

CENTRE FOR GRADE 'A' EXAMINATION

(GRADE 'A' EXAM CONSULT)

For enquire

0209390183

0547278907



BASIC 9

SCHEME OF LEARNING

(WORK)

FOR 1st TERM-2025/26

NOTE! Teachers must pay much attention to the content standard and indicator

IMPORTANT NOTICE !

Submission of enrolment: **20th Sept, 2025 to 20th Nov, 2025**

Collection of materials: **2th Dec to 8th Dec, 2025**

First Term Exams Schedule on: 10th Dec to 17th Dec, 2025

Registration is **not valid** unless full payment of exams is made.

Note: There can be changes to the examination date.

GRADE 'A' EXAMS CONSULT

1ST TERM SCHEME OF LEARNING (WORK) FOR BS 9

SUBJECT: ENGLISH LANGUAGE				
WEEKS	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
1	REVISION			
2	ORAL LANGUAGE	CONVERSATION/ EVERYDAY DISCOURSE	B9.1.1.1: Demonstrate the use of appropriate language orally in specific situations	B9.1.1.1.1. Use appropriate register in everyday communication (informal and formal) with diverse partners on grade-level topics/texts/issues
	READING	COMPREHENSION	B9.2.1.1: Demonstrate increasing confidence and enjoyment in independent reading.	B9.2.1.1.1. Read a variety of grade level texts and demonstrate understanding
	GRAMMAR USAGE	GRAMMAR	B9.3.1.1: Apply the knowledge of phrases and clauses and their functions in Communication	B9.3.1.1.1. Use noun phrases accurately in context
	WRITING	PRODUCTION AND DISTRIBUTION OF WRITING	B9.4.1.1: Develop, organise and express ideas coherently and cohesively in writing	B9.4.1.1.1. Compose logically connected paragraphs to show unity, completeness and coherence using appropriate cohesive devices, e.g., connectors, pronouns, repetition of vocabulary or grammatical structures
	LITERATURE	NARRATIVE, DRAMA AND POETRY	Narrative, Drama and Poetry	THE COCKCROW: Debbie, Sandy and Pepe
3	ORAL LANGUAGE	CONVERSATION/ EVERYDAY DISCOURSE	B9.1.1.1: Demonstrate the use of appropriate language orally in specific situations	B9.1.1.1.1. Use appropriate register in everyday communication (informal and formal) with diverse partners on grade-level topics/texts/issues
	READING	COMPREHENSION	B9.2.1.1: Demonstrate increasing confidence and enjoyment in independent reading.	B9.2.1.1.1. Read a variety of grade level texts and demonstrate understanding
	GRAMMAR USAGE	GRAMMAR	B9.3.1.1: Apply the knowledge of phrases and clauses and their functions in Communication	B9.3.1.1.1. Use noun phrases accurately in context
	WRITING	PRODUCTION AND DISTRIBUTION OF WRITING	B9.4.1.1: Develop, organise and express ideas coherently and cohesively in writing	B9.4.1.1.1. Compose logically connected paragraphs to show unity, completeness and coherence using appropriate cohesive devices, e.g., connectors, pronouns, repetition of vocabulary or grammatical structures
	LITERATURE	NARRATIVE, DRAMA AND POETRY	Narrative, Drama and Poetry	THE COCKCROW: The Colour of God and Dessert Rivers

	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
4	ORAL LANGUAGE	LISTENING COMPREHENSION	B9.1.1.1: Demonstrate use of appropriate language orally in specific situations	B9.1.1.1.2. Ask questions that link the ideas of several speakers and respond to others' questions in a discussion
	READING	COMPREHENSION	B9.2.1.1: Demonstrate increasing confidence and enjoyment in independent reading.	B9.2.1.1.2. Reflect on how reading impacts self and others see the world (contrasting viewpoints, evaluating reasoning, determining importance or credibility)
	GRAMMAR USAGE	GRAMMAR	B9.3.1.1: Apply the knowledge of phrases and clauses and their functions in Communication	B9.3.1.1.2. Demonstrate command using multiple adjectives in the correct order, and using quantifiers effectively in speaking and writing
	WRITING	PRODUCTION AND DISTRIBUTION OF WRITING	B9.4.1.1: Develop, organise and express ideas coherently and cohesively in writing	B9.4.1.1.1. Compose logically connected paragraphs to show unity, completeness and coherence using appropriate cohesive devices, e.g., connectors, pronouns, repetition of vocabulary or grammatical structures
	LITERATURE	NARRATIVE, DRAMA AND POETRY	Narrative, Drama and Poetry	THE COCKCROW: The Old Man and His Children
5	ORAL LANGUAGE	LISTENING COMPREHENSION	B9.1.1.1: Demonstrate use of appropriate language orally in specific situations	B9.1.1.1.2. Ask questions that link the ideas of several speakers and respond to others' questions in a discussion
	READING	COMPREHENSION	B9.2.1.1: Demonstrate increasing confidence and enjoyment in independent reading.	B9.2.1.1.2. Reflect on how reading impacts self and others see the world (contrasting viewpoints, evaluating reasoning, determining importance or credibility)
	GRAMMAR USAGE	GRAMMAR	B9.3.1.1: Apply the knowledge of phrases and clauses and their functions in Communication	B9.3.1.1.2. Demonstrate command using multiple adjectives in the correct order, and using quantifiers effectively in speaking and writing
	WRITING	TEXT TYPES AND PURPOSES	B9.4.1.1: Develop, organise and express ideas coherently and cohesively in writing	B9.4.1.1.2. Develop a paragraph to show paragraph unity and completeness using supporting details (e.g. explanation, elaboration, definition, examples)
	LITERATURE	NARRATIVE, DRAMA AND POETRY	Narrative, Drama and Poetry	THE COCKCROW: The Dilemma of the Ghost (prelude)
6	ORAL LANGUAGE	LISTENING COMPREHENSION	B9.1.1.1: Demonstrate use of appropriate language orally in specific situations	B9.1.1.1.3. Use appropriate language and open-ended questions to discuss grade-level national and global issues
	READING	COMPREHENSION	B9.2.1.1: Demonstrate increasing confidence and enjoyment in independent reading.	B9.2.1.1.3. Evaluate ways that the media helps to disseminate information via different text types
	GRAMMAR USAGE	GRAMMAR	B9.3.1.1: Apply the knowledge of phrases and clauses and their functions in Communication.	B9.3.1.1.3. Use more complex phrasal verbs accurately in speech and writing
	WRITING	PRODUCTION AND DISTRIBUTION OF WRITING	B9.4.1.1: Develop, organise and express ideas coherently and cohesively in writing	B9.4.1.1.2. Develop a paragraph to show paragraph unity and completeness using supporting details (e.g. explanation, elaboration, definition, examples)
	LITERATURE	NARRATIVE, DRAMA AND POETRY	Narrative, Drama and Poetry	THE COCKCROW: The Dilemma of the Ghost (Act 1)

