



GREENHILL ACADEMY

S.4

TERM 1 -2025

HOLIDAY WORK

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S4 HOLIDAY WORK TERM ONE 2025

NO.	SUBJECTS
1.	<p style="text-align: center;">ENGLISH</p> <p style="text-align: center;"><i>Instructions</i></p> <p>Attempt all numbers</p> <p>1. Summary Writing -your Dexter’s summary book, read and respond to Passages 24 and 28</p> <p>2. Creative Writing</p> <p>Scenario:</p> <p>You received an invitation to attend an exclusive rooftop party celebrating the start of the first term holidays. Your classmates and old students from your former school will be there too, making it a night of reunions, laughter, and dancing. The glittering city lights set the scene for an unforgettable evening. But, just when things seem perfect, something unexpected happens that turns the party into a tragic ending.</p> <p>Task: Write an original story of 500–600 words from the perspective of a first-person narrator. In your story, make sure to:</p> <ol style="list-style-type: none">1. A hooking title2. Describe the excitement of getting ready for the party.3. Build suspense as the party goes on. Show how things start well, but add small hints that something might go wrong. Use simple clues or moments to make the reader feel uneasy.4. Reveal the tragedy when it happens. Make sure to describe this moment clearly, using strong words that make the reader feel the shock, fear, or sadness.5. Reflect on the after the party; After the tragic event, how does the narrator feel? How has their view of the night, the people around them, or even life changed?
2.	<p>MATHEMATICS</p> <p>Respond to both items</p> <p>ITEM 1.</p> <p>You are in a management committee that is organizing a farewell party. The committee wants to establish the number of people to attend the party keeping the cost as minimum as possible. You have been assigned a department of drinks which has a maximum amount of Sh 450,000. You are planning to buy crates of soda and jerrycans of juice. Each crate of soda costs Sh 20,000, a jerrycans of juice Sh 30,000. You intend to buy more crates of soda than jerrycans of juice. The jerrycans of juice should be more than 6 and the crates of soda should be less than 12. Each person will be served only one type of drink once and in the budget 24 students are to take a crate of soda and 20 students are to take a full jerrycans of juice.</p> <p>TASK</p> <ol style="list-style-type: none">a) Write down mathematical statements to show the relation between the number of crates of soda and number of jerrycans of juice.b) Show the feasible regions of the relation or a Cartesian plane.c) Help the committee establish the number of students who will attend the party at a minimum cost.

ITEM 2.

Quality Star Hotel is faced with a problem of water supply. The hotel management contracted **Water Serve Ltd**, an effective and efficient water fetching system. **Water Serve Ltd** has two **systems A** and **B** of fetching water. In system A, water is fetched using Jerrycans and system B that uses Buckets as shown below.



The Hotel tank has a base of diameter 280 cm and height of 4 m and the Jerrycans are of dimensions of 20 cm by 25 cm by 40 cm while the buckets each has diameters of 400 mm and 200 mm respectively as shown above.

In a day, Water Serve Ltd can only fetch 120 Jerrycans of water under system A or 100 Buckets when uses system B. The cost of water from the Commercial Reservoir is **Sh 5** per litre, Where **1 litre = 1000 cm³**). The transport charge per Jerrycan is **Sh. 300**

and **Sh. 400** per Bucket. The Hotel uses **560 litres** of water on a daily basis. (Use $\pi = \frac{22}{7}$).

The Hotel manager would like to make a budget in order to get money from his boss to facilitate the work but he is uncertain of the suitable system of fetching water to choose and the total amount of money he can request from his boss.

Task

- Help the Hotel Manager to choose the cheapest system of fetching water.
- Determine the number of buckets they can use to fill the tank.

3. PHYSICS

Attempt **all** questions for the item.

Item : A patient who visited a doctor was told to do an X-RAY test on his chest. One of the relatives he went with to the hospital was surprised as he thought X-rays were used in airport security systems.

When the patient returned to the hospital, the doctor recommended that a radioactive material of activity 585 counts per minute and a half-life of 4 days would be used to treat

the patient. The patient would remain in the hospital for some time as the materials used are dangerous.

Hint: Background radiation = 60 counts per minute.

