregnant women, elderly, and sick persons; planning balanced, appropriate menus
	Digital Technology	Presentation software – MS PowerPoint: creating slides, inserting text, images, transitions, animations, and slide shows
	CRS / IRS	CRS: Paul's letters – themes from Galatians, Ephesians, Philippians (love, unity, peace) / IRS: The concept of Jihad – true meaning, types
	Nigerian History	Nigeria's transition to democracy – Babangida years, June 12 election crisis, Abacha regime; road to 1999 handover
	Social & Citizenship Studies	Electoral process in Nigeria – political parties, INEC, voting procedures, importance of credible elections; role of citizens
	CCA	Sculpture and three-dimensional art – carving, modelling, and construction using local Nigerian materials (wood, clay, metal)
	Business Studies	Business planning – components of a simple business plan: executive summary, products/services, market, financial plan
	French	Describing the home – rooms, furniture, and household objects; using prepositions of place; describing where things are located

WEEK 4

WEEK	SUBJECT	TOPIC / CONTENT
WEEK 4	English Studies	Essay writing – argumentative/discursive essay: choosing a position, presenting arguments and counter-arguments with evidence
	Mathematics	Quadratic expressions – expanding brackets, factorising quadratic expressions; difference of two squares; perfect square
	Nigerian Language	Nigerian language creative writing – descriptive essay; describing people, places, and events with appropriate detail and style
	Basic Science & Technology	Simple machines – lever, inclined plane, wheel and axle, pulley, screw, wedge; mechanical advantage; efficiency calculations

WEEK	SUBJECT	TOPIC / CONTENT
	PHE	Swimming and water safety – swimming strokes (freestyle, breaststroke); water safety rules; lifesaving techniques and rescue procedures
	PVS – Agriculture	Poultry production – types of poultry, breeds, housing systems (deep litter, battery cage); feeding and common diseases
	PVS – Home Economics	Food preparation techniques – boiling, frying, steaming, baking, roasting; advantages and effects on nutritional content
	Digital Technology	Advanced spreadsheets – MS Excel: IF functions, charts and graphs, formatting, conditional formatting, and data sorting/filtering
	CRS / IRS	CRS: Book of Revelation – vision of John; symbolic images; hope and ultimate victory of good over evil / IRS: Hajj – meaning, pillars, significance
	Nigerian History	The Fourth Republic (1999–present) – Obasanjo, Yar'Adua, Jonathan, Buhari administrations; key achievements and challenges
	Social & Citizenship Studies	National security and peace – meaning of national security; security agencies in Nigeria (police, army, DSS, NSCDC); roles and challenges
	CCA	Textile art – tie-dye, batik, and fabric printing using traditional Nigerian methods; patterns, colours, and cultural significance
	Business Studies	Banking services in Nigeria – types (commercial, merchant, development, CBN); banking products: loans, savings, investments, mobile banking
	French	The environment and nature – vocabulary for animals, plants, weather, seasons; discussing environmental problems in simple French

WEEK 5

WEEK	SUBJECT	TOPIC / CONTENT
WEEK 5	English Studies	Literature: Prose fiction – plot, characterisation, setting, theme, point of view; analysing an extract from a Nigerian novel
	Mathematics	Solving quadratic equations – by factorisation, completing the square, and quadratic formula; checking solutions
	Nigerian Language	Nigerian language literature – oral tradition; myths, epics, and their social functions; performance and dramatic elements
	Basic Science & Technology	Electricity – basic concepts: current, voltage, resistance; Ohm's law; series and parallel circuits; electric power calculations
	PHE	Indigenous Nigerian sports and games – ayo/oware, irin-ajo, wrestling, tug of war; cultural significance and health benefits
	PVS – Agriculture	Fish farming (Aquaculture) – importance, types of fish (catfish, tilapia), pond construction, feeding, harvesting, and marketing
	PVS – Home Economics	Sewing and clothing construction – tools and equipment, taking measurements, cutting fabric, basic stitches, and hemming