	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
7	ORAL LANGUAGE	LISTENING COMPREHENSION	B9.1.1.1: Demonstrate use of appropriate language orally in specific situations	B9.1.1.1.3. Use appropriate language and open-ended questions to discuss grade-level national and global issues
	READING	COMPREHENSION	B9.2.1.1: Demonstrate increasing confidence and enjoyment in independent reading.	B9.2.1.1.3. Evaluate ways that the media helps to disseminate information via different text types
	GRAMMAR USAGE	GRAMMAR	B9.3.1.1: Apply the knowledge of word classes and their functions in Communication	B9.3.1.1.3. Use more complex phrasal verbs accurately in speech and writing
	WRITING	PRODUCTION AND DISTRIBUTION OF WRITING	B9.4.1.1: Develop, organise and express ideas coherently and cohesively in writing	B9.4.1.1.2. Develop a paragraph to show paragraph unity and completeness using supporting details (e.g. explanation, elaboration, definition, examples)
	LITERATURE	NARRATIVE, DRAMA AND POETRY	Narrative, Drama and Poetry	THE COCKCROW: The Dilemma of the Ghost (Act 2)
8	ORAL LANGUAGE	LISTENING COMPREHENSION	B9.1.1.1: Demonstrate the use of appropriate language orally in specific situations	B9.1.1.1.4. Demonstrate appropriate turn taking and use techniques for effective argument (debating)
	READING	COMPREHENSION	B9.2.1.1: Demonstrate increasing confidence and enjoyment in independent reading.	B9/JHS3.2.1.1.4. Expand various ideas and perspectives in texts
	GRAMMAR USAGE	GRAMMAR	B9.3.1.1: Apply the knowledge of phrases and clauses and their functions in Communication.	B9.3.1.1.4. Use the knowledge of the adverbial phrase and its functions
	WRITING	PRODUCTION AND DISTRIBUTION OF WRITING	B9.4.1.2: Create different paragraphs a given topic	B9.4.1.2.1. Compose more complex paragraphs using appropriate strategies
	LITERATURE	NARRATIVE, DRAMA AND POETRY	Narrative, Drama and Poetry	THE COCKCROW: The Dilemma of the Ghost (Act 3)
9	ORAL LANGUAGE	LISTENING COMPREHENSION	B9.1.1.1: Demonstrate the use of appropriate language orally in specific situations	B9.1.1.1.4. Demonstrate appropriate turn taking and use techniques for effective argument (debating)
	READING	COMPREHENSION	B9.2.1.1: Demonstrate increasing confidence and enjoyment in independent reading.	B9/JHS3.2.1.1.4. Expand various ideas and perspectives in texts
	GRAMMAR USAGE	GRAMMAR	B9.3.1.1: Apply the knowledge of phrases and clauses and their functions in Communication.	B9.3.1.1.4. Use the knowledge of the adverbial phrase and its functions
	WRITING	PRODUCTION AND DISTRIBUTION OF WRITING	B9.4.1.2: Create different paragraphs a given topic	B9.4.1.2.1. Compose more complex paragraphs using appropriate strategies
	LITERATURE	NARRATIVE, DRAMA AND POETRY	Narrative, Drama and Poetry	THE COCKCROW: The Dilemma of the Ghost (Act 4)
10	ORAL LANGUAGE	LISTENING COMPREHENSION	B9.1.1.1: Demonstrate the use of appropriate language orally in specific situations	B9.1.1.1.4. Demonstrate appropriate turn taking and use techniques for effective argument (debating)
	READING	COMPREHENSION	B9.2.1.1: Demonstrate increasing confidence and enjoyment in independent reading.	B9/JHS3.2.1.1.4. Expand various ideas and perspectives in texts
	GRAMMAR USAGE	GRAMMAR	B9.3.1.1: Apply the knowledge of phrases and clauses and their functions in Communication.	B9.3.1.1.4. Use the knowledge of the adverbial phrase and its functions

