



# **GREENHILL ACADEMY SECONDARY**

## **S.4 HOLIDAY WORK**

### **TERM 1 2026**



## **S.4 ENGLISH HOLIDAY WORK TERM 1-2026**

Imagine or recreate the experience of attending a **traditional wedding where two different cultures come together**. You may base it on a real experience (like a family wedding) or build it using research.

Your final task is to present a printed detailed composition told in first person perspective describing the event, supported by research and creative elements. Your composition must be rich with language features such as elevated vocabulary/adjectives, formal idiomatic expressions, similes, metaphors, proverbs and wise sayings. Your story should be **500-700** words

You must gather information using **at least 3 different sources**, such as:

- Textbooks and African novels
- Interviews (family members, friends, community elders)
- Internet research (articles, videos, documentaries)
- Cultural magazines or blogs

**Focus on:**

- Wedding rituals from two different cultures
- Clothing, food, music, and customs
- Symbolic meanings of tradition

### **Week 1: Exploration & Planning**

- Research two different cultural wedding traditions
- Note similarities and differences
- Create a rough outline of your composition

### **Week 2: Creation, typing and printing**

- Describe:
  - The atmosphere of the wedding
  - Key rituals from both cultures
  - Your feelings and observations
  - How the blending of cultures made the event special?

## **S.4 CHEMISTRY HOLIDAY WORK PROJECT TERM 1-2026**

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.



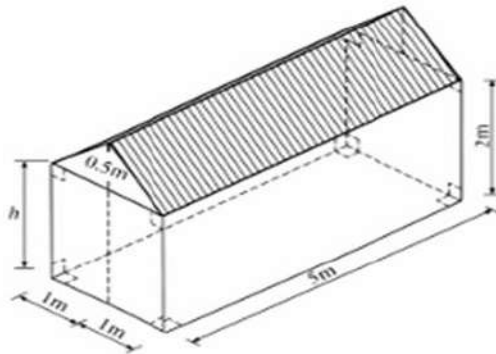
## S.4 MATHEMATICS HOLIDAY WORK PROJECT TERM 1-2026

CUT, STICK THE ITEMS AND ATTEMPT THEM IN YOUR EXERCISE BOOK.

A hollow pipe has an external diameter of 16 mm, internal diameter 10 mm and length 50 cm.

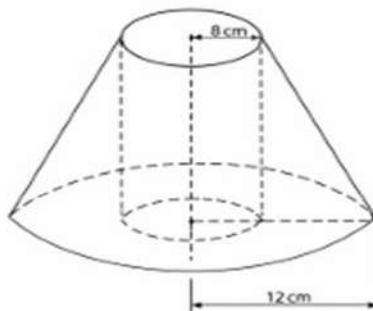
- a) Calculate the surface area of the pipe in  $\text{cm}^2$ .
- b) What would be the surface area of a similar pipe of length 150 cm, external diameter 48 mm and internal diameter 30 mm?

The figure below shows a store whose dimensions are in metres. The roof is covered with iron sheets.



- a) What is the volume of the enclosed space?
- b) Calculate the total surface area of the roof.
- c) The area of each iron sheet which was used is  $0.5 \text{ m}^2$ . How many iron sheets were used?
- d) The cost of an iron sheet is Shs 18,500. How much money was spent on buying the iron sheets?

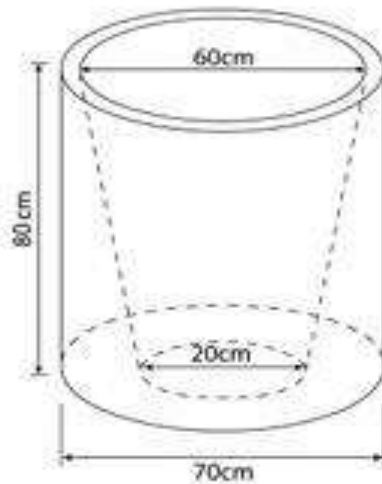
The figure below shows part of a solid right circular cone whose original height was 20 cm before part of its top was cut off. The radius of the base is 12 cm and that of the top is 8 cm. A circular hole of radius 8 cm was drilled through the centre of the solid as shown.



Calculate the volume of the remaining solid (use  $\pi = 3.142$ )

CUT, STICK THE ITEMS AND ATTEMPT THEM IN YOUR EXERCISE BOOK.

