

THE WISDOM GLOBAL SCHOOL									
SYLLABUS BIFURCATION									
GRADE-IX									
SUBJECT-BIOLOGY									
NAME OF BOOK-EFFECTUAL BIOLOGY,NCERT BOOK									
YEAR-2022-2023									
NAME OF TEACHER- Mr.ANSHUL SHARMA									
S.No.	BOOK NAME	MONTH	CHAPTER NUMBER	CHAPTER NAME	SUB.TOPIC	NO.OF DAYS REQUIRED	ACTIVITY /PROPS	SMART BOARD(PP T/VIDEO)	CHART
1	SCIENCE NCERT	APRIL	5	FUNDAMENTAL UNIT OF LIFE CELL	Introduction and warm up questions about : The Living World	1	YES	YES	NO
2		APRIL			Study of structure and working of compound microscope	1	YES	YES	NO
3		APRIL			Cell - Basic Unit of life:	1	YES	YES	YES
4		APRIL			structural organisation of the cell	1	YES	YES	NO
5		APRIL			plasma membrane	1	YES	YES	NO
6		APRIL			diffusion and osmosis	1	YES	NO	NO
7		APRIL			cell wall and nucleus	1	YES	YES	NO
8		APRIL			chromatin material and chromosome	1	YES	YES	NO
9		MAY			cytoplasm, organelles & inclusion,golgi body	1	YES	YES	NO
10		MAY			endoplasmic reticulum,lysosome	1	YES	YES	NO
11		MAY			peroxisome,ribosome	1	NO	YES	NO
12		MAY			plastid	1	NO	YES	NO
13		MAY			centrosome,cilia and flagella,vacuole	1	NO	YES	NO
14		MAY			types of cells- prokaryotic cell	1	NO	YES	YES
15		MAY			eukaryotic cell	1	NO	YES	YES
16		MAY			comparison between prokaryotic and eukaryotic cell	1	NO	YES	YES

**PREMID TERM ASSESSMENT**

17	SCIENCE NCERT	JULY	6	TISSUE	Tissue: introduction of plant and animal tissue	1	YES	YES	NO
18		JULY			plant tissue and its type: meristematic tissue	1	YES	YES	NO
19		JULY			Permanent plant tissue: simple permanent plant tissue	1	YES	YES	YES
20		JULY			Sclerenchyma and protective tissue	1	YES	YES	NO
21		JULY			Complex permanent plant tissue: xylem	1	YES	YES	NO
22		JULY			Complex permanent plant tissue: phloem	1	YES	YES	NO
23		AUGUST			animal tissue: epithelial tissue	1	YES	YES	YES
24		AUGUST			types of epithelial tissue	1	YES	YES	YES
25		AUGUST			muscular tissue	1	YES	YES	NO
26		AUGUST			connective tissue: areolar, adipose, ligament, tendon	1	YES	YES	NO
27		AUGUST			skeletal tissue, vascular tissue	1	YES	YES	NO
28		AUGUST			nervous tissue	1	YES	YES	YES
<b>MID TERM ASSESSMENT</b>									
29	SCIENCE NCERT		7	DIVERSITY IN LIVING ORGANISM	classification of organism a general idea	1	YES	YES	NO
30		SEPTEMBER			basis of classification, importance of classification, classification and evolution	1	YES	YES	NO
31		SEPTEMBER			nomenclature and hierarchy of classification, 5 kingdom classification	1	YES	YES	NO
32		SEPTEMBER			5 kingdom classification: monera, protista	1	YES	YES	NO
33		SEPTEMBER			fungi and plantae	1	YES	YES	NO
34		SEPTEMBER			plant kingdom: cryptogamae	1	YES	YES	YES
35		OCTOBER			plant kingdom: cryptogamae	1	YES	YES	YES
36		OCTOBER			plant kingdom: phanerogamae	1	YES	YES	YES
37		OCTOBER			kingdom animalia: porifera	1	YES	YES	YES

38		OCTOBER			cnidaria & helminthes	1	YES	YES	YES
39		OCTOBER			annelida & arthropoda	1	YES	YES	YES
40		OCTOBER			mollusca & echinodermata	1	YES	YES	YES
41		OCTOBER			hemichordata & chordata- protochordata	1	YES	YES	YES
42		OCTOBER			pisces,amphibian and reptilia	1	YES	YES	NO
43		OCTOBER			aves and mammalia	1	YES	YES	NO
44		OCTOBER			aves and mammalia	1	YES	YES	NO
45	SCIENCE NCERT	NOVEMBE R	13	WHY DO WE FALL ILL?	health, disease and distinction between healthy and disease free state	1	YES	NO	NO
46		NOVEMBE R			disease and its causes: acute & chronic disease,communicable and non-communicable disease	1	YES	YES	NO
47		NOVEMBE R			modes of trasmission of disease	1	YES	YES	NO
48		NOVEMBE R			organ and tissue specific manifestation	1	YES	YES	NO
<b>POST MID TERM</b>									
49		JANUARY			viral disease:AIDS and influenza	1	YES	YES	YES
50		JANUARY			bacterial disease: typhoid, protozoan disease:malaria	1	YES	YES	NO
51		JANUARY			principles of treatment	1	YES	YES	NO
52		JANUARY			principle of prevention	1	YES	YES	NO
53	SCIENCE NCERT		14	NATURAL RESOURCES	introduction:air	1	YES	YES	NO
54		FEBRUARY			movement of air,rain,air pollution	1	YES	YES	NO
55		FEBRUARY			soil and weathering, types of soil	1	YES	YES	NO
56		FEBRUARY			soil pollution & erosion	1	YES	YES	NO
57		FEBRUARY			water & water pollution	1	YES	YES	NO

58		FEBRUARY			biogeochemical cycle: nitrogen cycle	1	YES	YES	NO
59		FEBRUARY			water cycle, green house effect, ozone layer	1	YES	YES	NO
60		FEBRUARY							
61		FEBRUARY	15	IMPROVEMENT IN FOOD RESOURCES	introduction: improvement in the yields of crops	1	YES	NO	NO
62		FEBRUARY			crop variety improvemnet	1	YES	NO	NO
63		FEBRUARY			crop production management	1	YES	NO	NO
64		FEBRUARY			cropping patterns	1	YES	NO	NO
65		FEBRUARY			crop protection management	1	YES	NO	NO
66		FEBRUARY			scientific storage of grains	1	YES	NO	NO
<b>FINAL ASSESSMENT</b>									