	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
	WRITING	PRODUCTION AND DISTRIBUTION OF WRITING	B9.4.1.2: Create different paragraphs a given topic	B9.4.1.2.1. Compose more complex paragraphs using appropriate strategies
	LITERATURE	NARRATIVE, DRAMA AND POETRY	Narrative, Drama and Poetry	THE COCKCROW: The Dilemma of the Ghost (Act 5)
11	ORAL LANGUAGE	LISTENING COMPREHENSION	B9.1.1.1: Demonstrate use of appropriate language orally in specific situations	B9.1.1.1.4. Demonstrate appropriate turn taking and use techniques for effective argument (debating)
	READING	COMPREHENSION	B9.2.1.1: Demonstrate increasing confidence and enjoyment in independent reading.	B9.2.1.1.4. Expand various ideas and perspectives in texts
	GRAMMAR USAGE	GRAMMAR	B9.3.1.1: Apply the knowledge of word classes and their functions in Communication	B9.3.1.1.4. Use the knowledge of the adverbial phrase and its functions
	WRITING	PRODUCTION AND DISTRIBUTION OF WRITING	B9.4.1.2: Create different paragraphs a given topic	B9.4.1.2.1. Compose more complex paragraphs using appropriate strategies
	LITERATURE	NARRATIVE, DRAMA AND POETRY	Narrative, Drama and Poetry	THE COCKCROW: Ripples
12	ORAL LANGUAGE	LISTENING COMPREHENSION	B9.1.1.1: Demonstrate use of appropriate language orally in specific situations	B9.1.1.1.4. Demonstrate appropriate turn taking and use techniques for effective argument (debating)
	READING	COMPREHENSION	B9.2.1.1: Demonstrate increasing confidence and enjoyment in independent reading.	B9.2.1.1.4. Expand various ideas and perspectives in texts
	GRAMMAR USAGE	GRAMMAR	B9.3.1.1: Apply the knowledge of word classes and their functions in Communication	B9.3.1.1.4. Use the knowledge of the adverbial phrase and its functions
	WRITING	PRODUCTION AND DISTRIBUTION OF WRITING	B9.4.1.2: Create different paragraphs a given topic	B9.4.1.2.1. Compose more complex paragraphs using appropriate strategies
	LITERATURE	NARRATIVE, DRAMA AND POETRY	Narrative, Drama and Poetry	THE COCKCROW: A Day's Wait
13	REVISION			
14 & 15	EXAMINATION			

SUBJECT: RELIGIOUS AND MORAL EDUCATION

WEEKS	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
1	REVISION			
2	GOD,HIS CREATION AND ATTRIBUTES	THE PURPOSE AND USEFULNESS OF GOD'S CREATION	B9/JHS3 1.1.1: Describe and explain the purpose and usefulness of God's creation	B9/JHS3 1.1.1.1: Identify the purpose and usefulness of God's
3	GOD,HIS CREATION AND ATTRIBUTES	THE PURPOSE AND USEFULNESS OF GOD'S CREATION	B9/JHS3 1.1.1: Describe and explain the purpose and usefulness of God's creation	B9/JHS3 1.1.1.1: Identify the purpose and usefulness of God's
4	GOD,HIS CREATION AND ATTRIBUTES	THE PURPOSE AND USEFULNESS OF GOD'S CREATION	B9/JHS3 1.1.1: Describe and explain the purpose and usefulness of God's creation	B9/JHS3 1.1.1.2: Explain how the complex nature of things created by God reveals His nature
5	GOD,HIS CREATION AND ATTRIBUTES	THE PURPOSE AND USEFULNESS OF GOD'S CREATION	B9/JHS3 1.1.1: Describe and explain the purpose and usefulness of God's creation	B9/JHS3 1.1.1.2: Explain how the complex nature of things created by God reveals His nature
6	GOD,HIS CREATION AND ATTRIBUTES	THE ENVIRONMENT	B9/JHS3 1.2.1: Explain why it is important to care for the environment and how to do so	B9/JHS3 1.2.1.1: Describe human activities that destroy the environment
7	GOD,HIS CREATION AND ATTRIBUTES	THE ENVIRONMENT	B9/JHS3 1.2.1: Explain why it is important to care for the environment and how to do so	B9.1.2.1.2: Identify and describe how indigenous Ghanaian culture helps in taking care of the environment
8	GOD,HIS CREATION AND ATTRIBUTES	THE ENVIRONMENT	B9/JHS3 1.2.1: Explain why it is important to care for the environment and how to do so	B9/JHS3 1.2.1.3: Discuss reasons for taking care for the environment
9	RELIGIOUS PRACTICE	RELIGIOUS FESTIVALS	B9/JHS3 2.1.1: Understand the relevance of, and the need to participate in, religious festivals	B9/JHS3 2.1.1.1: State the meaning and types of festivals
10	RELIGIOUS PRACTICE	RELIGIOUS FESTIVALS	B9/JHS3 2.1.1: Understand the relevance of, and the need to participate in, religious festivals	B9/JHS3 2.1.1.2: Describe the activities in festivals celebrated in the three main religions in Ghana
11	RELIGIOUS PRACTICE	RELIGIOUS FESTIVALS	B9/JHS3 2.1.1: Understand the relevance of, and the need to participate in, religious festivals	B9/JHS3 2.1.1.3: Identify and explain the social, religious and moral relevance of festivals in the three main religions and relate them to daily life
12	RELIGIOUS PRACTICE	RELIGIOUS FESTIVALS	B9/JHS3 2.1.1: Understand the relevance of, and the need to participate in, religious festivals	B9/JHS3 2.1.1.3: Identify and explain the social, religious and moral relevance of festivals in the three main religions and relate them to daily life
13	REVISION			
14 & 15	EXAMINATION			

