



GREENHILL ACADEMY SECONDARY

S3 HOLIDAY WORK

TERM III 2025



S3 ENGLISH HOLIDAY WORK

During your school careers day, one of the guest speakers shared with you his unforgettable experience while a student. It was such an interesting story that it aroused varying emotions among the audience.

Task

Write an original composition about a day you will never forget. Your composition should be between 500-700 words. Use a dictionary, students companion, internet or any other online research platform to cooperate in your composition at least 30 unique words, 10 idiomatic expressions, 10 phrasal verbs, and other captivating features of language like proverbs and wise sayings, metaphors and similes. Your composition should be handwritten in your classwork book.

S.3 MATHEMATICS HOLIDAY WORK

TOPIC: PROBABILITY.

Competency: The learner applies their understanding of probability to solve a wide range of problems.

RESEARCH FOCUS:

Understanding the terms random, experiment, outcome, sample space, event and probability. (k, u)

Constructing the probability space. (u, s)

Quick practice exercise.

A bag has 5 mangoes and 2 oranges. You pick at random one fruit from the bag. What is the probability that it is;

A mango

An orange

A banana

A letter is picked at random from the sample space {a,b,c,d,e,f,g}. What is the probability that the letter is

A vowel.

Not a vowel.

One of the letters is in the word "DECIMAL"

One of the letters is in the word "BEEF"

ACTIVITY 1

Using the internet, library sources or other sources, find out the meaning of the following terms.

Probability

Probability experiment

Random probability experiment.

An event

Sample space

Outcome

ACTIVITY 2

Classify the following events as either likely, impossible or certain in the table below.

A man producing a baby girl.



Christmas day will be on 25th December this year.

A dog flying.

The sun rising from the east.

A woman bearing a baby girl.

Impossible Likely Certain

(Add any other two events of your choice in the table above after classifying the ones above.)

ACTIVITY 3

The following were marks scored by a senior three class of a certain school.

10	30	20	40
30	10	20	20
40	10	30	20
20	20	10	30
10	20	20	20

Draw a tally chart to represent the data.

If the pass mark was 30, find the number of children who didn't get the pass mark.

What fraction of the class didn't get the pass mark.

ACTIVITY 4

A die is tossed once.

Write down the expected outcomes. (probability space or sample space)

What is the probability of getting an even number.

Two girls play a game of tossing a coin and a die.

Generate the possibility space that they can obtain.

If the game can be won when a head and an even number are obtained, what is the probability of winning.

**FEELINGS COME AND GO BUT LOVE REMAINS STEADFAST.
SO, GROW IN LOVE. "Extend love in this season."**

S.3 BIOLOGY HOLIDAY WORK

Research about the vertebrae in mammals and use locally available materials, textbook, AI and other ICT resources to design a model of the Cervical and Lumbar vertebrae. Label all the parts.

The assessment will involve a viva, and a detailed explanation of the functions of the parts.

Choice of materials, originality/creativity, size and durability of the materials are some of the attributes to be considered while assessing.



S.3 CHEMISTRY HOLIDAY WORK TERM III 2025

“Using 3-D physical materials, design and construct a model of a blast furnace used in iron extraction. Clearly show and label the key reaction processes occurring in each zone of the furnace.” [*Not a drawing please*]

by turning the **charcoal dust** at home into **sizable charcoal briquettes** that burn longer and produce less smoke. He decides to design a simple method for making briquettes using materials that are easily available at home.

Amir asks you to help him plan and carry out this project (carry at least 3 pieces of the made briquettes together with your Project report)

S.3 PHYSICS HOLIDAY WORK.

INSTRUCTIONS TO STUDENTS:

Read through the scenario below and carry out the tasks thereafter.

Scenario:

A technician at a seaside research centre was live-streaming how their battery-powered tide monitor and coastal warning lights continued working during a recent period of very cold weather. While showing a small cell-powered sensor, the technician explained that some devices had stopped working while others lasted much longer. Viewers and students watching became curious about how these small cells produce electricity, why some batteries run out faster, how devices are connected in series or parallel, why the e.m.f seemed higher in one type of connection, and how a cell's e.m.f (its “push”) is measured.

Task

Using your knowledge of Physics and the clues in scenario explore the following ideas. Don't rush—first imagine the devices, the livestream, and how each cell is working.