Task: Use your knowledge of Physics to;

- a) Explain to the relative how the x-ray test is done.
- b) Explain to the relative between the X-rays used for airport security and those for doing the test on the chest.
- c) Determine how much time the patient would take in the hospital.
- d) Identify the dangers associated with the materials to be used on the patient.

IN THE END WE ALL END UP AS STORIES, JUST MAKE YOURS WORTH SHARING

4. BIOLOGY

TOPIC: HUMANS AND THE NATURAL ENVIRONMENT

Create a PowerPoint presentation that encompasses the following concepts.

- meaning of sustainability, the importance of the SDGs (sustainable development goals) and the scope of the goals
- meaning of natural resources, types and examples of natural resources in each category found in Uganda
- human activities that have affected the natural resources (negatively and positively), and suggested ways of conserving Uganda's natural resources for future generations

Guidelines

1. Use appropriate font, font colour, and multimedia (images, animations, audio and videoclips)
2. Proofread and print a hard copy that you will present on the reporting day

5. CHEMISTRY

1. The price of cement in Uganda is so high. However, the people in authority are attributing this to the limited amount of cement in the country because of the few manufacturing industries. A resolution was made to set up another cement factory in your village in Tororo District. The village members are wondering how this will be done. But the chairman has called for a meeting and has requested you to give a talk to the members. As a chemistry learner,

TASK

Make a write up of your communication to the village members.

2. In Kabarole district most of the citizens survive on farming that involves growing of crops every season. For the last three seasons, farmers are registering a great decrease in the amount of the harvest they are making. The government has cleared a local investor to startup a fertilizer production plant in the district. However, the citizens are very much worried about the effects of the plant to the environment. The chairperson LC5 of the district has appointed you to sensitize the citizens of the area.

Task

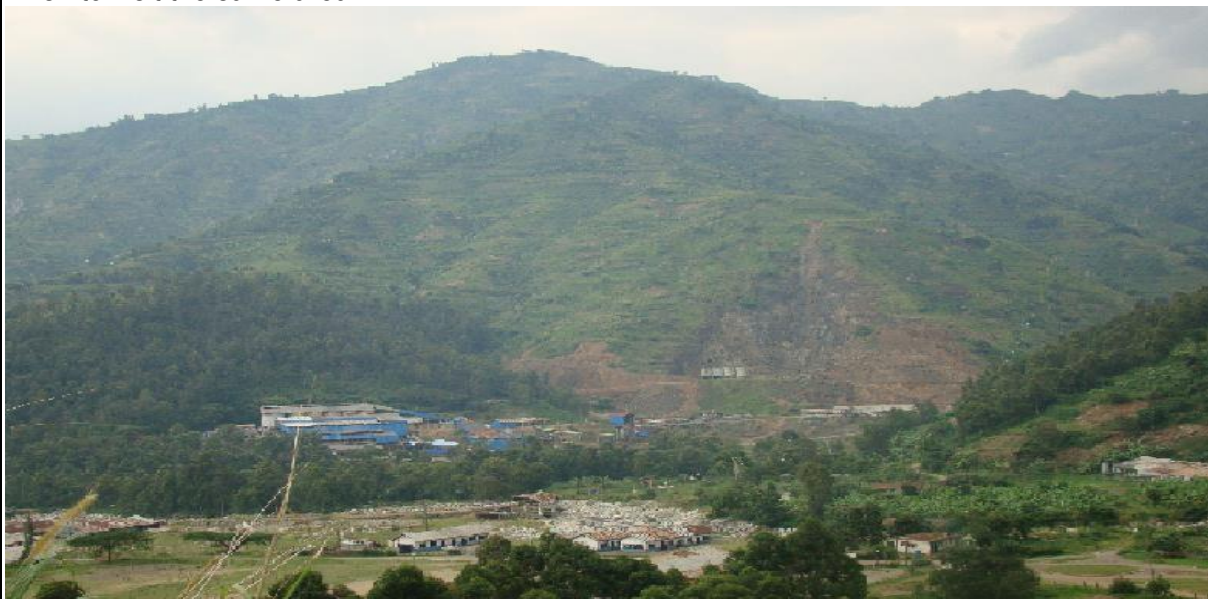
Prepare a presentation you will make during the meeting.

6. GEOGRAPHY

During the holiday, your class was lucky to go on an exciting educational tour to Western Uganda; one of the most beautiful and naturally gifted regions of the country. The purpose of this trip was to explore the major tourist attractions in the area and understand how Uganda benefits from tourism.