SUBJECT: MATHEMATICS

WEEKS	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
1	REVISION			
2	NUMBER	NUMBER AND NUMERATION SYSTEMS	B9.1.1.1 Apply the understanding of place value in solving real life problems involving integers of any size, rounding this to given decimal places and significant figures	B9.1.1.1.1 Express integers to a given number of significant and decimal places B9.1.1.1.2. Use knowledge and understanding of place value to solve real life problems
3	NUMBER	NUMBER AND NUMERATION SYSTEMS	B9.1.1.2 Demonstrate an understanding of the relationship between members of the rational number system and solve real life problems involving union and intersection of three sets	B9.1.1.2.1 Solve problems on relationship between members of the rational number system using knowledge and understanding of the concept of union and intersection of two sets. B9.1.1.2.2 Apply the concept of sets to solve problems on relationship between members of rational number system and solve real life problems involving union and intersection of two sets
4	NUMBER	NUMBER OPERATIONS	B.9.1.2.1 Apply mental mathematics and properties to determine answers for addition and subtraction of basic facts.	B9.1.2.1.1 Multiply and divide given numbers by powers of 10 including decimals and benchmark fractions
5	NUMBER	NUMBER OPERATIONS	B9.1.2.2 Apply the understanding of addition, subtraction, multiplication and division of decimal numbers to solve problems, and round answers to given decimal places and significant figures	B9.1.2.2.1 Solve operations involving addition, subtraction, multiplication and division using word problems. B9.1.2.2.2 Solve word problems involving the four basic operations and round the answers to the nearest two decimal figures or to some significant figures
6	NUMBER	NUMBER OPERATIONS	B9.1.2.4 Demonstrate understanding of surds as real numbers, the process of adding and subtracting of surds as well as determining (using a calculator) the approximate square root of a number that is not a perfect square.	B9.1.2.4.1 Identify simple and compound surds B9.1.2.4.2 Explain the identities/rules of surds
7	NUMBER	NUMBER OPERATIONS	B9.1.2.4 Demonstrate understanding of surds as real numbers, the process of adding and subtracting of surds as well as determining (using a calculator) the approximate square root of a number that is not a perfect square.	B9.1.2.4.3 Simplify given surds B9.1.2.4.4 Approximate the square roots of non-perfect squares with calculators/tables.
8	NUMBER	FRACTIONS, DECIMALS AND PERCENTAGES	B9.1.3.1 Apply the understanding of operations on fractions to solve problems involving fractions of given quantities and round the results to given decimal and significant places	B9.1.3.1.1 Review fractions and solve problems involving basic operations on fractions
9	NUMBER	FRACTIONS, DECIMALS AND PERCENTAGES	B9.1.3.1 Apply the understanding of operations on fractions to solve problems involving fractions of given quantities and round the results to given decimal and significant places	B9.1.3.1.2 Add and/or subtract, multiply and/or divide given fractions, using the principle of order of operations including the use of the BODMAS or PEMDAS rule, and apply the understanding of these to solve problems. B9.1.3.1.3. Review word problems involving basic operations on fractions.

WEEKS	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
10	NUMBER	RATIOS AND PROPORTION	B9.1.4.1 Apply the understanding of ratio, rate and proportions to solve problems that involve rates, ratios, and proportional reasoning and use it to solve real-world mathematical problems.	B9.1.4.1.1 Represent proportional relationships by equations. B9.1.4.1.2 Use proportional relationships to solve multistep ratio and percent problems, examples: simple interest, tax, discount and commissions, NHIL, depreciation, insurance, etc.
11	NUMBER	RATIOS AND PROPORTION	B9.1.4.1 Apply the understanding of ratio, rate and proportions to solve problems that involve rates, ratios, and proportional reasoning and use it to solve real-world mathematical problems.	B9.1.4.1.1 Represent proportional relationships by equations. B9.1.4.1.2 Use proportional relationships to solve multistep ratio and percent problems, examples: simple interest, tax, discount and commissions, NHIL, depreciation, insurance, etc.
12	NUMBER	RATIOS AND PROPORTION	B9.1.4.1 Apply the understanding of ratio, rate and proportions to solve problems that involve rates, ratios, and proportional reasoning and use it to solve real-world mathematical problems.	B9.1.4.1.3 Use knowledge of rates and proportional reasoning to solve problems involving SSNIT benefits and contributions.
13	REVISION			
14 & 15	EXAMINATION			

SUBJECT: SOCIAL STUDIES

WEEKS	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
1	REVISION			
2	ENVIRONMENT	ENVIRONMENT ISSUES	B9.1.1.1 Demonstrate skills in dealing with environmental challenges	B9.1.1.1.1. Examine air pollution as an environmental challenge
3	ENVIRONMENT	ENVIRONMENT ISSUES	B9.1.1.1 Demonstrate skills in dealing with environmental challenges	B9.1.1.1.1. Examine air pollution as an environmental challenge
4	ENVIRONMENT	ENVIRONMENT ISSUES	B9.1.1.2. Evaluate the sources and ways of conserving energy	B9.1.1.2.1. Assess global sources and the means of conserving energy
5	ENVIRONMENT	ENVIRONMENT ISSUES	B9.1.1.2. Evaluate the sources and ways of conserving energy	B9.1.1.2.1. Assess global sources and the means of conserving energy
6	ENVIRONMENT	OUR NATURAL AND HUMAN RESOURCES	B9.1.4.1. Investigate the natural and human resources around us	B9.1.4.1.1. Examine the importance of natural resources to the development of Ghana
7	ENVIRONMENT	OUR NATURAL AND HUMAN RESOURCES	B9.1.4.1. Investigate the natural and human resources around us	B9.1.4.1.1. Examine the importance of natural resources to the development of Ghana
8	ENVIRONMENT	OUR NATURAL AND HUMAN RESOURCES	B9.1.4.1. Investigate the natural and human resources around us	B9.1.4.1.2. Evaluate the importance of human resources to the development of Ghana
9	FAMILY LIFE	THE FAMILY	B9.2.2.1. Evaluate the institution of marriage in Ghana	B9.2.2.1.1. Examine the importance of marriage as a social institution in Ghana
10	FAMILY LIFE	THE FAMILY	B9.2.2.2. Assess the need for responsible parenting in the family	B9. 2.2.2.1. Examine the importance of responsible parenting within the family system
11	FAMILY LIFE	THE FAMILY	B9.2.4.1. Analyse the population structure in Ghana and its related issues	B9. 2.4.1.1. Assess population structure in Ghana and its associated development issues
12	FAMILY LIFE	THE FAMILY	B9.2.4.1. Analyse the population structure in Ghana and its related issues	B9. 2.4.1.1. Assess population structure in Ghana and its associated development issues
13	REVISION			
14 & 15	EXAMINATION			

