

TERM ONE 2026 – SENIOR TWO – HOLIDAY WORK

ENGLISH

Scenario: The teacher on duty caught you outside at the canteen eating some snacks when lessons were ongoing. You were given two weeks' suspension for dodging lessons, after which your parents have brought you back to school. You promise the disciplinary committee to make amends and take your studies more seriously.

Task: Write an apology to the teacher whose lesson you dodged. Tell them why you did so and promise to change your behaviour.

LITERATURE IN ENGLISH

Scenario: Your neighbour mistreats her step-child whenever her husband is away. You realise that if you wrote to her a poem about children's rights and the law, it could change the situation for the better.

Task: Write a poem in which the persona is the mistreated child. Clearly describe the situation, employing sound devices (onomatopoeia) as well as rhyme to make the poem appealing. In your poem, condemn the neighbour's actions and give advice to help her improve her behavior.

GEOGRAPHY

Uganda is rapidly growing in terms of industrialization. Many industries are developing in many towns and cities such as Kampala, Jinja, Mbale and Mbarara due to increased arrivals of foreign investors like Chinese, Indians into the country. However, increased industrialization is creating serious negative effects on the physical environment. This is raising great concern among the people and environmentalists.

Task:

- (a) Write an essay on the factors promoting the development of industries in Uganda.
- (b) Explain the negative effects of industries on the environment in Kampala.

CHEMISTRY

A comprehensive report from the researchers has noted of the atmospheric air whose quality has significantly deteriorated. The environmental degradation has prompted policy makers and environmentalists to raise awareness about the importance of air conservation. A sensitization workshop is to be organized to address about the researcher's report to the public. You have been invited to the workshop to deliver a detailed message regarding the sensitizations.

TASK: As a chemistry student, prepare a write up message.

HISTORY

Between 2010 and 2016 more than 320 embassies were opened in Africa by foreign powers. Turkey alone opened 26. In 2018 India announced it would open 18 embassies in Africa. Military cooperation is deepening too. USA and France were helping Sub-Saharan countries to fight terrorists in the heart of Africa. Russia has signed over 22 military deals since 2014 and China is now the leading arms' seller to Sub-Saharan countries.

Task: Basing on the reasons for the past scramble for Africa, explain why you think European, Asian and American countries and scrambling for Africa today.

LUGANDA

Mubadde mutambula ne munno kwe kusanga abasajja nga banyumya mu mbooji yaabwe. Munno awulidde boogera ekigambo "ebifo by'olukale" kwe kukubuuza oba nga okiwulidde naawe. Munno akkuzeemu nti ye akiwulidde bulungi naye tamanyi kye babadde boogerako. Kko ggwe nti iii, nkimanyi bulungi kye bategeeza.

- a) Bwatyo asaba omunnyonnyole amakulu gaakyo.
- b) Menya ebifo by'olukale by'omanyi.

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CRE

A man suffering from a dreaded skin disease came to Jesus, knelt down, and begged him for help. "If you want to," he said, "you can make me clean." Jesus was filled with pity, and stretched out his hand and touched him. "I do want to," he answered. "Be clean!" At once the disease left the man, and he was clean. Then Jesus spoke sternly to him and sent him away at once, after saying to him, "Listen, don't tell anyone about this. But go straight to the priest and let him examine you; (Mark 1:40-44)

Task:

- Explain the bible teachings in the above bible text that can promote human dignity.
- Basing on the above scripture, how should Christians today promote human dignity?

TECHNICAL DRAWING

A technician has been tasked with designing a machine base plate. The plate is shaped in form of a regular pentagon whose sides are 50mm. on presenting his design he was told that the metal plate was slightly bigger than the recommended size and he was told to reduce the area of the plate in the ratio 4:5. How would you geometrically assist the technician?

KISWAHILI

Jenga setensi tano na umuhimu wa sherehe katika jamii. (Construct five sentences and the importance of celebrations in our society).

PHYSICAL EDUCATION

You are part of a community youth club in Kampala, Uganda, that focuses on promoting healthy lifestyles among teenagers in your neighborhood. Recently, the local health center conducted a survey and found that many teens are not physically active. Some spend long hours at school and then stay indoors watching TV or using their phones. Several teens report that they are always tired at school, often because they stay up late using social media, watching TV, or doing homework. After playing football or walking long distances to school, some teens don't shower regularly due to lack of access to running water or simply neglecting personal hygiene practices like washing hands before meals or brushing their teeth daily.

Task: As part of the youth club's health initiative, you are tasked with creating a **practical daily routine** that will help teens in Uganda maintain a balanced lifestyle that promotes well-being.

BIOLOGY

Item 1

During a workshop organized for farmers in Kakumiro District, the agricultural expert emphasized that it is important for farmers to always investigate the presence of various soil components that are vital for plant health before choosing which crops grow well in a given type of soil. He further highlighted that agricultural soils must contain air, humus, living organisms, and soil water.

