

Weekly distribution of Biology class 11

Month	Week	Name of chapter	Topics/content
August	1 st	Animal kingdom	Basis of classification-levels of organisation, symmetry. diploblastic triploblastic, coelom, segmentation, notochord. classification of animals, phylum- —porifera-characters and examples. Phylum- coelentrata (cnidaria)-characters & examples, ctenophora, Platyhelminthes, aschelminthes.
	2 nd	Animal kingdom	Annelida, arthropoda. mollusca, echinodermata. characters and examples. hemichordata, characters- urochordata, cephalochordata vertebrate-class cyclostomata, chondrichthyees,, Osteichthyees. amphibia, reptilian, aves. mammalia. chart of characters.
	3 rd	Structural organization in animals	structural organization in animals: Tissue and types epithelial-simple. compound. simple-squamous,cuboidal, columnar, ciliated, glandular, compound, skin, junctions. connective tissue- loose and compact, dense, specialized, loose- areolar, adipose dense- regular irregular. specialised ones and blood & cartilage. Muscle tissue- skeletal. smooth,cardiac. Nervous tissue, organs and organ system,
	4 th	Structural organization in animals	earthworm- morphology, anatomy, digestive, circulatory. reproductive, excretory,& nervous system, cockroach- morphology- mouth parts. anatomy digestive. excretory. Respiratory. Reproductive & circulatory system. frog- morphology, anatomy- digestive, excretory, reproductive system.

Weekly distribution of Biology class 12

Month	Week	Name of chapter	Topics/content
August	1st	Reproductive health	Reproductive health-problems and strategies,population explosion and birth control,medical termination of pregnancy,sexually transmitted diseases,infertility
	2 nd	Principles of inheritance and variation	Mendel's laws of inheritance,inherintance of one gene,monohybrid cross,law of dominance,law of segregation,incomplete dominance,codominance,inherintance of two genes,law of independent assortment,
	3 rd	Principles of inheritance and variation	chromosomal theory of inheritance,linkage and recombination,sex determination,sex determination in humans,mutation,genetic disorders,,pedigree analysismendelian disorders,
	4th	Molecular basis of inheritance	The DNA,structure of poly nucleotide chain,packaging of DNA helix,the search for genetic material,the genetic material is DNA,properties of genetic material,The RNA world,replication,the experimental proof,the machinery & enzymes