SUBJECT: SCIENCE

WEEKS	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
1	REVISION			
2	DIVERSITY OF MATTER	MATERIALS	B9.1.1.1 Show an understanding of formation of binary chemical compounds and their uses (Acids, Bases and Salts)	B9.1.1.1.1 Identify by name binary chemical compounds and discuss their uses. B9.1.1.1.2 Discuss the formation of binary chemical compounds. B9.1.1.1.3 Describe the characteristics of common acids, bases and salts.
3	DIVERSITY OF MATTER	MATERIALS	B9.1.1.2 Demonstrate knowledge of atomic bonding in the formation of chemical compounds	B9.1.1.2.1 Recognise that chemical bond results from the attraction between atoms in a compound
4	DIVERSITY OF MATTER	LIVING CELLS	B9.1.2.1 Demonstrate knowledge of specialist cells of dicotyledonous plants and humans, their formation and functions for the existence of the plants and humans	B9.1.2.1.1 Discuss the concepts of specialised cells and how they are formed in dicotyledonous plants and humans B9.1.2.1.2 Examine the functions of specialised cells in dicotyledonous plants such as epidermal, guard cells, cambium, xylem in relation to the existence of the plants B9.1.2.1.3 Examine the functions of specialised animal cells such as (nerve, blood cells, muscle cells and sperm cells) in relation to the existence of humans
5	CYCLES	EARTH SCIENCE	B9.2.1.1 Demonstrate an understanding of the Nitrogen cycle as a repeated pattern of change in nature, and how it relates to the environment	B9.2.1.1.1 Explain the process of the nitrogen cycle as a repeated pattern in nature. B9.2.1.1.2 Describe the importance of the nitrogen cycle to the environment
6	CYCLES	LIFE CYCLE OF ORGANISMS	B9.2.2.1 Demonstrate an understanding of the life cycle of grasshopper and assess how their activities affect humans	B9.2.2.1.1 Describe the life cycle of the grasshopper as a form of incomplete metamorphosis. B9.2.2.1.2 Examine how the activities of the grasshopper affect humans.
7	CYCLES	CROP PRODUCTION	B9.2.3.1 Show an understanding of differences in maturities of different crops grown in different soils and different seed beds	B9/JHS3.2.3.1.1 Observe and describe differences in maturation of crops grown in different soils and on different seed beds
8	CYCLES	CROP PRODUCTION	B9.2.3.2 Demonstrate knowledge and understanding of uses of different crops at different maturity stages	B9.2.3.2.1 Observe and record the uses of different crops at different maturity stages. B9.2.3.2.2 Evaluate the importance of knowledge of maturity stages of different crops to human beings
9	CYCLES	ANIMAL PRODUCTION	B9.2.4.1 Demonstrate understanding of the preparation of feed for domestic and commercial animals	B9.2.4.1.1 List the ingredients and the method of preparation of different feed for different domestic and commercial animals
10	CYCLES	ANIMAL PRODUCTION	B9.2.4.2 Demonstrate skills and knowledge of feeding domestic and commercial animals	B9.2.4.2.1 Describe and select appropriate feed for different domestic and commercial animals. B9.2.4.2.2 Differentiate between different types of feed for different stages of domestic and commercial animals. B9.2.4.2.3 Perform the feeding of domestic and commercial animals.
11 & 12	SYSTEMS	THE SOLAR SYSTEMS	B9.3.2.1 Demonstrate knowledge of other non- planetary bodies such as comets, asteroids, and their relationship with the solar system	B9.3.2.1.1 Understand the movement of non-planetary bodies in the solar system
13	REVISION			
14 & 15	EXAMINATION			

SUBJECT: CAREER TECHNOLOGY

WEEKS	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
1	REVISION			
2	HEALTH AND SEFETY	PERSONAL HYGIENE AND FOOD HYGIENE	B9.1.1.1 Demonstrate skills that relate to personal and food hygiene to self	B9.1.1.1.1: Practice good grooming B9.1.1.1.2: Observe appropriate food hygiene practices
3	HEALTH AND SEFETY	PERSONAL, WORKSHOP AND FOOD LABORATORY SAFETY	B9.1.2.1 Demonstrate skills that relate to personal, workshop and laboratory safety	B9.1.2.1.1: Describe procedures for reporting accidents and unsafe practices in school and in the laboratory /workshop/site
4	HEALTH AND SEFETY	PERSONAL, WORKSHOP AND FOOD LABORATORY SAFETY	B9.1.2.1 Demonstrate skills that relate to personal, workshop and laboratory safety	B9.1.2.1.2: Use appropriate personal protective equipment when working B9/JHS3.1.2.1.3: Maintain safe working environments
5	HEALTH AND SEFETY	ENVIRONMENTAL HEALTH	B9.1.3.1 Demonstrate understanding and practice of environmental health in the school/home	B9.1.3.1.1: Discuss the causes and prevention of poor sanitation in the school /home /community /workshop /site /laboratory.
6	HEALTH AND SEFETY	ENVIRONMENTAL HEALTH	B9.1.3.2 Demonstrate understanding of clean energy, and Improved Cook stoves (ICS) and their accompanying fuels	B9/1.3.2.1: Discuss what is meant by clean energy and improved cook stoves and fuels B9.1.3.2.2: Discuss the benefits of improved cook stoves and fuels
7	MATERIALS FOR PRODUCTION	COMPLIANT MATERIALS	B9.2.1.1 Demonstrate skills in selecting compliant materials for making products and artefacts	B9.2.1.1.1: Discuss the factors that influence the selection of compliant materials
8	MATERIALS FOR PRODUCTION	COMPLIANT MATERIALS	B9.2.1.1 Demonstrate skills in selecting compliant materials for making products and artefacts	B9.2.1.1.1: Discuss the factors that influence the selection of compliant materials
9	MATERIALS FOR PRODUCTION	RESISTANT MATERIALS	B9.2.2.1 Demonstrate skills in selecting resistant materials for making products/artefacts	B9.2.2.1.1: Discuss the factors that influence the selection of resistant materials B9.2.2.1.2: Discuss the reasons why resistant materials require particular techniques and tools for their safe handling and use
10	MATERIALS FOR PRODUCTION	RESISTANT MATERIALS	B9.2.2.1 Demonstrate skills in selecting resistant materials for making products/artefacts	B9.2.2.1.1: Discuss the factors that influence the selection of resistant materials B9.2.2.1.2: Discuss the reasons why resistant materials require particular techniques and tools for their safe handling and use
11	MATERIALS FOR PRODUCTION	SMART AND MODERN MATERIALS	B9.2.3.1 Demonstrate understanding of using smart and modern materials for making products/artefacts	B9.2.3.1.1: Discuss reasons for using smart and modern materials for making products/artefacts
12	MATERIALS FOR PRODUCTION	SMART AND MODERN MATERIALS	B9.2.3.1 Demonstrate understanding of using smart and modern materials for making products/artefacts	B9.2.3.1.1: Discuss reasons for using smart and modern materials for making products/artefacts
13	REVISION			
14 & 15	EXAMINATION			