You travelled through towns like Mbarara, Fort Portal, Kasese, and Bundibugyo, where you saw stunning landscapes, unique wildlife, cultural sites, and interacted with local communities.

You took the photograph provided and you are supposed to use it guide the tourists who would wish to visit the same area



Task:

- (a) Draw a landscape sketch of the photograph and on it mark and name the features found in the area shown in the photo.
- (b) Describe for the visitors the attractions they will see and the activities they will engage in when they visit the area. Give evidence from the photograph.
- (c) What recommendations would you make to the local community to improve the area for tourism?

**7. HISTORY AND POLITICAL EDUCATION
ATTEMPT ALL THE SCENARIO ITEMS**

Scenario: 1

It has been observed that there are very many communities and ethnic groups neighboring each other in Uganda with distinct cultural practices. Some have a tradition of respecting their cultural leaders, while others give little attention to their cultural leader. A group of youth unaware of other people's cultures begin to mock some of the traditional leaders. This has sparked off tension and anger among the community, leading to a heated argument between the groups.

Task:

As a mediator, show the paramount importance of intercultural understanding and respect in mitigating inter-ethnic conflicts.

Scenario: 2

In a rural village in Uganda, a long-standing conflict between two communities has led to displacement, trauma, and loss of life. The communities are now seeking ways to rebuild and reconcile. Some community leaders propose using traditional ways to promote healing and accountability.

Task:

As a historian studying conflict resolution in East Africa, explain the role and value cultural traditional transitional system in promoting reconciliation and healing in post-conflict communities.

Scenario: 3

The Scramble for Africa led to the partitioning of East Africa among European powers. These imposed their colonial rule over the region, As European powers asserted their control, the region underwent significant changes that reshaped its economic, social, and political ways exploiting local resources. This period of colonization had far-reaching consequences for East Africa's economic, social, and political development.

Task:

Critically show the impact of colonial rule on East Africa's development path, considering the inter play between economic exploitation, cultural disruption, and the imposition of foreign systems of governance.

Scenario: 4

The late 19th century witnessed many European and Asian with different interests in East Africa. The colonial powers, traders, missionaries, and local leaders interfered with the region's diverse cultural, economic, and political landscape. Meanwhile, Asian traders and settlers established themselves in key coastal towns, influencing local economies and cultures. As European colonial powers consolidated their control, they often relied on Asian intermediaries to facilitate trade and administration.

Task:

Analyze the coming of European and Asian influence in East Africa during and show how the interactions between European colonizers, Asian traders, and local populations shaped the region's development.

Scenario: 5

In East African, many local society organizations are working to promote good governance and human rights. Despite their efforts, many of these organizations have faced lots of challenges. They have also successfully advocated for policy changes and provided essential services to marginalized communities.

Task:

Analyze the challenges facing such society organizations and their role in the development of East African states.

8. **CRE
SCENARIO**

Mr. Okot has been working together with a colleague in a company for some good time. He has been enjoying a good working relationship with his colleague. Recently, his colleague went behind his back and told lies about Okot that he was planning to steal company funds. Mr. Okot was suspended by the Board of Directors immediately. After conducting investigations, they found out that Okot was innocent. He was called back to work. He is very bitter and angry with the workmate who caused him a suspension. They are now enemies and Mr. Okot vows that he will avenge himself one of these days.

Task.

Basing on the above scenario, what Christian teachings can you use to resolve this conflict?

9. **ICT**

[Scenario – Item 1:](#)

Your former primary school has invited you to talk to P.7 candidates about life in secondary school. The teacher has requested that you prepare a short electronic presentation with pictures and key points to make your talk more interesting. You want to ensure the presentation is clear and well-structured to communicate effectively with the pupils.

You decide to create the presentation using ICT tools.

Task:

Explain the steps you should follow to create an effective electronic presentation for the talk. How can presentation software help you communicate your message clearly?

[Scenario – Item 2:](#)

Your brother Peter has started selling music online and stores many sound files, contracts, and design templates on his laptop. His desktop is cluttered, and he spends a lot of time searching for files. He doesn't know how to arrange his work using folders and often deletes important documents by mistake.

He asks for your guidance.

Task:

Explain to Peter how he can create and use folders and subfolders to organize his files. How can this improve access and management of his digital content?

