

**NIGERIAN EDUCATIONAL RESEARCH
AND DEVELOPMENT COUNCIL -SHEDA
ABUJA
(NERDC)**



***New curriculum for primary and secondary
schools***

OLD vs NEW CURRICULUM

(SUBJECTS COUNT ONLY)

	OLD	NEW
PRIMARY 1-3	13-15 subjects	9-10 subjects
PRIMARY 4-6	15-17 subjects	10-12 subjects
JSS (1-3)	15-18 subjects	12-14 subjects
SSS (1-3)	15-20 subjects	8-9 subjects
TECHNICAL	18+ subjects	9-11 subjects

Junior Secondary School 1-3	
S/N	Subject
1	English Studies
2	Mathematics
3	Nigerian Languages (One Nigerian Language)
4	Intermediate Science
5	Physical & Health Education
6	Digital Technologies
7	Christian Religious Studies (CRS) (For Christian Pupils Only)
7	Islamic Studies (IS) (For Muslim Pupils Only)
8	Nigerian History
9	Social and Citizenship Studies
10	Cultural & Creative Arts (CCA)
11	Trade subjects (Students to choose one trade subject) <ul style="list-style-type: none"> 1) Solar Photovoltaic installation and maintenance 2) Fashion design and garment making 3) Livestock farming, 4) Beauty and cosmetology 5) Computer hardware and GSM repairs 6) Horticulture and crop production
12	Business Studies
13	French (optional)
14	Arabic Language (Optional)
Note: Minimum of 12 subjects; Maximum of 13 or 14 subjects	

SENIOR SECONDARY CURRICULUM OFFERING

Fields of Study	Subjects
5 Core and Compulsory subjects	English Language, General Mathematics, One Trade subject, Citizenship and Heritage Studies, Digital Technologies
Science	Biology, Chemistry, Physics, Agriculture, Further Mathematics, Physical Education, Health Education, Foods & Nutrition, Geography, Technical Drawing
Humanities	Nigerian History, Government, Christian Religious Studies, Islamic Studies, One Nigerian language, French, Arabic, Visual Arts, Music, Literature in English, Home Management, Catering craft
Business	Accounting, Commerce, Marketing, Economics
One Core Trade Subject	Trade subjects (Students to choose one trade subject) <ul style="list-style-type: none"> 1) Solar Photovoltaic installation and maintenance 2) Fashion design and garment making 3) Livestock farming, 4) Beauty and cosmetology 5) Computer hardware and GSM repairs 6) Horticulture and crop production

JUNIOR SECONDARY (JSS1-3)

Mathematics & Measurement

Numbers, fractions, decimals, percentages
Ratios, proportions, rates
Geometry: angles, area, volume
Algebra: expressions, equations
Statistics: mean, median, mode
Graphs: line, bar, pie
Measurement: km, m, cm, g, kg, ml, L, °C, time zones

English Language

Essay writing: narrative, descriptive
Advanced grammar: clauses, idioms
Comprehension of articles, literature
Vocabulary: academic & global terms
Oral: debates, speeches, drama

Integrated Science

Physics: motion, forces, energy
Chemistry: matter, mixtures, reactions
Biology: cells, reproduction, ecology
Earth Science: climate, natural resources
Technology: electricity, mechanics
Experiments & lab safety

Digital Literacy & Coding

Word, Excel, PowerPoint
Internet research & safety
Coding (Python basics, Scratch advanced)
Robotics (basic kits)

Social Studies

History of Nigeria, Africa
Geography: maps, lat/long, climate
Civics: rights, duties, democracy
Economy: trade, money, entrepreneurship basics
Global issues: climate change, migration

Languages

Advanced mother tongue
Conversational fluency in foreign language (French/Arabic)

Creative Arts

Drawing, painting, crafts
Drama, theatre, film basics
Music: reading notes, instruments

Physical & Health Education

Advanced sports, fitness training
Nutrition, reproductive health
First aid basics
Drug abuse awareness

SENIOR SECONDARY (SS1-3)

Mathematics & Advanced Applications

Algebra, functions, trigonometry
Geometry, vectors, bearings
Calculus: differentiation, integration basics
Probability, statistics
Financial mathematics
Applied mathematics in economics, engineering

English & Communication

Advanced essays, academic writing
Literary analysis, world literature
Critical reading, research skills
Public speaking, presentations
Media, journalism, fact-checking

Sciences

Physics: mechanics, waves, electricity, nuclear physics
Chemistry: organic, inorganic, industrial, analytical
Biology: genetics, ecology, biotechnology
Earth & Environmental Science: sustainability, climate change

Technology & Innovation

Programming: Python, JavaScript, HTML/CSS
Data science basics, databases
AI & robotics intro
Digital entrepreneurship, freelancing
Cybersecurity basics

Social Sciences

Government & law, constitutions, human rights
Economics: micro, macro, trade, globalization
History: Africa, world revolutions, conflicts
Philosophy & ethics
Entrepreneurship: business plans, startups

Languages

Advanced mother tongue literature
Fluency in international language (French/Arabic/Chinese optional)

Creative Arts & Innovation

Fine arts, design
Music composition, instruments
Drama & theatre
Film/media production

Physical & Health Education

Professional-level sports training
Health science, mental health
Advanced first aid & CPR
Personal development, leadership

Research & Project Work

Final-year research project
Hypothesis, data collection, analysis
Project presentation & defense

Website: <https://scholarclopedia.com/ng/>

ALL Schemes of work: <https://scholarclopedia.com/ng/scheme-of-works/>

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