- Explain how a chemical cell changes stored chemical energy into electrical energy, using the tide monitor as an example.
- From the technician's experience, list three advantages of using cells for field equipment.
- Suggest two reasons why some devices may have failed during the livestream.
- Compare an ordinary dry cell with a rechargeable cell used at the centre and give one example of each.
- In your own words, describe what e.m.f means in relation to the center's battery.
- Briefly explain how you would measure the e.m.f of a cell at the research site.
- According to the technician's discussion, identify which connection (series or parallel) is better and explain why.

**THE PHYSICS DEPARTMENT WISHES YOU A NICE HOLIDAY
AND A HAPPY NEW YEAR 2026**



S.3 GEOGRAPHY HOLIDAY WORK

Study the table below and answer the questions that follow.

Population of china's province and municipalities (2020 and 2010)

Province/municipality	Population 2010	Population 2020
Beijing	19,612,368	21,893,095
Tianjin	12,938,224	13,866,009
Shanghai	23,019,148	24,870,895
Hubel	57,237,740	57,752,557
Sichuan	80,418,200	83,674,866

Task; Account for the trend in the urban population in china's provinces in the table above and use a suitable statistical diagram to represent the population of china's provinces between 2010 and 2020.

S.3 HISTORY AND POLITICAL EDUCATION.

INSTRUCTIONS; attempt all items

ITEM1;

Since independence, Uganda has been progressing socially, politically and economically. These developments are attributed to key individual players like (Apollo Milton Obote, Yoweri Kaguta Museveni, Dr Mathew Lukwiiya, Dr Josephine Nambooze, Professor George William Senteza Kajubi, Geradine Nambooze ,Geradine Namirembe Bitamazire, Archbishop Janan Iwum, Cardinal Emmanuel Nsubuga ,Prince Badru Kakungulu Wassajja, James Mulwaana, John Sedrack Batuma , Philly Bongole Lutaaya), that have contributed significantly to the progress of Uganda in different sectors. Your friend is interested to know one of popular personalities that have contributed to the development of health, Entertainment, Politics, education , religion , economic sector in Uganda.

Task

- Download the images of the above key individuals per sector and make an album.
- In an essay assist your friend with information on each of the above.

S.3 ART HOLIDAY WORK FOR THIRD TERM

SCENARIO

You are encouraged to explore your local environment during the holiday and collect found materials that can be reused to create art. Many everyday items such as bottle tops, scrap wires, sticks, cardboard, plastics, old magazines, fabric pieces, buttons, or metal nuts can be transformed into creative artworks when used thoughtfully.

Use this opportunity to discover how ordinary objects around you can be reshaped into meaningful and well-designed three-dimensional forms.

TASK

You are required to create a three-dimensional artwork measuring 30 cm high and 25 cm wide using materials collected from your locality.

Ensure the work is stable, neat, and made mainly from reused materials.



S3 CRE HOLIDAY WORK TERM 3 2025

Using newspapers or internet to download pictures, Get a half Manila paper and design an album showing the different ways how peace has been violated Uganda today. Put explanations on the pictures or photos

S.3 ENTREPRENEURSHIP EDUCATION HOLIDAY PACKAGE 2025.

ATTEMPT ALL ITEMS

Item one

Omega Traders, a snack production business, records its transactions in a three-column cash book for the month of May 2023. The three-column cash book includes columns for **cash**, **bank**, and **discount**. This format allows for the tracking of both cash and bank transactions along with any discounts offered or received.

Opening Balances (1st May 2023):

Cash in hand: Ugx 200,000

Cash at bank: Ugx 300,000

Transactions for May 2023:

2nd May: Omega Traders received partial payments from debtors who had purchased snacks on credit in the previous month. The following amounts were received:

Tina: Ugx 100,000

Tonny: Ugx 150,000

Treasure: Ugx 200,000

3rd May: Some debtors paid their dues with a 5% cash discount:

Sarah paid Ugx 40,000 (after a discount of Ugx 2,000)

Sandrah paid Ugx 80,000 (after a discount of Ugx 4,000)

4th May: The following debtors failed to settle their due debts by 31st May:

Okello: Ugx 80,000

Omara: Ugx 50,000

Okumu: Ugx 30,000

5th May: Omega Traders sold snacks by cheque for Ugx 400,000.

9th May: The business paid electricity bills via cheque for Ugx 20,000.