When David was called upon, he chose to carry out an investigation to determine the percentage of air in a soil sample from his garden, and he obtained the following values:

- Volume of soil used = 40 cm³
- Volume of water added to the soil = 50 cm³

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- Final volume of water + soil after mixing = 80 cm³

After successfully conducting the investigation, he found it difficult to relate the results to soil suitability for plant growth.

Task

Help David to:

- i). Calculate the percentage composition of air in the soil sample and draw a conclusion on whether his field is relatively favorable for plant growth.
 - ii). Explain the significance of soil air in agricultural practices.
- Briefly outline the significance of:
 - Soil water
- iii) Living organisms in the soil

Item 2

Amiina Rejoice, a Food and Nutrition student from Victoria University, is conducting research to investigate the relationship between the composition of foods and the health of children. In her research, she considered go, glow, and grow foods, as well as the different subclasses of carbohydrates, since these are closely linked to diabetes, especially Type 1 diabetes.

She further documented her findings in a report, which she uploaded to the websites of different pediatric homes to be used as nutrition manuals.

One day, Jane's 3-year-old baby fell sick and showed the following signs: soft hair that could easily be plucked out, loss of hair color, growth retardation, a pot belly (swollen lower abdomen), swollen legs and joints (oedema), and wasted muscles.

When she went to a pediatric facility, after examination, the nurse printed out Amiina Rejoice's research report, insisting that it would help solve the child's medical problem instead of giving drugs to the baby. This left Jane in disbelief, as she claimed she is illiterate.

Task

You have been approached by Jane for explanation since you are at school.

- a) From the report prepared by Amiina Rejoice, explain the meaning of the following categories of foods and, in each case, give three relevant examples from your local environment:
 - i). Go foods
 - ii). Glow foods
 - iii). Grow foods
- b) Explain how carbohydrates are related to diabetes.
- c) Based on the signs and symptoms presented by the baby, identify the type of malnutrition and state the specific nutrient deficiency responsible for the condition.

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ICT

- 1) Explain the difference between computer maintenance and computer servicing
- 2) What is the importance of servicing and maintaining of a computer?
- 3) What are some of the tools used during servicing of the computer?
- 4) What methods can be used to increase the speed of the computer?

ART

The local community market in your village has a problem: vendors are running out of strong, locally-made baskets to sell their produce, and plastic bags are becoming an environmental concern. The village craft association wants a sustainable, durable solution using available materials (e.g., raffia, reeds, or banana fibers)

TASK: As a student of art and design, you're required to produce a sample basket suitable for carrying market produce.

PHYSICS

A rider who has been using a simple bicycle has purchased a new and improved one. The total mass of the rider and this new improved bicycle is 80 kg. The rider uses this bicycle to go up a hill of height 5 m in 20 seconds and he is 75% efficient.

On the other hand, the simple bicycle has two toothed wheels are connected by a chain, with 48 teeth in the big toothed wheel and 16 teeth in the smaller toothed wheel. The rider is looking for more explanations to convince his brother that he is not just wasting money by buying the improved bicycle.



Simple bicycle.



Improved bicycle.

Using your Physics knowledge, help the brother to:

- a) (i) Determine the velocity ratio of the simple bicycle.
(ii) Explain the advantages and disadvantages of having a high velocity ratio in the connected toothed wheels.
- b) Determine the power used by rider to move up the hill using the improved bicycle.

Understand why the rider preferred to use the improved bicycle for riding up hill

MATHEMATICS

A School in Wakiso wants to paint a game court on the assembly ground but the painter cannot begin before a correct coordinate sketch is prepared. The deputy headteacher has drawn part of the plan on a rectangular coordinate grid so that the court can be copied accurately onto the ground. Three corners of the rectangular are marked as follows. Point A is 6 units west and 2 units south of the origin, point B is 6 units East and 2 units south of the origin, point C is 6 units east and 3 units north of the origin. However the fourth corner was smudged off the paper. Above the court is a small triangular judges' stand to be painted. Its vertices are marked as follows; point E is 2 units west and 3 units north of the origin, point is 6 units north of the origin, point G is 2 units east and 3 units north of the origin. The school wants the stand to be exactly centred above the court so that the design looks balanced. Since the painter cannot rely on guess work, mathematics is

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needed to draw the axes, plot the points correctly, computes the missing corner and check whether the stand is properly centred before the work is approved.

TASK

- a) Draw and label the cartesian plane, choose a suitable scale and plot the given points.
- b) Determine the position of the missing corner D and complete the rectangular court.
- c) Decide whether the stand is centred above the court.
- d) State whether the deputy headteacher's painting plan should be approved