



Lagudwas

**Learning Labs**

Education For Future-GEN

# BIOLOGY

# SYLLABUS

The only source of knowledge is  
experience

-Albert Einstein

S No	TITLE
01	Test for starch
02	Test for protein
03	Test for Fat
04	Separation of immiscible liquids
05	Investigating the Role of STEM in the Upward Movement of Water
06	Identify the parts of plants
07	Study that leaves prepare starch by the process of photosynthesis
08	Exploring Taproot and Fibrous Root Systems
09	Understanding Ball and Socket Joints
10	To study the bones present in the chest

S No	TITLE
11	To observe the human skeleton
12	To observe the birds skeleton using specimen
13	To identify why abiotic factors are important for all living organisms
14	To study about Stomata
15	To study about plant cell
16	To view the animal cell
17	To learn about human teeth
18	To learn the parts of lungs
19	To study the pulse rate
20	To read about parts of heart

S No	TITLE
21	Understand heartbeat and to make stethoscope
22	To study about kidney
23	To visualize the RBC and WBC
24	To perform reproduction of yeast by budding
25	To identify the unisexual and bisexual flowers
26	To grow plant using manure and fertilizer
27	To observe muddy and pond water under microscope
28	To observe algae under microscope
29	To identify flora and fauna
30	To observe eggs of the following organisms – frog, lizard, butterfly or moth, hen and crow or any other bird

S No	TITLE
31	To observe permanent slides of hydra using microscope
32	Examining the cells in onion
33	Various cell structures of human body
34	To study the osmosis process
35	To study plant and animal cell under microscope
36	Growth of roots in onion bulbs
37	visualize a stem under microscope