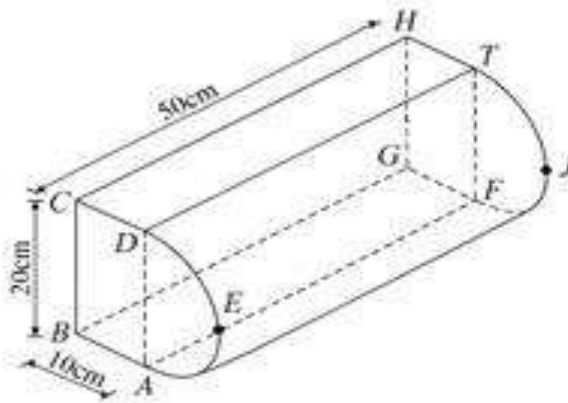
The diagram below shows a flower vase. The outer part is cylindrical with diameter of 70 cm and height of 80 cm. the inner part is a section of a cone with diameters 60 cm and 20 cm.



Find the volume of the;

- Soil which can fill the vase.
- Material which was used to make the vase.

The diagram below shows a piece of wood of uniform cross-section ABCDE in which ABCD is a rectangle and ADE is a semi-circle of diameter AD. BC = 20 cm, AB = 10 cm and CH = 50 cm.



Calculate the:

- area of the cross section ABCDE
- volume of the wood.
- total surface area of the piece of wood. (use  $\pi = 3.14$ )



## S.4 PHYSICS HOLIDAY WORK PROJECT TERM 1-2026

### Background

Electrical appliances used at home consume electrical energy. The amount of energy consumed depends on the power rating of the appliance and the duration of use. The power rating is usually indicated on the appliance in watts (W) or kilowatts (kW).

### Task:

#### 1. Survey.

Identify any five (5) electrical appliances commonly used in your home (e.g., television, flat iron, refrigerator, electric bulb, phone charger, radio, electric kettle etc.)

#### 2. Data Collection.

For each appliance, record the following information:

- Name of the appliance
- Power rating in watts (W) or kW
- Average time of use per day (in hours). Base this on observation over 1–2 days.

#### 3. Calculations.

For each appliance, calculate:

- Electrical energy consumed per day in kilowatt-hours (kWh)
- Electrical energy consumed per week (kWh)

#### 4. Analysis

- Determine the total electrical energy consumed by all five appliances in one week.
- Identify the appliance that consumes the most energy in a week.
- If a unit cost of electricity is **UGX. 756.2**, what is the electricity bill for the identified five appliances in the week?
- Suggest three practical ways to reducing the amount of money paid in the electricity bill at the end of the week.

#### 5. Presentation

Present your work in a well-organized table. Show all calculations clearly.

Submit your work on an A4 paper.

**ONLY KNOWLEDGE THAT IS USED STICKS IN YOUR MIND  
HAPPY HOLIDAYS  
EXTEND YOUR HORIZONS.**



## S.4 BIOLOGY HOLIDAY WORK TERM 1-2026

### Item.

At Green Hill Academy, the school health club has noticed that many students have limited understanding of how the menstrual cycle works, especially the timing of ovulation and menstruation. This has led to confusion about fertility, personal health, and reproduction.

As a biology student, you have been selected to help create a sensitization model that can be used to clearly explain the menstrual cycle to fellow learners during a health awareness session.

### Task

Design and construct a circular or calendar chart model to represent the menstrual cycle (28 days).

Your model should clearly show:

- **The days of the cycle (1–28)**
- **The menstruation phase**
- **The ovulation period**
- **Simple indication of hormonal changes** (e.g., rise and fall of key hormones)

### Requirements

- Use locally available materials (e.g. Manila paper, markers, cardboard, beads, thread, pins, glue, colors, etc).
- Ensure the model is large, neat, and well-labeled.
- Use different colors or symbols to distinguish each phase.
- Include a key to explain your labels.
- Assessment will involve a viva

## S.4 GEOGRAPHY HOLIDAY WORK PROJECT TERM 1-2026

During the holiday, your class was lucky to go on an exciting educational tour to Western Uganda; You visited one of the rivers in Kasese (River Nyamwamba) and observed that the communities living near have expressed concern of frequent flooding of the river.

### Task

Describe the characteristics of river Nyamwamba that may contribute to flooding.  
Identify any one feature you saw and explain its formation.



## **S.4 HISTORY AND POLITICAL EDUCATION HOLIDAY WORK TERM 1-2026**

**Attempt the given items**

### **ITEM 1**

Years after the proclamation of self-rule, African nations may have been the political peace and sovereign recognition of their states. However, African financial assistance and most states appear to be still awaiting the true independence. Uganda adopted the policy of buy Uganda and build Uganda (BUBU) to promote locally manufactured goods but this policy has been fought by political leaders and business people who continue to trot the world for cheap goods and services from foreign countries.