Note: Watch the video in the QR code below to get a detailed way on how to attempt those scenarios above as an A Student. Watch the video before you attempt the questions. Scan the code to watch the video.



**10. ENTRPRENEURSHIP
INSTRUCTIONS
ANSWER ALL THE ITEMS**

ITEM 1

Kisakye is a poultry farmer in Semuto village. She recently attended a workshop and sensitized about book keeping. However, it seems she didn't get enough knowledge because when she prepared her statement that shows a list of debit and credit balances for the year 2023, it failed to balance. It appears as below.

KISAKYE POULTRY FARM TRIAL BALANCE AS AT 31ST DECEMBER 2023

Details	Debit (shs)	Credit (shs)
Debtors		2,000,000
Creditors	2,000,000	
Land		5,000,000
Machinery		4,000,000
Fixtures and fittings		3,000,000
Equipment		2,000,000
Motor van		1,500,000
Purchases		2,500,000
Return from customers		500,000
Return to suppliers	600,000	
Discount allowed	2,000,000	
Discount received	1,000,000	
Stock at start	1,500,000	
Cash at hand	600,000	
Cash at bank	3,400,000	
Rent income	400,000	
Sales	7,000,000	
General expenses		1,000,000
Capital		16,000,000
Closing stock.	3,000,000	

Task

- a) As a student of financial management, she has approached you to assist her to identify the error made that made that statement not to balance and correct it.
- b) Prepare a comprehensive statement of account.
- c) Prepare a statement that determines the financial position of the business for the business above as at a given date.

ITEM 2

Nalongo owns a busy restaurant in Kikoni near Makerere University. Her restaurant is called Nalongo Fast Foods. She lacks good book keeping skills and she just records any transactions she incurs without following the right accounting principles. Last year, 2023, by December 31st she had made the following recordings.

Item	Amount
	shs
Stock 01. 01. 2023 of food item	1,250,000
Unsold food items at 31 st /12/2023	1,500,000
Purchases of Matooke	700,000
Food returned by customer	750,000
Spoilt Matooke returned to supplier	45,000
Total sales made	13,000,000
Transport allowance offered to customer	95,000
Premises	6,000,000
Tools and equipment	3,500,000
Creditors	1,075,000
Debtors	1,500,000
Drawings	150,000
Table	625,000
Salaries and wages	875,000
Discount allowance	187,500
Commission received	112,500
Electricity bill	140,000
Cash at hand	60,000
Bank overdraft	465,000
Airtime expenses	180,000
Interest received	582,500
Capital	7,875,000
Interest on loan	7,142,500

TASK

- a) Check the arithmetic accuracy for the above statement
- b) Help Nalongo Restaurant to determine the gross profit and net profit made at the end of the trading period

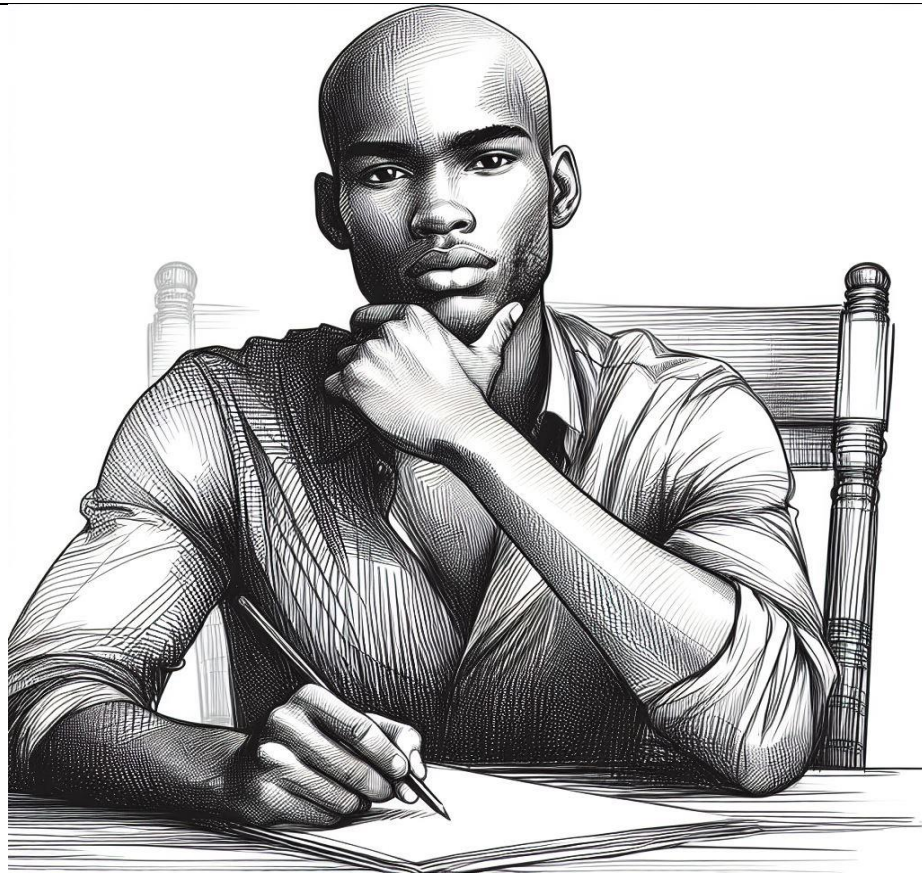
11.