SUBJECT: COMPUTING

WEEKS	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
1	REVISION			
2	INTRODUCTION TO COMPUTING	COMPONENTS OF COMPUTERS AND COMPUTER SYSTEMS	B9.1.1.1 Identify parts of a Computer and Technology Tools	B91.1.1.1. Discuss the trends in the next generation of computers B9.1.1.1.2. Examine the concept of Perceptual Computing
3	INTRODUCTION TO COMPUTING	COMPONENTS OF COMPUTERS AND COMPUTER SYSTEMS	B9.1.1.1 Identify parts of a Computer and Technology Tools	B9.1.1.1.3 Discuss the uses of Output devices such as Wearable Displays, E-Paper, E-Books, Kindle.
4	INTRODUCTION TO COMPUTING	COMPONENTS OF COMPUTERS AND COMPUTER SYSTEMS	B9.1.1.1 Identify parts of a Computer and Technology Tools	B9.1.1.1.4 Describe Storage Systems: Network and Cloud Storage Systems , Smart Cards, Holographic Storage, Storage Systems for Large Computer Systems (home servers or media servers)
5	INTRODUCTION TO COMPUTING	COMPONENTS OF COMPUTERS AND COMPUTER SYSTEMS	B9.1.1.2. Demonstrate the Use of the Desktop	B91.1.2.1 Explore personalisation of the computer B9.1.1.2.2 Identify and use file management techniques (drivers and hardware)
6	INTRODUCTION TO COMPUTING	TECHNOLOGY IN THE COMMUNITY	B9.1.2.1. Demonstrate the Use of Technology in the Community	B9.1.2.1.1. Evaluate problems in the community that can be solved with technology
7	INTRODUCTION TO COMPUTING	TECHNOLOGY IN THE COMMUNITY	B9.1.2.1. Demonstrate the Use of Technology in the Community	B9.1.2.1.2. Propose solutions to the problems identified B9.1.2.1.3. Design the solution selected
8	INTRODUCTION TO COMPUTING	HEALTH AND SAFETY IN USING ICT TOOLS	B9.1.3.1. Demonstrate How to Apply Health and Safety Measures in the Use ICT Tools	B9.1.3.1.1 Evaluate health issues at workstations B9.1.3.1.2 Evaluate Safety Risk Reduction at issues at workstations
9	INTRODUCTION TO COMPUTING	HEALTH AND SAFETY IN USING ICT TOOLS	B9.1.3.1. Demonstrate How to Apply Health and Safety Measures in the Use ICT Tools	B9.1.3.1.1 Evaluate health issues at workstations B9.1.3.1.2 Evaluate Safety Risk Reduction at issues at workstations
10	PRODUCTIVITY SOFTWARE	INTRODUCTION TO WORD PROCESSING	B9.2.1.1 Demonstrate How to Use Microsoft Word (Multimedia)	B9.2.1.1.1. Demonstrate how to add pictures, insert a screenshot and screen clipping and print screen
11	PRODUCTIVITY SOFTWARE	INTRODUCTION TO WORD PROCESSING	B9.2.1.1 Demonstrate How to Use Microsoft Word (Multimedia)	B9.2.1.1.2. Demonstrate the use of SmartArt
12	PRODUCTIVITY SOFTWARE	INTRODUCTION TO WORD PROCESSING	B9.2.1.1 Demonstrate How to Use Microsoft Word (Multimedia)	B9.2.1.1.3. Demonstrate how to add Multimedia (audios, videos, animations), Charts and Hyperlinks
13	REVISION			
14 & 15	EXAMINATION			

SUBJECT: CREATIVE ARTS & DESIGN (CAD)