### **TASK**

- a). Identify the reasons why African nations like Uganda have continued to rely on foreign for imports and aid.
- b). Explain how this challenge of dependency on foreign and imports can be addressed.

### **ITEM 2**

If you were the president of Uganda, what steps would take to get out Uganda of this situation. Globalization has addressed old problems of people traveling long distances in search of or delivering information, trading in goods and services. It has created new solutions of virtual space served with global tools that has changed the pace at which business is done. However, in the globalization process culture of many nations have been eroded creating a generation of people with intolerable morals.

### **TASK**

**In an essay**

- a) Identify the effects of globalization on different cultures in Uganda.
- b) Explain how the effects on cultural values is affecting the youth today.
- c) As a history and political student discuss how our cultures can be redefined to fit the globalization world.

## **S.4 CRE HOLIDAY WORK TERM 1-2026**

1. Using the internet or newspapers make research, down load pictures and stick them on a manila paper for display showing the injustices in the country. For each, give short explanation on each using a marker.

**NB: Present neat, well organized and colorful work**

## **S.4 ENTREPRENEURSHIP EDUCATION HOLIDAY WORKTERM 1-2026**

### **Item 1**

Alpha is in the process of starting up a restaurant in Wandegeya near Makerere university. However, He is unsure of the customer's needs in terms of food verities preferred, prices to be charged among others. He also needs guidance on how production requirement can be analyzed.

### **Task**

Guide Alpha to:

- a) develop a suitable tool to effectively gather the customers' opinions.
- Make an analysis of production requirements for the proposed restaurant



**Item 2**

Excel Sugar Factory, a prominent sugar manufacturing company, was established in Jinja City five years ago. The company initially succeeded in the region, taking advantage of the area's resources and market conditions. However, in recent years, more than five other sugar factories have been established in the same locality due to increased demand for sugar and various related developments. Excel now faces heightened competition and must adapt to remain competitive.

**Tasks**

- a) Discuss the reasons that made Jinja City an attractive location for Excel Sugar Factory.
- b) How beneficial is the business to the local community

**Item 3**

Blessing is the owner of Mazima poultry farm which is one of the businesses that were greatly affected by COVID-19 which resulted into making physical interaction and meeting customers difficult to conduct financial transactions.

The business currently is facing other challenges such as frequent machinery breakdown, misappropriation of funds by the dishonest employees, fire out break and theft of merchandise hence registering huge losses. The farm employees 5 professional employees with a monthly salary of shs. 400,000 each.

**Task**

- a) As a student of entrepreneurship, how can electronic banking solve the challenge faced by patience's business in the scenario
- b) Present the insurance policies that can be used to manage risks facing Blessing's business
- c) Assist Blessing to compute the annual income tax to be tax be paid to URA for professional employees using the following URA subscribed tax rates.

Chargeable monthly Income	Tax rate
Exceeding shs 335,000 but not exceeding shs 410,000	Shs 10,000 plus 20% of the amount by which chargeable income exceeds shs 335,000

**Item 4**

Mamma Pheena runs a retail shop in Nakatunya, Soroti district. Within her shop premises, is a mobile money business, trading under a different business name. The following balances were extracted from her business' records for the year ended 31 December, 2019.

- 1<sup>st</sup> Mamma Pheena started business with Ugx. 16,000,000 in cash.
- 2<sup>nd</sup> Bought goods on credit from Yiga Ugx. 4,200,000.
- 3<sup>rd</sup> Paid rent in cash Ugx. 870,000.
- 4<sup>th</sup> Purchased goods worth Ugx 500,000
- 4<sup>th</sup> deposited Ugx. 10,500,000 of the cash into the bank.
- 5<sup>th</sup> Sold goods on credit to Baba Ugx. 1,920,000.
- 6<sup>th</sup> Bought stationery Ugx. 185,000 paying by cheque
- 7<sup>th</sup> Cash sales Ugx. 10,323,000.
- 8<sup>th</sup> Bought goods for cash Ugx. 1,540,000.
- 9<sup>th</sup> Paid for salaries worth Ugx 100,000 for each worker. The business had 3 workers
- 10<sup>th</sup> Brought additional capital by cheque Ugx 7,000,000



- 10<sup>th</sup> Purchased Land by cheque Ugx 8,000,000
- 19<sup>th</sup> Purchased goods on credit from J. Aguma Ugx. 1,215,000
- 19<sup>th</sup> Paid transport Ugx. 120,000 by cheque
- 18<sup>th</sup> Baba cleared his account by cheque
- 20<sup>th</sup> Paid Ugx. 90,000 for secretarial services by cheque
- 20<sup>th</sup> Paid Yiga Ugx 2,000,000 by cash as part payment of his amount due.
- 20<sup>th</sup> She banked all cash leaving 3,000,000 in the cash till.

