

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) <ol style="list-style-type: none"> <li>1) Solar Photovoltaic installation and maintenance</li> <li>2) Fashion design and garment making</li> <li>3) Livestock farming,</li> <li>4) Beauty and cosmetology</li> <li>5) Computer hardware and GSM repairs</li> <li>6) Horticulture and crop production</li> </ol>
12	Business Studies
13	French (optional)
14	Arabic Language (Optional)
	<b>Note:</b> 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) <ol style="list-style-type: none"> <li>1) Solar Photovoltaic installation and maintenance</li> <li>2) Fashion design and garment making</li> <li>3) Livestock farming,</li> <li>4) Beauty and cosmetology</li> <li>5) Computer hardware and GSM repairs</li> <li>6) Horticulture and crop production</li> </ol>

## **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/>

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