

JS1 RESEARCH TOPICS FOR SECOND TERM 2023/2024 ACADEMIC YEAR

JS1 MUSIC

Names the lines and spaces of the staff below, with the correct alphabet

1.

2.

JS1 SOCIAL STUDIES

1a. Explain the meaning of culture (1b) List components of culture (1c) State some examples of material and non-material aspects of culture (1d) Explain three features of culture

JS1 BASIC TECHNOLOGY

1.

Produce a base wood duster with above dimension of a foam (i) Mention type of wood, tools, used in the production of the duster

2. Draw a bradawl and name its seven parts

3. Calculate the moisture content in the wood, that has sample of wet weight of 250g, dry weight of 125g in percentage.

JS1 COMPUTER

Application of ICT in everyday life

JS1 IGBO

1. Kowa ihe bu Nzisa ozi

2. Uzo nzisa ozi di iche iche

3. Uzo nzisa ozi mgbe ochie

4. Uzo nzisa ozi ugbo a

5. Deputa uru izisa ozi bara

JS1 AGRICULTURAL SCIENCE

TOPIC: FISHERY

Write on the following

Definition

Classes of fish

Uses of fish and fish products

Methods of fishery

Risk factors in water and fish farming

JS1 BASIC SCIENCE

1. With the help diagram draw and label the three (3) state of matter

2. What is matter?

3. Differentiate between plants and animals

4. Write short notes on this following (i) Solar energy (ii) Mechanical energy (iii) Potential energy (iv) Kinetic energy

JS1 BUSINESS STUDIES

1. In details, explain insurance

The types

Benefits

Insurance terms

2a. WHO is a consumer

b. Explain consumer rights and responsibilities

JS1 MATHEMATICS

1a. Simplify $-4 + 9 - 7$ using number line

b. Arrange 5, -2, 9, 7, -5 and -4 in ascending order

2. Simplify $a - 2b - 4a + 3c + 4a + 5b$

JS1 CIVIC EDUCATION

1. In five ways, distinguish between a citizen and non citizen

2. Explain the meaning of rights and duties

3. Explain two processes of becoming a citizen of Nigeria

4. Define self-reliance

JS1 P H E

Write 10 musical equipment both local and foreign you know.

JS1 CCA

1. What is adulterated and fake good? Classify with examples goods easily faked

Point out four features of fake adulterated goods

Look up the meaning of the following words substandard, trademark, palliative, fake, vendor, profiteering

JS1 C R S

Call to service

i. Meaning of service

ii. Examples of people who served in the bible, e.g-

Joseph is sold to Egypt Gen 37: 12 – 36 and Joseph's service in Egypt Gen 41: 37 – 57

The service of Ruth to her mother in-law Ruth 1: 7 – 18

JS1 ENGLISH LANGUAGE

In not more than two pages of your foolscap sheet write a composition on how you spent your Christmas Holiday.

JS1 HISTORY

Work Book

Topic 2: Unit 1, Unit 2 and Unit 3

JS1 CAT

Write out the 10 commandment and where it can be seen in the Bible.

JS1 FRENCH

List twenty daily verbs in French with their English meanings

ex manger – To eat

ecouter – To listen

JS1 LATIN

Write the Cardinal numbers in Latin and English from 1 to 30.

JS2 RESEARCH TOPICS FOR SECOND TERM 2023/2024 ACADEMIC YEAR

JS2 MUSIC

Using A4 paper write the Nigeria National Anthem with its key; Time signature, composed by and by and the wordings of song in line with its solfa note.

JS2 SOCIAL STUDIES

1a. What is emergency management (b) Write short notes on the following (i) Drowning management (ii) fire emergency management (iii) building collapse (iv) food poisoning

JS2 BASIC TECHNOLOGY

1.

