



# GREENHILL ACADEMY SECONDARY

## S1 HOLIDAY WORK

TERM 3 2025



## S.1 English Holiday Work Term 3 2025

**Scenario:** Your school wants to start a “*Clean and Green Week*” to help everyone learn how to care for the environment. The head teacher has asked each class to create something that teaches others about how to keep the school clean.

**Task:** Create a Clean and Green Poster to show other students how to care for the school environment. Your poster should include:

1. A Colourful Title
2. Three Pictures illustrating the message

### Suggested Materials You Can Use:

- Cardboard, plywood or manila card (  $\frac{1}{4}$  Size)
- Crayons, markers, coloured pencils, Paint
- Ruler and eraser
- Newspaper photos

## SENIOR ONE HOLIDAY WORK (MATHEMATICS)

### TOPIC: REFLECTION

#### REFERENCES:

1. New Vision Secondary Mathematics Learner’s Book 1 pages. 105- 110
2. Active Mathematics Student’s Book 1 pages. 161- 171
3. Online references

#### Task

- a) Research and note down any four properties of reflection in Mathematics.
- b) Using a graph paper, plot the following points **A**(−5, 3), **B**(−3, 5), **C**(−1, 3) and **D**(−3, 0) join them and name the figure formed.
- c) Reflect this figure through the  $y$ -axis ( line  $x = 0$  ) and note down the coordinates of the image formed.
- d) Come up with a colourful piece showing how reflection is applied in everyday life.

## S.1 BIOLOGY HOLIDAY WORK

Research about soil conservation and use locally available materials, textbook, AI and other ICT resources to design a model of one soil erosion control method.

The assessment will involve a viva, and a detailed explanation of how your model works.

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



### **S.1 CHEMISTRY HOLIDAY WORK**

With the help of internet, text books, read about rocks and design an PHOTO album showing the different types of rocks with at least five specific examples from each type. Photos (pictures) downloaded from internet should be clear

### **S.1 PHYSICS HOLIDAY WORK**

#### Scenario

You are acting as a student engineer evaluating the performance of a simple machine used for lifting loads.

Upon visiting a School deep in the village, you realize that students fetch water daily from the well located 50 meters from the classroom block. The school uses a simple pulley system to lift a 20-litre jerrycan from the borehole. Recently, students have complained that the system requires too much effort and wastes time. The Head Teacher has requested the S.2 Physics class to investigate how energy, work done, force, and power relate to the operation of the pulley and propose improvements to make it more efficient.

#### Project Task

- Observe and measure how the current pulley system works.
- Collect data on weight of a full jerrycan, distance lifted, time taken, and force applied.
- Calculate work done, power, mechanical advantage (M.A), velocity ratio (V.R), and efficiency.
- Design an improved simple-machine system (double pulley, wheel-and-axle, or lever modification).
- Prepare a report or model showing findings, calculations, energy explanation, and recommendations.

### **S.1 GEOGRAPHY HOLIDAY WORK**

- Draw a sketch map of East Africa and on it mark and name
  - the three countries
  - two mountains in each country
  - two rivers in each country
  - two cities in each country
- Using internet research, find out the sizes of the countries in East Africa  
Use the figures obtained to draw a bar graph and pie chart showing the sizes of East African countries.



## S.1 HISTORY AND POLITICAL EDUCATION

### INSTRUCTIONS:

Attempt the given item

### Scenario item 2.

Trade has become an integral part in the development of countries around the world. Countries such as USA, China and Brazil among others have thrived because of trade. In East Africa, there was development of a promising trade system during the 19<sup>th</sup> Century that if it had survived up to date, East Africa would

have one of the best trade systems in the world. Unfortunately, that trade died a natural death.

The students of East African states have gathered in a Nairobi conference to discuss how to make modern East African trade better to ensure it does not die a natural death like the previous 19<sup>th</sup> Century trade system. Your school has requested you to represent it in the conference.

### Task:

With reference to different trades that happened in East Africa between 1300 – 1850,

- Explain reasons that made the trade boom in the period above.
- What are some of the effects of modern-day slavery in our society today?

## S.1 CRE HOLIDAY WORK

Using newspapers or internet to download pictures, Get a half manila paper and design an album showing the different ways how human rights have been abused in societies today. Put explanations on the pictures or photos.

## S.1 ART AND DESIGN

### Scenario:

Your community has been facing a serious problem of **water wastage**. Many people leave taps running, misuse water during household activities, and allow rainwater to flow away instead of collecting it. As a young artist, you have been requested by the local council to design an **educational poster** that encourages people to **use water wisely**.

Your poster will be displayed on the community noticeboard to raise awareness.

### Task:

Design a **colourful and clear poster** that:

- Shows the **problem** (water wastage)
- Shows the **solution** (saving water / using it wisely)
- Has a **short, catchy message** such as:
  - “Save Water, Save Life!”
  - “Every Drop Counts!”
  - “Don’t Waste – Conserve!”

NB: Include a good relevant image



## S.1 ENTREPRENEURSHIP EDUCATION HOLIDAY WORK

### ATTEMPT ALL ITEMS

#### ITEM 1

You are a team of s.1 students and you are aspiring entrepreneurs who want to start a small business in your local community. You have a few ideas in mind such as opening a coffee shop, launching an online clothing store, or starting a mobile phone accessories stall but before you invest money, you need to understand your potential customers and the market demand. You have been advised to choose the best option for you and visit areas you expect to find your potential market.