10th May: Omega Traders paid insurance bills in cash for Ugx 15,000.

12th May: Okello settled part of his debt using a cheque with a 5% discount.

15th May: Monthly credit purchases were made from the following creditors:

Namukasa: Ugx 120,000

Musoke: Ugx 180,000

Mukisa: Ugx 160,000

18th May: Omega Traders settled a debt with Namukasa using a cheque and received a 5% discount on the wheat flour purchased.



Task:

Record the transactions in a three-column cash book for the month of May 2023. The columns should include:
Cash column

Item two

Agaciro Ltd is an old Fruit juice processing Factory based at KIGUNGU Trading center. The following table summarizes the sales of Agaciro ltd over three consecutive years.

Year	units / volume	Sales (shs)
2020	1,000	300,000,000
2021	800	280,000,000
2022	600	200,000,000
2023	500	110,000,000
2024	210	60,000,000

Enquiry revealed the company products are not regularly available, its packaging and content are not attractive, no advertising is done while staff seem demotivated. Alternatively, the CEO, Lisa, has decided to re-evaluate marketing strategy and optimize the Elements of marketing mix (the 4 Ps) to boost sales and growth in the business.

Required.

- Using marketing concept advice the CEO on how to restore sales to 2020 levels.
- Provide detailed explanation for each of element re-evaluated to help the company to boost sales and growth.

S.3 FRENCH

INSTRUCTIONS

WRITE THESE NOTES IN YOUR CLASSWORK BOOKS AND ANSWER THE QUESTIONS AT THE END OF THE DOCUMENT.

LE CONDITIONNEL –

✓ . **Définition**

Le conditionnel est un mode utilisé pour exprimer :

• un souhait,	a wish
• une hypothèse,	a hypothesis
• un conseil,	an advice
• une demande polie,	a polite request
• une information incertaine,	uncertain information
• une action qui dépend d'une condition.	an action that dependS on a condition



Il correspond souvent à **“would + verb”** en anglais.

✓ . **Formation du conditionnel présent**

a) La règle générale

On utilise :

Le radical du futur simple + Les terminaisons de l'imparfait : -ais, -ais, -ait, -ions, -iez, -aient

b) Terminaisons/

Personne	Terminaison	Exemple (parler)
Je	-ais	je parlerais
Tu	-ais	tu parlerais
Il/elle/on	-ait	il parlerait
Nous	-ions	nous parlerions
Vous	-iez	vous parleriez
Ils/elles	-aient	ils parleraient

c) Exemples réguliers

- Finir → je finirais
- Vendre → nous vendrions

d) Verbes irréguliers (radicaux du futur)

- Être → je serais
- Avoir → j'aurais
- Aller → j'irais
- Faire → je ferais
- Venir → je viendrais
- Voir → je verrais
- Pouvoir → je pourrais
- Vouloir → je voudrais
- Devoir → je devrais
- Savoir → je saurais



✓ **. Les usages du conditionnel présent**

1. Une demande polie
 - *Je voudrais un café, s'il vous plaît.*
 - *Pourriez-vous m'aider ?*
2. Un souhait ou un désir
 - *J'aimerais visiter Paris.*
 - *Nous voudrions partir en vacances.*
3. Un conseil
 - *Tu devrais étudier davantage.*
 - *Vous devriez consulter un médecin.*
4. Une hypothèse
 - *Si j'avais de l'argent, j'achèterais une voiture.*
 - *S'il pleuvait, nous resterions à la maison.*
5. Une information incertaine
 - *Selon la radio, il y aurait un accident sur la route.*
 - *Le président serait en visite en Afrique.*
6. Un fait imaginaire
 - *À ta place, je choisirais le français.*
 - *Dans un monde parfait, tout le monde vivrait en paix.*

✓ **Le conditionnel passé (pour complément)**

a) Formation

Avoir/être au conditionnel présent+ Participe passé

Exemples :

- *J'aurais mangé*
- *Nous serions partis*

b) Emplois

- Regret : *J'aurais voulu venir.*
- Hypothèse non réalisée : *Si j'avais su, je ne serais pas venu.*
- Politesse : *Je vous aurais demandé un service.*

✓ **. Les phrases avec "si" (si + imparfait → conditionnel)**

C'est une des structures les plus fréquentes :



Proposition avec "si" Résultat

Si + imparfait Conditionnel

Exemples :