WEEKS	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
1	REVISION			
2	DESIGN	DESIGN IN NATURE AND MANMADE ENVIRONMENT	B9.1.1.1 Demonstrate understanding of design as a concept in relation to the elements (form, value) and principles (variety, proportion) of design and as a medium for creative expression of design in nature and the manmade environment.	B9.1.1.1.1 Demonstrate understanding of design as a concept by using the elements and principles of design as a medium for creative expression of design in nature and the manmade environment.
3	DESIGN	DRAWING, SHADING, COLOURING AND MODELLING FOR DESIGN	B9.1.2.1. Demonstrate understanding and use of (3- D drawing, shading, colouring and modelling) media and techniques for creative expression of design ideas.	B9.1.2.1.1 Explore available manual and digital tools, materials and techniques for 3-D drawing, shading and colouring to create designs from lines, simple shapes and forms.
4	DESIGN	CREATIVITY, INNOVATION AND THE DESIGN PROCESS	B9.1.3.1 Demonstrate understanding of creativity and innovation in terms of the <i>design process</i> , and its application in developing design solutions to problems in society.	B9.1.3.1.1 Distinguish between creativity and innovation and their application for developing design solutions to problems in society.
5	CREATIVE ARTS (VISUAL ARTS)	MEDIA AND TECHNIQUES	B9.2.1.1. Visual Arts: Demonstrate understanding and apply media and techniques in casting, assemblage and folding	B9.2.1.1.1 Explore and identify media and techniques used to create visual artworks by casting, assemblage and folding
6	CREATIVE ARTS (PERFORMING ARTS)	MEDIA AND TECHNIQUES	B9.2.1.2. Performing Arts - Music: Demonstrate knowledge, understanding and application of triads, chord progression and improvisation in music	B9/JHS3 2.1.2.5 Sing in pitch triads on all the seven degrees of the scale horizontally (<i>arpeggios</i>) and vertically (<i>harmony</i>)
7	CREATIVE ARTS (DANCE AND DRAMA)	MEDIA AND TECHNIQUES	B9.2.1.3. Dance and Drama: Demonstrate understanding and application of media and techniques in Dance and Drama	B9.2.1.3.7 Create a simple Dance Drama and/or one act based on a topical issue
8	CREATIVE ARTS (VISUAL ARTS)	CREATIVE AND AESTHETIC EXPRESSION	B9. 2.2.1. Visual Arts: Exhibit art works produced from competences and skills acquired from the application of the philosophies, designs and processes learnt from different times and cultures	B9. 2.2.1.1 Design and produce own visual artworks that reflect a range of different times, cultures and topical issues
9	CREATIVE ARTS (PERFORMING ARTS)	CREATIVE AND AESTHETIC EXPRESSION	B9. 2.2.2. Performing Arts - Music: Exhibit competences in the application of the design process to produce and display own creative musical work that reflect a range of different times, cultures and topical issues	B9. 2.2.2.4 Design and produce own musical work that reflects a range of different times and cultures that promote and sensitise the public on emerging topical issues
10	CREATIVE ARTS (DANCE AND DRAMA)	CREATIVE AND AESTHETIC EXPRESSION	B9.2.2.3. Dance and Drama: Producing a dance drama	B9.2.2.3.7 Perform an original dance drama and/or one act play on socio-cultural issues

WEEKS	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
	REVISION			
11	CREATIVE ARTS	CONNECTIONS IN LOCAL AND GLOBAL CULTURES	B9. 2.3.1. Visual Art: Demonstrate the skill to correlate and generate ideas from creative artworks of African artists that reflect a range of different times, cultures and topical issues	B9. 2.3.1.1. Identify, discuss, and analyse creative artworks of African visual artists that reflect their background, influence and way of solving continental issues
12	CREATIVE ARTS	CONNECTIONS IN LOCAL AND GLOBAL CULTURES	B9. 2.3.2. Performing Arts - Music: Demonstrate the skill to correlate African music that reflect the history, culture and topical issues	B9. 2.3.2.3. Distinguish different ways musical works of African art composers reflect the history, culture, environment and topical issues
13	CREATIVE ARTS	CONNECTIONS IN LOCAL AND GLOBAL CULTURES	B9. 2.3.3. Dance and Drama: Demonstrate the skill to correlate African dance and drama that reflect the history, culture and topical issues	B9.2.3.3.5 Reflect on a selected African creative work (dance and/or drama) and appreciate the ideas embedded
14 & 15	REVISION & EXAMINATION			

SUBJECT: GHANAIAN LANGUAGE				
WEEKS	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
1	REVISION			
2	CUSTOMS AND INSTITUTIONS	rites of passage: childhood rites	B9.1.1.1 Demonstrate understanding of marriage of his/her culture and compare with other cultures of Ghana.	B9.1.1.1.1 Discuss the processes involved in performing marriage rites in his/her culture.
3	CUSTOMS AND INSTITUTIONS	rites of passage: childhood rites	B9.1.1.1 Demonstrate understanding of marriage of his/her culture and compare with other cultures of Ghana.	B9.1.1.1.2 Compare and contrast the marriage rites in his/her culture to other cultures of Ghana.
4	CUSTOMS AND INSTITUTIONS	rites of passage: childhood rites	B9.1.1.1 Demonstrate understanding of marriage of his/her culture and compare with other cultures of Ghana.	B9.1.1.1.3 Compare and contrast the traditional marriage rites to the contemporary marriage rites and dramatise.
5	LISTENING AND SPEAKING	CONVERSATION/ EVERYDAY DISCOURSE	B9.2.1.1: Demonstrate use of appropriate language orally in specific situations	B9.2.1.1.1. Use appropriate register in everyday communication (informal and formal) with diverse partners on grade-level topics/texts/issue B9.2.1.1.2. Ask questions that link the ideas of several speakers and respond to others' questions in a discussion B9.2.1.1.3. Use appropriate language orally to discuss grade-level national issues fluently
6	LISTENING AND SPEAKING	CONVERSATION/ EVERYDAY DISCOURSE	B9.2.1.1: Demonstrate use of appropriate language orally in specific situations	B9.2.1.1.4. Express opinions and advice on a range of everyday issues and situations clearly. B9.2.1.1.5. Demonstrate appropriate turn taking and use techniques for effective argument (debate).
7	READING	READING	B9.3.1.1 Read longer passages silently, identify main ideas, answer questions and summarise the passage	B9.3.1.1.1 Locate the main and subsidiary points in a range of texts and rewrite logically with accuracy in his/her own words. B9.3.1.1.2 Summarise passages read in given number of sentences.
8	READING	TRANSLATION	B9.3.2.1 Demonstrate knowledge of translating texts from source language to the target language.	B9.3.2.1.1 Decode the meaning of texts and translate from source to target language.
9 & 10	LANGUAGE AND USAGE	INTEGRATING GRAMMAR IN WRITTEN LANGUAGE (USE OF NOUNS, PRONOUNS AND ADJECTIVES)	B9.4.1.1 Demonstrate knowledge of the use of singular and plural nouns in sentences and passages. B9.4.1.2 Demonstrate knowledge of how adjectives are combined in a sentence.	B9.4.1.1.1 Discuss nouns under singular and plural. B9.4.1.2.1 Discuss how adjectives follow each other in a sentence
11	COMPOSITION WRITING	STRUCTURE AND ORGANISE IDEAS IN COMPOSITION WRITING	B9.5.1.1 Demonstrate knowledge and understanding of the features of the various text types discussed and use the knowledge to write a coherent essay on the text types.	B9.5.1.1.1 Plan and structure a range of extended texts using paragraphs to show progression from one idea to the next and linking paragraphs using cohesive language
12	LITERATURE	DRUM/HORN/XYLOPHONE LANGUAGE, PROSE, POETRY AND DRAMA	B9.6.1.1 Demonstrate an understanding of drum language, appellations and war songs. B9.6.1.2 Demonstrate knowledge and understanding on the writer's use of language in a prose, poetry and drama.	B9.6.1.1.1 Explore drum language/appellations and war songs respectively. B9.6.1.2.1 Discuss how writers use language to create effect in an increasing range of prose, poetry and drama.
13	REVISION			
14 & 15	EXAMINATION			