Produce a wooden turner with above dimension (i) Explain type of wood, tools are used in production

2. Appliance is connected to 240V when a current of 10 Ampere flows through it. Calculate the resistance offered in ohms. (show the diagram)

3. a Jack requires 100k effort to lift a vehicle weighing 8000kg. Find the mechanical advantage of the Jack

JS2 COMPUTER

The concept Graphic Packages

JS2 IGBO

1. Kowa ihe bu ubiam na aguu putara

2. Deputa ihe na-ebute ubiam na aguu

3. Deputa uzo di iche iche esi egbochi ma kpochapu ubiam na aguu

JS2 AGRICULTURAL SCIENCE

TOPIC : METHODS OF WEEDS AND PEST CONTROL

Write on the following

Introduction

Common examples of weeds with botanical names

Characteristics of weeds

Uses of weeds

Weed control methods

Effect of weeds and weed control measures in agriculture

JS2 BASIC SCIENCE

1. Write short note on this followings (i) Work (ii) Energy and (iii) Power

2. What is the meaning of potential and kinetic energy

3. Calculate the work done, when a force of 15N moves through a distance of 12m in the direction of force

4. A body whose mass is 40kg runs up a staircase of 30steps, each 0.15m high in 6s. Find the average power developed.

5. Calculate the kinetic energy of a boy who's mass is 40kg running with average speed of 10m/s.

JS2 BUSINESS STUDIES

1. Define Business Goal

2. In details explain

JS2 MATHEMATICS

- 1a. Factorize $-3mn - 15m$
- b. Write down the factors of $14ab^2$
2. Simplify $\frac{(x - 2y)}{2} - \frac{(x + 8y)}{16}$ as far as possible.

JS2 CIVIC EDUCATION

1. Discuss concurrent and exclusive powers of government
2. What do you understand by the term rule of law
3. Explain the meaning of federation and its benefits

JS2 P H E

Draw the circulatory system of human being and label correctly

JS2 CCA

What is rehearsal outline the stages in rehearsal and discuss the importance of a rehearsal

JS2 C R S

A. Miracles of Jesus

- i. meaning of miracle (ii) nature miracles of Jesus e.g – Turning water into wine Jn 2: 1 – 11
calming the storm Mtt 8: 23 – 27; Mk 4: 35 – 41
Feeding of the 5000 Mtt 14: 13 – 21, Mk 6: 30 – 44, Lk 9: 10 – 17
Feeding of the 4000 Mk 8: 1 – 6
Walking on the water Mtt 14: 22 – 23, Mk 6: 45 – 52

B. Healing Miracles of Jesus

- i. The centurion's servant. Mtt 8: 5 – 13, Lk 7: 1 – 10
- ii. The Paralytic Mtt 9: 1 – 8, Mk 2: 1 – 12
- iii. The Gerasene demoniac Mk 5: 1 – 20

C. Jesus' Power over death

- i. Raising of the widow's son at Nain Lk 7: 11 – 17
- ii. Raising of Lazarus Jn 11; 1 – 45

D. Jesus subjects himself to civil and religious law

- i. Jesus attitude to civil and religious law Mtt 5: 17 – 20, 22: 15 – 22
- ii. Jesus paid tax Mtt 17: 24 – 27
- iii. Love as the supreme law Jn 13: 34 – 35, 1Cor 1; 31
- iv. The qualities of love Lk 2: 51; 1Cor 13

JS2 ENGLISH LANGUAGE

1. What is a myth? Give one concise example in not more than two pages of your paper. Or write on:
2. What is a legend? Give one example in not more than two page.

JS2 HISTORY

Work Book: theme 1
Topic 1 and Topic 2

JS2 CAT

- (a) What is baptism, describe how baptism is given and the promises we make in baptism
- (b) Discuss the necessity of baptism for salvation and quote the bible passage where baptism can be found.

JS2 FRENCH

List any twenty adjectives used to describe someone or something write in French with their English meanings

Example

- | | | | |
|----|------------------------------------|--------|-----------|
| 1. | Male | Female | English |
| | Beau - | belle | beautiful |
| | Courageux- courageuse – courageous | | |

2. Make a sentence with any ten of them in French with their English meaning.

JS2 LATIN

Write 20 Latin nouns of second declension ending in –us e.g Dominus Lord.

JS3 RESEARCH TOPICS FOR SECOND TERM 2023/2024 ACADEMIC YEAR

JS3 MUSIC

On the historical period, write on the topic, The classical period.