- *Si j'avais le temps, je voyagerais.*
- *Si tu étudiais, tu réussirais.*
- *Si nous étions riches, nous achèterions une grande maison.*

✓ . **Astuces pédagogiques**

- Le conditionnel utilise le futur + l'imparfait → futur pour le radical, imparfait pour les terminaisons.
- On l'utilise souvent dans les situations polies, imaginaires ou hypothétiques.
- Attention à ne pas confondre conditionnel et futur :
 - *je parlerai* (futur)
 - *je parlerais* (conditionnel)

✓ . **Exercices**

A. Transformez au conditionnel

1. Je vais au marché. →
.....
2. Tu finis tes devoirs. →
.....
3. Ils prennent le bus. →
.....

B. Complétez avec le conditionnel

1. Je..... (vouloir) un verre d'eau.
2. Elle (venir) avec nous.
3. Nous (pouvoir) voyager demain.

C. Faites des phrases avec "si" (COMPLETE THE SENTENCES BELOW)

1. Si j'avais un million.
.....
2. Si tu étudiais.
.....
3. Si nous étions en France.
.....



S.3 KISWAHILI

Kifurusi cha likizo

Kidato cha tatu (F3)

Katika mada uliopewa andka insha kuhusu mada hiyo huku ukitambua mbinu za lugha angalau tatu katika kazi yako.

SENIOR THREE ICT

Scan the QR Code to access the ICT holiday work



ICT HOLIDAY WORK PRESENTATION

You will present your work on the date provided below using the link attached.

(presentation will be online)

- ✓ Friday, January 30, 2026
- ✓ Time zone: UTC
- ✓ Google Meet joining info
- ✓ Video call link: <https://meet.google.com/rvi-kmeu-nmc>

S3 Literature Holiday work.

After reading Ngũgĩ wa Thiong'o's novel **Weep Not, Child**, examine how the author uses Njoroge's personal journey to reflect the broader effects of colonialism and political conflict on African families and education. What key lessons can young readers learn from Njoroge's hopes and struggles?

S.3 PHYSICAL EDUCATION HOLIDAY PROJECT WORK TERM 3 2025

Project Title: Understanding the Hurdles:

Project Goal: To research and understand the sport of hurdling, its technical demands, and apply this knowledge by constructing a functional training hurdle using locally and low cost materials.

1. **Research** and create a table of the standard hurdle races that are recognized by World Athletics. Your table should include:
 - Race Distance (e.g., 110m, 100m, 400m)
 - Gender Category (Men/Women)
 - Number of Hurdles
 - Official Hurdle Height



2. What is the exact distance *between* the hurdles for each race?
3. What is the distance from the start line to the first hurdle, and from the last hurdle to the finish line? Your illustration must show the start line, the position and height of all hurdles, the distances between them, and the finish line.
4. **Explain and illustrate / draw the 3-Rhythm Hurdle Training Drill -**
<https://www.youtube.com/watch?v=gws2-SCRW2M>,
<https://www.youtube.com/watch?v=iEZWPx4JEeQ>
5. **Design and Build a Standard Training Hurdle.** construct a safe and stable training hurdle that meets the following specifications:
 - a. **Height: 76cm**
 - b. **Weight:** Light enough to be safe if knocked over, but with a base stable enough to not tip over easily.
 - c. **Material:** Use **locally available, low-cost, or recycled materials**
 - d. **Deliver the hurdle on first day of reporting to school.**

S. 3 PERFORMING ARTS.

Topic: Innovations in Performing Arts

ITEM 1

Write a short monologue (a speech for one performer) of 12–15 lines on the theme of “Change in My Community.”

Your monologue should include:

1. A clear character (Who is speaking?)
2. A defined problem in the community
3. The emotions the character expresses (fear, hope, frustration, joy, etc.)
4. A solution or message of change
5. Proper spelling and expression

ITEM 2

Compose a 4-bar melody using any one time signature below:

2/4, 3/4, 4/4

Requirements:

1. Use at least four different note values (e.g., ♪ ♫ ♫ ♫ □).
2. Keep the melody within C major or G major (no sharps or flats beyond F#).
3. Ensure your melody makes musical sense (begins and ends on a strong note).
4. Write your melody neatly in staff notation.

TASK 3

Answer the following in your own words

1. What does innovation mean in performing arts?
2. Which performing art (dance, drama, or music) do you feel most confident in, and why