SUBJECT: FRENCH

WEEKS	STRAND	SUB-STRAND	CONTENT STANDARD	INDICATOR
1	REVISION			
2	L'ENVIRONNEMENT	PARLER DE LA PROTECTION DE L'ENVIRONNEMENT	B9/JHS3.2.5.1 Comprendre et s'exprimer sur la protection de l'environnement	B9/JHS3.2.5.1.1: Écouter, comprendre et réagir à un entretien où l'on parle de protection de l'environnement (Réception orale / Compréhension de l'oral) B9/JHS3.2.5.1.2: S'exprimer sur la protection de l'environnement
3	L'ENVIRONNEMENT	PARLER DE LA PROTECTION DE L'ENVIRONNEMENT	B9/JHS3.2.5.1 Comprendre et s'exprimer sur la protection de l'environnement	B9/JHS3.2.5.1.3: Lire pour comprendre et réagir un texte simple dans lequel l'on parle de la protection de l'environnement (Réception écrite / Compréhension des écrits) B9/JHS3.2.5.1.4: Écrire un texte simple pour parler de la protection de l'environnement
4	LES ACHATS	PASSER UNE COMMANDE	B9/JHS3.5.5.1 Comprendre et s'exprimer sur comment passer une commande	B9/JHS3.5.5.1.1: Écouter, comprendre et réagir à une présentation dans laquelle l'on passe une commande (Réception orale / Compréhension de l'oral) B9/JHS3.5.5.1.2: Commander un article, un produit.
5	LES ACHATS	PASSER UNE COMMANDE	B9/JHS3.5.5.1 Comprendre et s'exprimer sur comment passer une commande	B9/JHS3.5.5.1.3: Lire, comprendre et réagir à un texte dans lequel l'on passe une commande (Réception écrite / Compréhension des écrits) B9/JHS3.5.5.1.4 Écrire un texte simple pour passer une commande
6	LES LOISIRS	PARLER DU TOURISME	B9/JHS3.6.4.1 Comprendre et s'exprimer sur le tourisme	B9/JHS3.6.4.1.1: Écouter, comprendre et réagir à un dialogue/ un texte audio sur le tourisme. (Réception orale / Compréhension de l'oral) B9/JHS3.6.4.1.2: Parler / discussion des sites touristiques, de l'importance, des avantages et des inconvénients sur le tourisme.
7	LES LOISIRS	PARLER DU TOURISME	B9/JHS3.6.4.1 Comprendre et s'exprimer sur le tourisme	B9/JHS3.6.4.1.1: Écouter, comprendre et réagir à un dialogue/ un texte audio sur le tourisme. (Réception orale / Compréhension de l'oral) B9/JHS3.6.4.1.2: Parler / discussion des sites touristiques, de l'importance, des avantages et des inconvénients sur le tourisme.
8	LES HABITUDES ET LES FAITS DU PASSE	PARLER DES ÉVÉNEMENTS DU PASSE	B9/JHS3.7.1.1 Comprendre et s'exprimer sur les évènements du passé	B9/JHS3.7.1.1.1: Comprendre et réagir à une conversation, une présentation où l'on parle des évènements du passé (Réception orale / Compréhension de l'oral) B9/JHS3.7.1.1.2: Parler des évènements du passé (Production orale et Interaction orale)
9 & 10	LES HABITUDES ET LES FAITS DU PASSE	PARLER DES ÉVÉNEMENTS DU PASSE	B9/JHS3.7.1.1 Comprendre et s'exprimer sur les évènements du passé	B9/JHS3.7.1.1.3: Lire, comprendre et réagir à un texte dans lequel l'on parle des évènements du passé B9/JHS3.7.1.1.4: Écrire sur des évènements du passé (Production écrite et Interaction écrite)
11 & 12	LES HABITUDES ET LES FAITS DU PASSE	PARLER DES ÉVÉNEMENTS DU PASSE	B9/JHS3.7.1.1 Comprendre et s'exprimer sur les évènements du passé	B9/JHS3.7.1.1.3: Lire, comprendre et réagir à un texte dans lequel l'on parle des évènements du passé B9/JHS3.7.1.1.4: Écrire sur des évènements du passé (Production écrite et Interaction écrite)
13	REVISION			
14 & 15	EXAMINATION			