WEEK	SUBJECT	TOPIC / CONTENT
	Digital Technology	Introduction to coding – block-based programming with Scratch; creating simple animations, stories, and interactive projects
	CRS / IRS	CRS: Christian stewardship – responsible use of God-given gifts (time, talent, treasure) / IRS: Zakah – meaning, types, calculation, and benefits
	Nigerian History	Economic history of Nigeria – oil discovery, OPEC membership, oil boom and bust, diversification challenges and economic reforms
	Social & Citizenship Studies	Human trafficking and modern slavery – meaning, causes, consequences; legal frameworks (NAPTIP); prevention and support for victims
	CCA	Music – advanced rhythm and melody; harmonisation; composing and performing a short piece using Nigerian folk music elements
	Business Studies	Marketing mix – the 4Ps: product, price, place, promotion; applying the marketing mix to a simple Nigerian business scenario
	French	Transport and travel – modes of transport; asking for and giving directions; booking travel; airport and station vocabulary in French

WEEK 6

WEEK	SUBJECT	TOPIC / CONTENT
WEEK 6	English Studies	Oral English – intonation patterns (rising and falling); stress in sentences; oral reading with expression; public speaking skills
	Mathematics	Simultaneous equations – substitution and elimination methods; graphical method; word problems leading to simultaneous equations
	Nigerian Language	Grammar: Tenses and verb forms in Nigerian language; correct use of past, present, and future tenses in speech and writing
	Basic Science & Technology	Chemical reactions – types (combination, decomposition, displacement, neutralisation); word equations; signs of chemical change
	PHE	Drug education – classification of drugs; effects of substance abuse on body and society; peer pressure resistance; seeking help
	PVS – Agriculture	Agricultural extension – meaning and importance; role of extension workers; cooperatives in Nigerian farming communities
	PVS – Home Economics	Consumer education – rights and responsibilities of consumers; NAFDAC, SON, CAC; comparing products; value for money
	Digital Technology	Cybersecurity – cyber threats (hacking, phishing, virus); password protection; data security; safe online behaviour and reporting
	CRS / IRS	CRS: Christian family values – roles in the family, parental responsibility, respect for elders / IRS: Family in Islam – rights of spouses and children
	Nigerian History	Nigeria's foreign policy – ECOWAS, African Union, United Nations; peacekeeping contributions; role in African and world affairs

WEEK	SUBJECT	TOPIC / CONTENT
	Social & Citizenship Studies	Corruption and anti-corruption – meaning; effects on development; EFCC, ICPC, and ACJL; whistleblowing and citizen responsibility
	CCA	Drama and theatre arts – writing a full short play; directing, staging, acting, costumes, props, and performance techniques
	Business Studies	Insurance – meaning, principles (insurable interest, utmost good faith, indemnity); types; importance to businesses and individuals
	French	Technology and media – talking about phones, internet, and social media; expressing opinions about technology in simple French

WEEK 7

WEEK	SUBJECT	TOPIC / CONTENT
NOTE	<i>Mid-term review and assessment week. Teachers conduct tests across all subjects, return and review marked work, and address persistent areas of difficulty before proceeding to second half of term.</i>	
WEEK 7	English Studies	Grammar: Reported speech – changing direct to indirect speech; tense backshift, pronoun changes, time expressions; mid-term test
	Mathematics	Variation – direct, inverse, joint, and partial variation; equations of variation; real-life applications; mid-term test
	Nigerian Language	Revision of all second term topics covered (Weeks 2–6); oral and written mid-term test in Nigerian language
	Basic Science & Technology	Mid-term review of energy, forces, machines, electricity, and chemical reactions; practical activities; mid-term test
	PHE	Mid-term review of all sports, health, and physical activities covered; fitness test; mid-term written and practical assessment
	PVS – Agriculture	Mid-term review of agricultural economics, livestock, poultry, aquaculture, and extension; test
	PVS – Home Economics	Mid-term review of nutrition, food preparation, sewing, and consumer education topics; mid-term test
	Digital Technology	Mid-term review of databases, presentations, advanced Excel, Scratch coding, and cybersecurity; mid-term test
	CRS / IRS	Mid-term review and test covering all CRS / IRS topics from Weeks 2–6
	Nigerian History	Mid-term review of military era, democracy, Fourth Republic, economic history, and foreign policy; mid-term test
	Social & Citizenship Studies	Mid-term review of democracy, elections, security, trafficking, and corruption; test on all topics
	CCA	Mid-term review – colour, sculpture, textile, music, and drama; practical display and test
	Business Studies	Mid-term review – entrepreneurship, business plan, banking, marketing mix, and insurance; test
	French	Mid-term review of all French topics: grammar, vocabulary, and conversation; oral and written mid-term test