JS3 SOCIAL STUDIES

1b. Explain the meaning of harmful traditional practices (1b) Describe different types of harmful traditional practices (at least 4) (1c) Suggest three measures to prevent and stop harmful traditional practices in Nigeria communities

JS3 BASIC TECHNOLOGY

1a. What is the name given to the mechanical component, shown in the figure below (b) Name the parts labelled Z and P (c) If gear A has 40 teeth and gear B has 80 teeth, calculate (i) The gear ratio (ii) State four uses of gear

2. Using your drawing instrument to reproduction the block

Note: All dimensions is MM.

3.

The above diagram is wiring, in a board. Install the wiring and supply voltage and check how it works in either position of the switch.

JS3 COMPUTER

Write on digital divide.

JS3 IGBO

1. Kowa ihe bu Omenaala
2. Kedu mgbanwe ufodu na-abata n' ufodu omenaala Igbo
3. Kwuputa udofu omenaala n' ala azu
4. Deputa uru ikwalite omenaala Igbo bara

JS3 BASIC SCIENCE

1. What is drug?
2. Mention 5 effects of drug abuse
3. List out four (4) activities of each drug control agencies (NAFDAC AND NDLEA)
4. Mention three (3) resources from livingthings and non-livingthings
5. Draw and label the diagram of rainbow

JS3 BUSINESS STUDIES

- i. Define Occupation
- ii. In details, explain division of occupation
- iii. Explain factors that affect occupation

JS3 AGRICULTRAL SCIENCE

1. Give three reasons for covering food.
2. State two ways handling for safety.
3. State the meaning of food hygiene
4. Explain the meaning of food poisoning.
5. State two effects of consuming contaminated food
6. Describe three sensory signs of spoilage and causative micro organisms
7. List two causative micro-organisms
8. Explain four conditions that favour the growth of micro-organisms

JS3 CIVIC EDUCATION

1. Enumerate three rewards of right to work
2. Explain two effects of Negative behaviours on our society
3. Discuss three consequences of not having the right attitude to work
4. Write short note on the following (a) Sound education (b) Corruption (c) Electoral mal-practice

JS3 ENGLISH LANGAUGE

Write extensively on the various punctuation marks in English language. Explain them with examples.

JS3 P H E

Classification of athletics into their respective areas.

JS3 CCA

Mention three contemporary Nigerian artist and write their history. Explain two ways at can be used to generate income.

JS3 C R S

Teachings that will foster unity

Teachings that will foster unity. Eg. Faith and works, James 1: 22 – 27, humility. Phil 2: 3 – 11

Forgiveness Gal 6: 1 – 2,

Giving Phil 4: 14 – 19

Christian living
Christian living in the community. Mtt 5 : 13 – 16. Peter 2: 9 – 18

JS3 HISTORY

Work Book: theme 2
Unit 1.1 and Unit 1.2

JS3 MATHEMATICS

1. If $\frac{3}{x} + \frac{2}{y} = -5$; and $\frac{1}{x} - \frac{3}{y} = -17$, find the value $6x - y$
2. The mean of the set of numbers 2, 6, 8, 7, x , 11, 5, and y is 7. If x and y are positive integers, what is the difference between the highest possible value of xy and its least possible value?
3. The Area of a rectangle is three times that of a square. If the length of the rectangle is only $1\frac{1}{2}$ times that of the square and its width is 6cm, what is the perimeter of the square (do not leave your answer in decimal).

JS3 FRENCH

1. List any twenty adjectives use to describe a person with their English meanings
Ex; court – short
2. List twenty things one could see in a country like Nigeria.
Write in French with their English meanings

SS1 RESEARCH TOPICS FOR SECOND TERM 2023/2024 ACADEMIC YEAR

SS1 COMPUTER

1. Write on computer peripherals
2. Write on the component of computers
3. Draw the background of Corel-draw

SS1 ECONOMICS

Briefly discuss demand under the following headings

Definition of demand

Law of demand

Factors affecting demand and types of demand

SS1 IGBO

1a. Gini bu ahiriokwu

b. Deputa njirimara ahiriokwu niile i mara?