### Task

Assist her to prepare relevant book of accounts and thereafter prepare relevant ledger accounts and balance them at the end of the month.

### Item 5

OTO Traders, a small-scale retail business specializing in beverages and food products, is committed to maintaining an accurate record of its daily transactions. In March 2018, the business engaged in several sales and purchases, including returns, that require proper documentation to ensure transparency and accountability in its operations.

As the newly appointed accounting assistant, you are tasked with helping TOTO Traders organize its financial records for the month. Below is the detailed information on transactions that occurred:

### Transactions for March 2018

#### 1st March 2018

Sold to Jojo Traders:

- ☞ 3 crates of soda at Ugx 20,000 each
- ☞ 3 boxes of water at Ugx 10,000 each
- ☞ 3 boxes of safi at Ugx 5,000 each

**Less:** 5% trade discount on the total.

#### 2nd March 2018

Received back 2 crates of soda from Jojo Traders due to defects.

#### 5th March 2018

Bought from Sarah:

- ☞ 4 cartons of wheat flour at Ugx 10,000 each
- ☞ 3 kgs of maize flour at Ugx 5,000 each.

#### 6th March 2018

Returned to Sarah:

- ☞ 2 kgs of maize flour (damaged)
- ☞ 1 carton of wheat flour.

### Required:

a) Prepare all the relevant books of accounts to reflect these transactions:



- Sales Day Book
- Purchases Day Book
- Returns Inward Book
- Returns Outward Book

b) Post the transactions to the respective ledgers:

- Sales Ledger
- Purchases Ledger

c) Transfer the totals from the books of accounts to the **General Ledger**.

### Item 6

Promise has been operating a retail shop business since 2020. Due to limited resources, she has been receiving assistance from her sister, who helps manage the shop and also attempts to keep financial records. However, her sister has no formal training in accounting, which has led to some confusion in record keeping and financial management.

Details	Ugx
Capital contributed	6,850,000
Total sales revenue	5,200,000
Purchases made during the year	3,800,000
Value of shop premises	50,000
Values of motor vehicle owned	1,200,000
Cash available at hand	5,720,000
Sales returned by customers	1,200,000
Discount received from suppliers	400,000
Discount allowed to prompt customers	500,000
Value of goods at the start of trading period	870,000
Value of goods taken by the owner for personal use.	1,100,000
Electricity expenses	1,440,000
Insurance bills paid	1,800,000
Unsold goods at the end of the trading period	720,000
Outstanding bank overdraft	1,720,000
Amount owed to creditors	300,000
Rent income earned	550,000
Goods returned to suppliers	550,000
Bank loan	2,660,000
Purchase of land for business expansion	550,000

Task

Assist promise to

- a) Check on the arithmetic accuracy as at 31<sup>st</sup> Dec. 2020.
- b) Determine the profit or loss as at the of the trading period ending 31 Dec 2020.
- c) Value of assets and liabilities as at 31<sup>st</sup> Dec. 2020



## S.4 ART AND DESIGN HOLIDAY WORKTERM 1-2026

### Instructions to Learners

- The work should be **done individually**
- Write your proposal in **clear, well-structured English**
- Present your work **neatly** on ruled or plain paper
- You may include **simple sketches or diagrams** where necessary to support your explanation
- Avoid copying; ensure the work is **your own original effort**
- All work must be **submitted on the first day of reporting for Term 2**
- Late submission may affect your assessment
- Ensure your proposal is **well-organized, clear, and professionally presented**.

### Scenario: Stencil Printing on Fabrics

A community-based organization called **MOW Women (Mothers of Wisdom Women)** plans to produce branded **T-shirts** for identity and sale during community events. The CEO has requested a clear proposal explaining how the printing process will be carried out using a simple and cost-effective fabric printing method.

### Task

Write a **formal proposal** to the CEO of **MOW Women** explaining how the T-shirts will be produced.

Your proposal should include:

- **Title**
- **Introduction**
- **Materials and Tools Required**
- **Procedure/Process**
- **Risks and Safety Measures**
- **Conclusion**

## S.4 LITERATURE HOLIDAY WORKTERM 1-2026

You are a member of the school magazine editorial team. The literature teacher has asked you to prepare a **synopsis of the novel *Weep Not, Child*** for junior students who have not yet read it. Your synopsis must also show understanding of the **storyline, characters, and message of the novel**

You are required to complete this holiday work individually. The work must be typed using ICT skills (Microsoft Word or Google Docs). Handwritten work will not be accepted.