WEEK 8

WEEK	SUBJECT	TOPIC / CONTENT
WEEK 8	English Studies	Writing: Formal letter and official correspondence – job application letter, letter of complaint; format, tone, and language
	Mathematics	Matrices – introduction: order of a matrix, matrix addition/subtraction, scalar multiplication; introduction to 2×2 determinants
	Nigerian Language	Advanced writing in Nigerian language – formal letter writing; letter of invitation, application, and complaint in Nigerian language
	Basic Science & Technology	Waves – types of waves (transverse and longitudinal); properties (frequency, amplitude, wavelength, speed); sound and light as waves
	PHE	Reproductive health – puberty changes; menstrual health; responsible sexual behaviour; STIs, HIV/AIDS: prevention and management
	PVS – Agriculture	Crop protection – pests and diseases of crops; identification, prevention, and control; safe use of pesticides and herbicides
	PVS – Home Economics	Laundry management – types of fabrics and care labels; removing stains; hand and machine washing; ironing and storage
	Digital Technology	Introduction to web design – HTML basics: structure of a webpage, tags (html, head, body, h1–h6, p, img, a); creating a simple webpage
	CRS / IRS	CRS: Social justice and the church – caring for the poor, widows, orphans; role of the church in Nigerian society / IRS: Sadaqah and voluntary charity
	Nigerian History	Science, technology and development in Nigeria – TETFUND, NAFDAC, NNPC, NIMASA; role of technology in national development
	Social & Citizenship Studies	Environmental sustainability – climate change, deforestation, flooding, pollution in Nigeria; government and individual responses
	CCA	Graphic design and visual communication – poster design; typography; layout; applying design principles to Nigerian cultural themes
	Business Studies	E-commerce in Nigeria – meaning; online business platforms (Jumia, Konga); advantages; challenges; digital payment systems
	French	Health and the body revisited – describing symptoms; at the pharmacy; healthy lifestyle advice; common French health expressions

WEEK 9

WEEK	SUBJECT	TOPIC / CONTENT
WEEK	English Studies	Literature: Drama – features of drama; dramatic techniques; reading and analysing a scene from a Nigerian play; stagecraft

WEEK	SUBJECT	TOPIC / CONTENT
9	Mathematics	Trigonometry – sine, cosine, tangent of acute angles; using trigonometric ratios to find sides and angles in right-angled triangles
	Nigerian Language	Public speaking and debate in Nigerian language – selecting a topic, preparing points, delivery skills, responding to opponents
	Basic Science & Technology	Genetics and heredity – meaning; Mendel's laws; dominant and recessive traits; application of genetics in agriculture and medicine
	PHE	First aid advanced – CPR (cardiopulmonary resuscitation); dealing with drowning, poisoning, and road traffic accident victims; mock drill
	PVS – Agriculture	Agro-processing and value addition – meaning; processing crops and livestock products; packaging and branding for market
	PVS – Home Economics	Interior decoration and home management – principles of design; colour schemes; arrangement and care of furniture; cleaning schedules
	Digital Technology	Advanced web design – CSS basics: styling webpages (colours, fonts, layout, borders); combining HTML and CSS for a styled page
	CRS / IRS	CRS: Mission and evangelism – Great Commission; Christian witness in Nigeria today / IRS: Dawah – inviting others to Islam; methods and etiquette
	Nigerian History	Biographies of Nigerian nation-builders – Nnamdi Azikiwe, Obafemi Awolowo, Ahmadu Bello, Herbert Macaulay, Funmilayo Ransome-Kuti
	Social & Citizenship Studies	Media literacy and responsible citizenship – role of media in democracy; fake news; responsible use of social media; freedom of expression
	CCA	Film and photography appreciation – elements of visual storytelling; camera angles; Nigerian film industry (Nollywood); documentary making
	Business Studies	Stock exchange and investment – meaning of stock exchange; buying and selling shares; Nigerian Stock Exchange (NGX); investment risks
	French	Culture and identity – French-speaking African countries; comparing Nigerian and French cultures; traditions, music, food, and festivals

WEEK 10

WEEK	SUBJECT	TOPIC / CONTENT
WEEK 10	English Studies	Grammar: Revision of all second term grammar topics; general revision of comprehension, essay, oral, and literature; final term test
	Mathematics	General revision – algebraic fractions, inequalities, quadratics, simultaneous equations, matrices, variation, and trigonometry; final test