ART

Instructions

Attempt all questions

1. Research about screen printing, the tools and materials needed for its production, and the process of screen printing.
2. On a fresh A-3 size paper, redraw the image below and shade it accordingly. Mind about perspective and right proportions.



12. LITERATURE

Use the following texts that you have studied to write an essay on the character and role of the main character.

- **Things Fall Apart** – *Chinua Achebe*
- **The Voice of the People** – *Grace Ogot*
- **Grief Child** – *Kamala Markandaya*
- **The Merchant of Venice** – *William Shakespeare*

13. FRENCH

NB: WRITE THE WORK IN YOUR CLASS WORK BOOK.

Ecrivez une composition commençant par “si je gagne la lotterie...”. écrivez au moins 160 mots.

14. KISWAHILI

KIFURUSI CHA LIKIZO 2025.

Kidato cha nne.

KISA: Wanafunzi ya kidato cha nne waliamua kufanya mkutano kuhusu sherehe yao ya misho wa kiwango cha chini yani “prom party”. Mkutano huu ulifanyika katika jengo la JANET MDOE wewe ulichaguliwa kuw katibu wa mkutano huu.

SWALI: Andika yale yote yaliyojiri kwenye mkutano.

15. PHYSICAL EDUCATION

Scenario 1

In Molinga village, the locals have identified that the leading cause of their death are the non-communicable diseases like diabetes and high blood pressure. This was revealed to them during a health camp by their area Member of Parliament where many of them were screened with such diseases. However, the medical team advised them that they would better manage and prevent the diseases if they engaged in regular physical activities.

The following day, they arranged and most of them turned up in their community field which was a bit bushy to work out and they had uncoordinated attire.

Unfortunately during the first 10 minutes of the workout, one lady landed poorly on the ground as they were doing the jumping jacks and felt severe pain around the ankle. The activity was posed to attend to her, since even several others felt pain in different body parts.

TASK:

Advise the community members of Molinga village on how safe they can engage in these activities. How would you attend to the affected lady, if you were in the field at that time?

Scenario 2

When instructor Hassan was assigned the role of ensuring the physical fitness of the members our community rotary club, he made the following observations before he would figure out how best he would help them;

- a. Majority enjoyed coming for the workout with a number of snacks and canned food in their vehicles
- b. They would find it hard to bend and tie their shoe laces
- c. Most of them were physically fat
- d. When a coin was tossed in the air, most of them would fail to grab it before it fell on the ground
- e. They would prefer working out with several sitting periods because they felt tired frequently.

After that analysis, he then developed a fitness program that could benefit them

TASK:

Comment on the fitness levels of the Rotarians

Design a 2-weeks fitness program that instructor Luke must have used for the Rotarians

Scenario 3

Due to the different financial challenges, it's quite hard for your school to cater for the various sports needs of the students. This has caused a point of concern on how the students can take care of their right to play. To the school administration, this is not an issue that should not worry the parents and they have constantly requested them to focus on the academics of their learners instead.

However, as a games prefect, you have a different view about the effect of this and you have requested for a meeting with the school administration.

TASK:

Prepare a write-up of how you will advise the school administration in order to improve the situation.