Task

- Analyze the steps in conducting a market survey.
- Design a market survey guide/questionnaire you will use to carry out a market survey.

#### ITEM 2

Christine is a university student studying from Makerere university. She studies in the evening and during day she is free recently, she decided to open a shop in town dealing in bags, shoes, and jewelry to act as a source of income for her and occupy her during the day. To successfully begin her business, she needs money to pay rent for three months, hire workers, buy stock, and advertise her products. Since she doesn't have enough savings, Mary is considering different ways of raising funds to make her business dream a reality.

Task:

- If you were advising Christine as a student of Entrepreneurship, what important aspects should she consider to successfully start and operate her business in town?
- In your view, what possible options could Christine consider for getting the money she needs to put her business idea into action?

## S.1 FRENCH

### ATTEMPT ALL QUESTIONS

#### QUESTION 1:

Tu es un nouvel élève dans une école.

Écris quelques phrases pour décrire ta vie scolaire (tes matières, tes amis, ce que tu aimes et ce que tu n'aimes pas).

#### QUESTION 2:

Décris ta journée scolaire : à quelle heure tu arrives, les cours que tu as, ce que tu fais pendant la pause et après les cours.



## SENIOR ONE ICT

Scan the QR Code to access the ICT holiday work



### S.1 KISWAHILI

Kifurusi cha likizo

Kidato cha kwanza (F1)

Katika kila pahali, ni vyema kuwa na kiongozi ili watu waweze kuwa na mwelekeo. Kiongozi bora ni mtu anayeliongoza kundi au jamii kuelekea mafanikio kwa busara, uwajibikaji na maadili mema. Uongozi bora ni nguzo muhimu katika kuleta maendeleo, amani na mshikamano katika jamii yoyote. Ili kiongozi aweze kutekeleza majukumu yake kikamilifu, anapaswa kuwa na sifa kadhaa zinazomtofautisha na viongozi dhaifu au wasio na maadili.

Kwanza, kiongozi bora lazima awe **mwadilifu**. Uadilifu humsaidia kufanya maamuzi sahihi bila upendeleo, ubinafsi au rushwa. Kiongozi mwadilifu huheshimika na kuaminika na watu anaowaongoza. Pili, awe **mwenye maono**, yaani awe na uwezo wa kupanga mustakabali wa watu wake na kuona mbali kuliko raia wa kawaida. Maono humwezesha kutatua changamoto kwa njia ya ubunifu na kupanga mikakati ya maendeleo.

Mbali na hayo, kiongozi bora anatakiwa kuwa **mwenye uwezo wa mawasiliano mazuri**. Mawasiliano humwezesha kueleza sera na mipango yake kwa uwazi ili kila mwanajamii aelewe na kushiriki kikamilifu. Pia awe msikilizaji mzuri anayejali mawazo, maoni na matatizo ya watu wake. Zaidi ya hapo,



kiongozi bora lazima awe **mchapakazi na mwenye uwajibikaji**. Kutekeleza ahadi, kufuatilia kazi na kusimamia rasilimali kwa ufanisi ni ishara ya kiongozi anayejali maendeleo ya jamii.

Vilevile, kiongozi bora ni **mwenye huruma na haki**. Huruma humfanya aone umuhimu wa kusaidia walio katika hali ngumu, ilhali haki inamwongoza kutoa maamuzi bila ubaguzi. Mwisho, kiongozi bora lazima awe **mshirika wa amani**, anayejenga umoja, ushirikiano na mshikamano miongoni mwa watu.

Kwa jumla, kiongozi bora ni yule anayejenga jamii kwa uadilifu, maono, mawasiliano, kazi, huruma na haki. Sifa hizi zikizingatiwa, jamii yoyote inaweza kufikia maendeleo endelevu na ustawi wa wote.

Kisa: kwa kurejelea habari hii, andika sifa za kiongozi bora kwa maneno themanini (80)

### S1 LITERATURE HOLIDAY WORK

You are an active member of your house colour at school. You have been asked to write a poem by your house patron for presentation during house Music, Dance, and Drama competitions.

#### Task

Write a four-stanza poem you would present. Use online research platforms to incorporate in your poem unique poetry features like, proverbs, similes rhyme and imagery. The poem should be about your school (Greenhill Academy). Use a ¼ manila paper. Design it very well and submit on the first day of school.

### S.1 PHYSICAL EDUCATION.

TOPIC: FACTORS IN PERFORMANCE OF PHYSICAL ACTIVITIES

REFERENCES:

1. New Vision Secondary Physical Education Learner's Book 2 pgs. 1- 6
2. <https://www.yaaka.cc/unit/factors-in-performance-of-physical-activities/>
3. <https://acsm.org/5-skills-for-fitness-industry-success/>

QUESTIONS

1. Research and make short notes on the following personal qualities in regard to performance of Physical activities
  - (a) Talents
  - (b) Interests
  - (c) Skills
2. Research and make short notes on the way mental, social and emotional factors affect performance in Physical activities.



## PERFORMING ARTS

### S.1 END OF TERM 3 HOLIDAY WORK

1. Research about a music scale {music solfars}.
2. Practice the music scale both ascending and descending.
3. Draw different French rhythms using sixteenth notes, quarter notes, half notes and whole notes.
4. Indicate different musical solfars of your choice on the rhythmical patterns drawn.
5. Practice and pitch the correct musical solfars following the rhythmical patterns drawn.
6. Compose lyrics of your choice following the rhythms and solfars written.
7. Write down all the procedures and sing the lyrics at the beginning of term1.