

GEOGRAPHY

During the holiday move around the area, you stay and carry out a study on the environment in the area. Look at how people in the area relate with the physical environment.

Make an observation on the positive ways how the people are using the environment, identify the problems faced in environment and steps being taken.

Task:

- (a) Draw a sketch map of your area, on it show the physical and human features.
- (b) Write an essay on the problems caused by people in your area on the environment. Suggest solutions to such problems.

CHEMISTRY

Mukisa a senior one student wants to obtain pure salt crystals from its salt solution. Carry out a scientific investigation to help him achieve that.

HISTORY

During a school trip students from Mt. St Mary's High school visited Olduvai Gorge Museum in Tanzania. The museum guide explained how archaeologists and anthropologists have over the years discovered fossil remains and stone tools in the great rift valley region of east Africa. One of the students, Amara, was fascinated and asked, "Does this mean Africa is the birthplace of humanity?"

The guide replied, "the evidence strongly suggests so." Back to school the History teacher asked students to research and present findings on the origin of man.

Task: Explain how modern African communities trace the history of the past to confirm their origins.

LUGANDA

Mu maka g'ewammwe, waliyo ebintu bye mukozesa ebimu nga biruke n'emikono ebirala bibajje.

- a) Menyayo ebimu ku byo.
- b) Londako ekintu kimu ku by'ompadde waggulu onnyonnyole emigaso gy'ekintu ekyo eri Omuganda.

TECHNICAL DRAWING

A draughtsman is designing a triangular steel support bracket for a small overhead tank. The bracket must satisfy specific geometric conditions for stability. Base = 50mm, base angle = 45° and perimeter = 145mm. You have been approached by the draughtsman to help him design the bracket, geometrically illustrate.

KISWAHILI

Jenga setensi tano na kazi unazofanya ukiwa nyumbani kwenu. (Construct five sentences and the works that you do at your home.)

CRE

- Write down the commandments of God from the book of Exodus.
- Explain five problems that Ugandans are likely to face if they don't follow any of the five commandments of God written down in part (a) above.

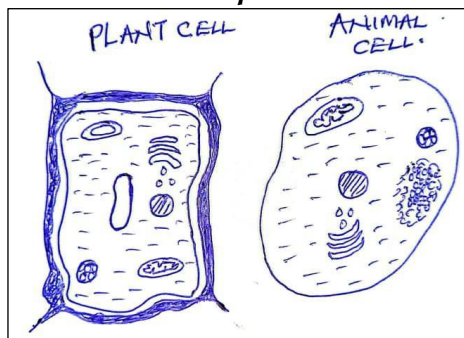
BIOLOGY

Item 2

In our ecosystem, organisms are broadly grouped into plants and animals, both showing remarkable diversity. To understand their body physiology and anatomy, Senior One student collected samples of plant and animal tissues for light microscopic analysis.

Upon observing the slides, they noticed some structural similarities and differences between the plant and animal tissues. However, despite using the microscope correctly, many students struggled to identify and name the observed structures. You have been approached as a trusted colleague to help them analyze their slides and understand the observations.

Microscopic slides



Task: As a trusted colleague, you are required to use their slides to establish the;

- Structural similarities between the microscopic slides
- Structural differences (use a table)
- Identify the organelles which enable plants and animals to co-exist (inter dependent) and explain how the processes which occur within such organelles bring about such interdependence.

AGRICULTURE

Senior two class of Lakeside College Luzira intends to start a vegetable project next term. They were advised to first raise the seeds in a nursery bed then the transplant later. They were worried because they never studied how to prepare nursery bed and are now stranded.

Task: Guide them on how to prepare a nursery bed indicating the tools used and their uses.

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 community leaders have sighted a need to get rid of the waste materials especially plastics in the community.

TASK: As a learner who has been acquired skills of re-using waste materials through making crafts works, make a Collage art work using the common waste materials in your environment with a very good finishing.

LITERATURE

Your friend is going through a difficult time and struggling with many challenges including self-doubt, low-esteem and parental neglect. Using relevant proverbs and idioms, offer advice and encouragement to help them stay motivated and focused.

ENGLISH

Using your knowledge on the topic “Finding Information”, think about the internet. Is all the information on the internet good content? What rules do you think as learner should follow before using the internet? Write at least 6 rules.

PHYSICS

A truck from the ministry of education travelled for 9000s to deliver books at your school which were packed in boxes of two types A and. Type A boxes are measuring 50cm by 40cm by 30cm and weighing 6kg while type B boxes are measuring 40cm by 35cm by 45cm and weighing and weigh 6.3kg. The minister of contacted the head teacher and told him that each box has to be density of at least 0.1gcm^{-3} . The head teacher has failed to understand what density means and how to confirm whether the boxes are of the required. You have been contacted to help the head teacher.

Task

- a) Help the head teacher.
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