

Ba Sangam College





Year 9

Basic science

Worksheet 1

Sub - Strand: Skills, Processes and Procedures

1. Complete the following

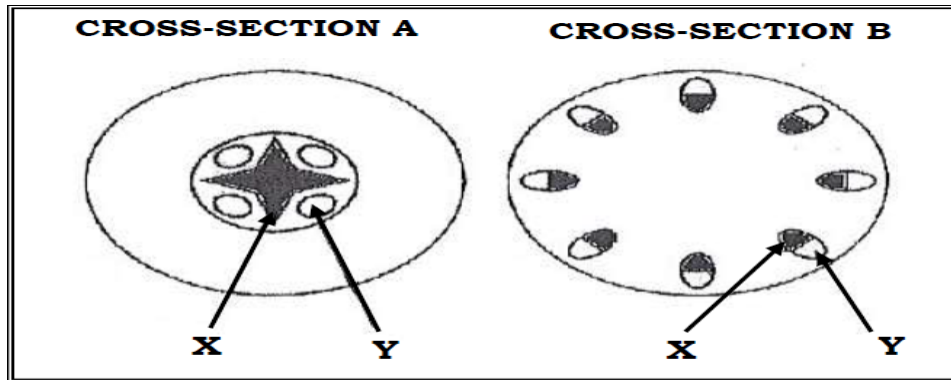
| APPARATUS | USE | NAME |
|---|--|--------------------|
|  | A circular concave glass used generally for evaporating liquids | i. |
|  | ii. | Spatula |
| iii. | To measure volume | Measuring Cylinder |
|  | iv. | Spring Balance |
|  | Used to transfer liquids into any container so they will not be lost or spilled. | v. |

2. A student spilled some hydrochloric acid (HCL) on his hand. What should the student do immediately before going to visit a Doctor?

3. Write down **two** general safety rules in the laboratory.

Sub strand 1 - Structure and Life Processes and Procedures

1. The diagram below shows two plant cross-sections. Use it to answer the questions that follow.



Source: <http://www.oldschool.com.sg>

- (i) Identify the cross-section which belongs to:

Stem _____

Root _____

- (ii) Describe the function of the structures labelled X and Y?

X _____

Y _____

2. Define the following terms:

a. Photosynthesis

b. Pollination _____

3. i. Define transpiration.

ii. State two importance of transpiration.

4. Complete the following equation for photosynthesis.