WEEK	SUBJECT	TOPIC / CONTENT
	Nigerian Language	Comprehensive revision of all second term topics in Nigerian language; oral and written final tests
	Basic Science & Technology	Revision of all second term topics: energy, forces, machines, electricity, waves, chemical reactions, genetics; final test
	PHE	Revision of all second term PHE topics: sports, athletics, health education, drug education, reproductive health, first aid; final test
	PVS – Agriculture	Revision of all agriculture topics: economics, livestock, poultry, aquaculture, crop protection, agro-processing; final test
	PVS – Home Economics	Revision of all home economics topics: nutrition, food prep, sewing, consumer ed, laundry, interior decoration; final test
	Digital Technology	Revision of all digital technology topics: database, presentations, Excel, coding, cybersecurity, web design; final test
	CRS / IRS	Revision and test covering all second term CRS / IRS topics; scripture recitation and applied questions
	Nigerian History	Revision of all second term history topics: military era, Fourth Republic, economic history, foreign policy, biographies; final test
	Social & Citizenship Studies	Revision of all second term civic topics: democracy, elections, security, environment, media, corruption; final test
	CCA	Revision of all CCA topics: painting, sculpture, textile, music, drama, graphic design, film; art display and final assessment
	Business Studies	Revision of all second term business topics: entrepreneurship, banking, marketing, insurance, e-commerce, stock exchange; final test
	French	General revision of all second term French: grammar, vocabulary (topics 2–9), conversation, reading, and writing; oral and written final tests

SUBJECT OVERVIEW – Second Term Topics (All Subjects)

SUBJECT	SECOND TERM FOCUS AREAS
English Studies	Comprehension (complex passages); Grammar: tenses, reported speech, prepositions, conjunctions; Essay writing (argumentative, narrative, formal letter); Oral English: intonation, stress, public speaking; Literature: prose, drama, poetry
Mathematics	Algebraic fractions; Linear inequalities; Quadratic expressions & equations; Simultaneous equations; Variation; Matrices; Trigonometry; Graphs; General revision
Nigerian Language	Oral composition; Reading comprehension; Creative and formal writing; Literature: oral tradition, myths, epics; Grammar: tenses and verb forms; Public speaking and debate
Basic Science & Technology	Energy types and transformation; Forces and Newton's laws; Simple machines; Electricity and circuits; Waves (sound and light); Chemical reactions; Genetics and heredity

SUBJECT	SECOND TERM FOCUS AREAS
PHE	Advanced team sports; Athletics; Swimming and water safety; Indigenous Nigerian sports; Drug education; Reproductive health; Advanced first aid and CPR
PVS – Agriculture strand	Agricultural economics; Livestock farming; Poultry production; Fish farming (aquaculture); Crop protection; Agricultural extension; Agro-processing and value addition
PVS – Home Economics strand	Advanced nutrition; Special-group meal planning; Food preparation techniques; Sewing and clothing construction; Consumer education; Laundry management; Interior decoration
Digital Technology	Databases (MS Access); Presentation software (PowerPoint); Advanced Excel; Block-based coding (Scratch); Cybersecurity; HTML and CSS web design basics
CRS / IRS	CRS: Early church, Paul's letters, Revelation, stewardship, family values, social justice, mission / IRS: Quran as guide, Jihad, Hajj, Zakah, Sadaqah, Islamic family, Dawah
Nigerian History	Military politics in Nigeria; Transition to democracy; Fourth Republic administrations; Economic history and oil; Foreign policy; Technology and development; Nation-builders
Social & Citizenship Studies	Democratic governance; Electoral process; National security; Human trafficking; Corruption and anti-corruption; Environmental sustainability; Media literacy
CCA	Advanced colour and painting; Sculpture and 3D art; Textile art (tie-dye, batik); Music composition; Drama and theatre; Graphic and poster design; Film and photography
Business Studies	Entrepreneurship; Business planning; Banking services; Marketing mix (4Ps); Insurance; E-commerce in Nigeria; Stock exchange and investment
French	Passé composé (past tense); Home and environment; Transport and travel; Technology and media; Health revisited; Culture and identity; Francophone African countries

IMPORTANT NOTES

Week 11: Revision Week – structured revision of all second term topics across subjects.

Weeks 12–13: Second Term Examinations – written, oral, and practical assessments as applicable per subject.

Abbreviations: PVS = Pre-Vocational Studies | CRS = Christian Religious Studies | IRS = Islamic Religious Studies | PHE = Physical & Health Education | CCA = Cultural & Creative Arts | MS = Microsoft

Source: New NERDC Approved Curriculum 2025 | Federal Republic of Nigeria | For JSS 3 students from September 2025 onwards.