Ch. Deputa ma kowaa udi ahiriokwu niile di iche iche ma nyekwa omumaatu ha

2a. Gini bu nkejiasusu

b. Deputa njirimara nkejiasusu

ch. Deputakwa udi nkejiasusu di iche iche, kowaa ha ma nyekwa omumaatu he. Dika – mkpoaha (aha), nnochiaha, njuajuju, onuogugu, ngwaa, nsingwaa na enyemakagwa wdg.

SS1 CHEMISTRY

1. Classification of substances – mixtures and compounds

2. Separation techniques

(i). Filtration (ii) Evaporation (iii) Decantation (iv) floatation (v) frostation

SS1 AGRICULTRAL SCIENCE

TOPIC: LAND AND ITS USES

CONTENTS: Meaning of land

Characteristics of land

Uses of land

Agricultural purposes and non-agricultural purposes of land

Factors affecting land availability for agricultural purposes

SS1 FURTHER MATHS

1. The operation $*$ is defined as the set of real numbers R such that $x, y (R)$ the $x * y = \frac{x + y}{2}$ determine

(a) $3 * 2$ (b) $-5 * 4$ (c) $7 * 3$ (d) $\frac{1}{2} * \frac{1}{2}$

2. The first term of a G.P is while the common difference is 3. Find the 11th term

SS1 MATHEMATICS

1. If A is fastly constant and fastly varies as P when $A = 15, P = 21$ and when $A = 21, P = 24$. Find

(a) The law of variation between A and P (b) A when $P = 23$

2. Solve the equation $x^2 - 6x = -9$

SS1 BIOLOGY

TOPIC: Relevance of biology to Agriculture

The topic should be discussed under the following sub-headings

(i) classification of plants (ii) Effects of agriculture activities on ecological system (iii) pests and diseases of agricultural importance (iv) food production and storage

SS1 C R S

1. Write out the books of the bible and their authors
2. How many chapters and verses makes -up the bible
3. Longest name in the bible
4. Smallest book
5. Shortest verses

SS1 ENGLISH LANGAUGE

Write 100 idioms with their meanings and then explain with sentence example of each

SS1 LITERATURE-IN-ENGLISH

1. Do poems of 14 lines and make summary of each to represent (a) Italian Sonnet (b) Shakespearean Sonnet
2. Analyze any play that shows tragedy but must be of Non-African decent
3. Justify the use of songs, interlude, imagery and catharsis in any play of your choice.

SS1 PHYSICS

(A). A body starts from rest and accelerates at 4m/s^2 for 2s. Its velocity remains constant at the maximum value so reached for 6s and it finally comes to rest with uniform retardation after another 4s. Find by graphical method.

(a) The distance moved during each stage of the motion (b) The average velocity over the whole period.

(B). With the aid of a diagram, explain the following

(i) Accelerates (ii) Uniform / constant velocity (iii) Deceleration

SS1GEOGRAPHY

Study page of the atlas that corresponds with your first term position (NOTE: those that took first, second and third positions are to study the pages 95. 96 and 97 of the atlas respectively)

SS1 GOVERNMENT

TOPIC	CONTENT
AUTHORITY	(a) Definition / explanation of Authority
	(b) Types / forms of Authority
	(c) Means or sources of political Authority
	(d) Difference between Power and Authority

SS1 CAT

(a) Write out the 8 beatitudes and where it is located in the bible

(b) What is the greatest commandment and where can it be found in the bible.

SS1 CIVIC EDUCATION

Answer the whole questions

1. Outline Ten empowerment skills that youths require for self-reliance in Nigerian Society
2. State at least eight efforts of government towards youth empowerment
3. Highlight six ways by which Nigeria youths are being empowered.

NOTE: Write the research inside your note.

SS1 LATIN

Write in both Latin and English 7 objects that can be found in the classroom and 7 objects that can be found in the home.

