

ST STEPHEN'S COLLEGE BAJJA
BIOLOGY DEPARTMENT 2020

Dear S1 students, hope you're taking good care of your precious life by following all the health guidelines given to us.

Below is a series of activities that can keep us engaged in this period?

However, you will need to use the biology learner's textbook for reference, download a copy from **this very website** or visit the **NCDC** website using the link below and download the **student's text book (prototype)**. This can be used as a guide to the Biology activities.

<http://ncdc.go.ug/publications?page=2>

NOTE

If you are in position to, kindly print and bind a copy of the prototype.

Thank you

ACTIVITY ONE

1. *You are a student of St. Stephen's College Bajja, and you have been learning about living things. The communities in your neighborhood in the village are having problems with monkeys in a near by forest reserve. These animals have destroyed maize plantations and people are planning to poison all the monkeys. You plan to raise awareness about the need to conserve and protect living things, no matter how destructive they are to the crops. You want to Design a poster with your awareness Message using the relationship between the following living things.*



Senior one B



Task: using your knowledge of life processes, design a poster involving all the four living things.

ACTIVITY 2

2. Use the pictures below to answer the following questions.

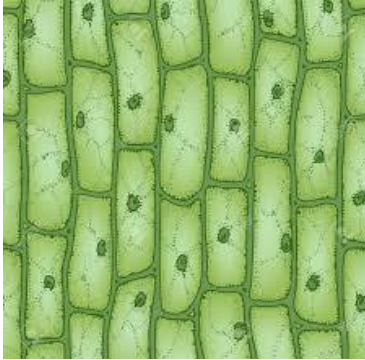


- a). (i) Identify the organisms in the above diagram.
 - ii). with reasons, identify the life processes carried out by the above organisms.
 - iii) How is the above life process beneficial to the above organisms?
- b). (i) Give any other life processes apart from those demonstrated in the above diagram.
- ii). You are in a community around a grassland. There is a lioness which always come at night and attack the livestock of the locals. The locals are planning to attack and kill the lioness because they are fed up with the losses. You are a Biologist who is interested in conservation, prepare to sensitize the angry community and give them measures of how to deal with this challenge.

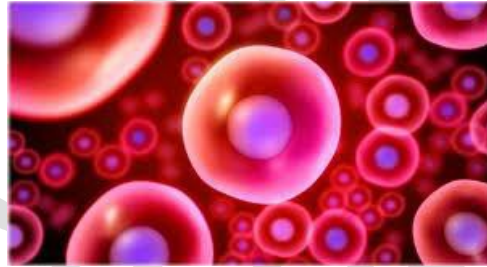
ACTIVITY 3

3. Use the pictures below to answer the following questions.

Structure A.



structure B.



The above are as observed under a microscope and they are very important to life. Identify the above biological structures.

a). What structure belongs to

- i) Animals
- ii) Plants

b). Draw a single unit from each of the pictures. Do not label

ii). Using the drawings you have made in (bi) above, identify the similarities and differences between a single unit from structure A and structure B.

ACTIVITY 4

4. a whole school setting is setup and works more or less like your whole body. There are different individuals eg students, teachers cooks, administrators, askaris, canteen attendants, cleaners among others.

a) Relate these different school components to your body composition.

School component	Equivalent to in body component
A single individual in any group	
A group of students	
A group of students and teachers. Or a group of canteen attendants and cooks.	
A group of students, teachers, canteen attendants and cooks.	
All the different school components linked together	

- b) In your view, why would it be important to have such a setting in our bodies other than having each of our body part equivalents to an individual do all the activities.

END

- Stay home, stay safe.
- Remember to wash your hands whenever you get a chance to.
- Do not touch the delicate facial parts ie the eyes, nose and mouth.