**Your work must be printed and submitted in hard copy form with a well-designed cover page.**



## S.4 FRENCH HOLIDAY WORKTERM 1-2026

### **LES SYSTÈMES ÉDUCATIFS OUGANDAIS ET FRANÇAIS**

#### **Consigne:**

- Faites une recherche approfondie.
- Presentez votre propre travail.
- Envoyez votre presentation dans le groupe de whatsapp de votre classe.

#### **Tâche:**

Après avoir fait une recherche approfondie sur les systèmes éducatifs ougandais et français,

- Faites un podcast dans la quelle vous comparez les deux systèmes, les niveaux d'apprentissage et d'autres éléments essentiels.
- Faites un sommaire de l'information sur une affiche d'une manière attirant.

## S.4 PERFORMING ARTS HOLIDAY WORKTERM 1-2026

### **Scenario: National Cultural Festival Preparation**

Your school has been selected to represent your district at a **National Schools Performing Arts Festival**.

The event will:

- Be attended by government officials, sponsors, and the media
- Be broadcast on television and social media
- Include schools from across the country

However, your team is facing serious challenges:

- Limited rehearsal time
- Inadequate equipment (sound, costumes, lighting)
- High expectations from judges and audience
- Pressure to present a **unique and innovative performance**

You have been appointed as the **Artistic Director** of the school team.

#### **✦ TASK**

Using your knowledge of performing arts, **plan, organize, and evaluate** how you will ensure a successful performance.



## **S.4 KISWAHILI HOLIDAY WORKTERM 1-2026**

### **KAZI YA LIKIZO KIDATO CHA NNE.**

Andika insha fupi fupi kuhusu mada hizi ukizingatia msamiati msamiati wa mada hizi tuma kazi yako kwa **barua pepe** hizi [rakumu17@gmail.com](mailto:rakumu17@gmail.com) na [chebetkeziah793@gmail.com](mailto:chebetkeziah793@gmail.com)  
Jiandae kuwasilisha kazi yako mwanzoni mwa Muhula.

1. Watu wa nyumbani
2. Jamii
3. Biashara
4. Hesabu
5. Wanyama na ndege
6. Mimea na matunda
7. Shule
8. Nyumbani
9. Michezo
10. Uongozi
11. Afya na usafi
12. Sherehe
13. Dawa za kulevya
14. Majanga
15. Hali ya anga
16. Rangi
17. Jinsia
18. Uzalendo
19. Rasilimali
20. Ngoma na burudani
21. Salamu na adabu
22. Jumuiya afrika Mashariki
23. Usafiri
24. Mawasiliano
25. Migogoro na maridhiano
26. Magonjwa
27. Haki za binadamu
28. Mwili wa binadamu

**LIKIZO NJEMA NA ZIARA YENYE MAFANIKIO.**



## **S.4 PHYSICAL EDUCATION HOLIDAY WORK TERM 1-2026**

### **Item 1**

In Mogaga village, a recent health screening organized by a local leader revealed a high prevalence of non-communicable diseases such as diabetes and hypertension. Health professionals recommended regular physical activity as a preventive and management strategy.

Motivated by this advice, community members independently organized a group exercise session at a nearby field. However, the field was uneven and overgrown, participants wore inappropriate attire, and no structured plan or supervision was in place.

Within the first 10 minutes of engaging in activities like jumping jacks, one participant sustained an ankle injury after landing improperly, while several others reported discomfort and pain.

**TASK:**

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

### **Item 2**

When instructor Luke 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;

- I. Majority enjoyed coming for the workout with a number of snacks and canned food in their vehicles
- II. They would find it hard to bend and tie their shoe laces
- III. Most of them were physically fat
- IV. When a coin was tossed in the air, most of them would fail to grab it before it fell on the ground
- V. 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:**

- a. Comment on the fitness levels of the Rotarians
- b. Design a 2-weeks fitness program that instructor Luke must have used for the Rotarians.

## **S.4 ICT HOLIDAY WORK TERM 1-2026**

**ICT students are required to use the link provided below to access the ICT Holiday Work.**

[https://docs.google.com/document/d/1QAo5WxKvrDqDgWAS731WOxL10BO\\_5FS7/edit?usp=sharing&oid=107692110326879536816&rtpof=true&sd=true](https://docs.google.com/document/d/1QAo5WxKvrDqDgWAS731WOxL10BO_5FS7/edit?usp=sharing&oid=107692110326879536816&rtpof=true&sd=true)

***EXTEND YOUR HORIZONS***