SS2 RESEARCH TOPICS FOR SECOND TERM 2023/2024 ACADEMIC YEAR

SS2 COMPUTER

1. Write on computer virus stating

The types / examples

Sources

Signals of virus

2. Define safety measures in computer system

3. Draw the sitting arrangement in the computer lab.

SS2 ECONOMICS

Define Production possible curve

Briefly explain meaning and types of products using a well labelled diagram

State and explain the law of variable production

SS2 IGBO

1a. Ochichi odinaala na usoro ochichi

i. Ihe bu ochichi

ii. Udi ochichi odinaala umunna, Amala, Nze na Ozo, Ichie Mmanwu, Okonko, Umuada

iii. Oru ha n'obodo

2a. Ihe otu nzuzo na udi ya

i. Oru otu nzuzo

ii. Uru otu nzuzo bara

iii. Oghom di na ya

iv. Ndiiche otu nzuzo na otu ndi ozo

v. Mgbawwe din a ha ugbu a.

SS2 CHEMISTRY

FINE AND HEAVY CHEMICALS

What they are

Numerous Examples of each

Differences between them

SS2 ENGLISH LANGAUGE

1. A compositor bears in mind while writing that he/she would not be there to correct errors in the minds numerous readers, therefore he/she tries his/her best to make sure that his/her piece of writing is error free.

Explain how this can be achievable through these ways:

(a) Grammatically (b) Mechanically (c) Technically

2a. Define essay writing (b) explain these essay formats/ structure in detail

(i) Title (ii) Beginning (iii) Climax (middle) (iv) End (conclusion)

3. List the eight functions of Essay writing and explain each of them

SS2 AGRICULUTRAL SCIENCE

TOPIC: AGRO FORESTRY PRACTICES IN NIGERIA

CONTENTS: Meaning of agro-forestry

- Importance of agro-forestry
- Roles of trees in agro-forestry
- Advantages of growing trees with livestock production and types of agro-forestry practices
- Factors to be considered when selecting trees for agro-forestry practices
- Some species of tree species suitable for agro-forestry

SS2 FURTHER MATHS

1. If $y = x^3 - 5x^2 + 3x - 2$

Evaluate $\frac{dy}{dx}$

2. Evaluate

$$\lim_{x \rightarrow 1} \frac{x^2 + 4x - 5}{x^2 - 1}$$

SS2 MATHEMATICS

1. Solve the equation $x - y = 2$ and $x^2 + y^2 = 52$

2. Solve the inequality (a) $x + 1\frac{1}{2}x \geq 1\frac{2}{3}x - 1\frac{1}{6}$ (b) Show the result on a line graph

SS2 BIOLOGY

TOPIC: Nutrient cycling in nature

Nutrient cycling should be discussed as following (i) the carbon cycle (ii) the water cycle (iii) decomposition in nature

Note: Definitions, processes, importance diagrams are very importance in the work.

SS2 C R S

How many words and letters make up the bible?

2. Number of books
3. What are the numbers of promises given in the bible?
4. Longest verse
5. Books of the bible and authors

SS2 LITERATURE-IN-ENGLISH

Read the Novel – Unexpected Joy At Dawn and bring out the following

1. The thematic impulses in the novel
2. Summary the first chapters of the novel
3. Write on the major characters in the novel
4. Examine the languages used in the presentation of incidents in the novel.

SS2 PHYSICS

(A). Explain the following

(i) Machine (ii) Mechanical Advantage (iii) Velocity Ratio (iv) Efficiency

(B). A machine has an efficiency of 80%. If the machines is required to overcome a load of 60N with a force of 40N. Calculate the velocity ratio.

SS1GEOGRAPHY

Study page of the atlas that corresponds with your first term position (NOTE: those that took first, second and third positions are to study the pages 95. 96 and 97 of the atlas respectively)

SS2 GOVERNMENT

TOPIC	CONTENT
Delegated legislation	(a) Meaning of delegated legislature
	(b) Types of delegated legislature
	(c) Reasons why delegated legislation is necessary in modern government
	(d) Criticisms against delegated legislation
	(e) Control of delegated legislation

SS2 CIVIC EDUCATION

Answer the whole questions

1. Explain the following forms of civic society

(a) Pro-democracy group (b) Labour groups (c) Professional groups (d) Religious groups (e) Student groups
(f) Gender based groups (g) Human rights groups

2. Outline five consequences of political apathy to a developing nation.

NOTE: Write the research inside your note.