

THE WISDOM GLOBAL SCHOOL									
SYLLABUS BIFURCATION									
GRADE-X									
SUBJECT-BIOLOGY									
NAME OF BOOK- SCIENCE NCERT									
YEAR-2022-2023									
NAME OF TEACHER- Mr.ANSHUL SHARMA									
S.No.	BOOK NAME	MONTH	CHAPTER NO.	CHAPTER NAME	SUB.TOPIC	NO. OF DAYS REQUIRED	ACTIVITY/PROPS	SMART BOARD(PPT/VIDEO)	CHART
1	SCIENCE-NCERT	APRIL	6	LIFE PROCESS	WHAT ARE LIFE PROCESS	1	YES	YES	NO
2		APRIL			NUTRITION: AUTOTROPHIC NUTRITION	1	YES	YES	NO
3		APRIL			NUTRITION IN PLANTS	1	YES	YES	NO
4		APRIL			HETEROTROPHIC NUTRITION: NUTRITION IN AMOEBEA	1	YES	NO	NO
5		APRIL			HUMAN DIGESTIVE SYSTEM	1	YES	NO	YES
6		APRIL			NUTRION IN HUMAN	2	YES	NO	YES
7		APRIL			RESPIRATION AND ITS TYPES, ATP	1	YES	NO	NO
8		APRIL			HUMAN RESPIRATORY SYSTEM	1	YES	NO	YES
9		APRIL			RESPIRATION IN HUMAN	1	YES	NO	YES
10		APRIL			TRANSPORTATION: BLOOD	1	YES	YES	NO
11		MAY			HUMAN HEART	1	YES	NO	YES
12		MAY			CIRCULATORY PATHWAYS IN HUMAN	1	YES	YES	NO
13		MAY			BLOOD VESSELS AND BLOOD PRESSURE	1	YES	NO	NO
14		MAY			BLOOD CLOTTING, LYMPH	1	YES	NO	NO
15		MAY			TRANSPORTATION IN PLANTS:TRANSPORT OF WATRE	1	YES	NO	NO
16		MAY			TRANSLOCATION	1	YES	YES	NO
17		MAY			EXCRETION: HUMAN EXCRETORY SYSTEM	1	YES	NO	YES
18		MAY			URINE FORMATION	1	YES	NO	NO
19		MAY			Hemodialysis, EXCRETION IN PLANTS	1	YES	YES	NO

PREMID TERM ASSESSMENT									
20	SCIENCE- NCERT	JULY		CONTROL AND COORDINATIO N	INTRODUCTION OF CONTROL AND COORDINATION,ANIMAL NERVOUS SYSTEM	1	NO	YES	NO
21		JULY			STRUCTURE OF NEURON AND SYNAPSE	1	YES	YES	NO
22		JULY			REFLEX AND REFLEX ARCH	1	NO	YES	NO
23		JULY			HUMAN BRAIN STRUCTURE AND FUNCTION(BRIEF)	1	YES	YES	NO
24		JULY			WORKING OF HUMAN NERVOUS SYSTEM	1	NO	YES	NO
25		AUGUST			COORDINATION IN PLANTS,Immediate Response to Stimulus	1	NO	YES	NO
26		AUGUST			GROWTH RELATED MOVEMENT IN PLANTS- GEOTROPHISM,PHOTOTROPHISM,C HEMOTROPHISM	1	NO	YES	NO
27		AUGUST			PHYTOHORMONES	1	NO	YES	NO
28		AUGUST			HUMAN ENDOCRINE SYSTEM	1	YES	NO	NO
29		AUGUST			MAIN HORMONES AND THEIR FUNCTIONS	1	NO	YES	NO
30	SCIENCE- NCERT	SEPTEMBER		HOW DO ORGANISM REPRODUCE?	REPRODUCTION ITS SIGNIFICANCE, IMPORTANCE OF VARIATION	1	NO	YES	NO
31		SEPTEMBER			MODE OF REPRODUCTION: SEXUAL AND ASEQUAL	1	NO	YES	NO
MID TERM ASSESSMENT									
32		SEPTEMBER			& FREGNMENTATION	1	NO	YES	NO
33		SEPTEMBER			BUDDING & REGENERATION	1	NO	YES	NO
34		SEPTEMBER			SPORE FORMATION & VEGETATIVE PROPAGATION	1	YES	YES	NO
35		SEPTEMBER			TISSUE CULTURE & WHY SEXUAL REPRODUCTION?	1	YES	YES	NO
36		OCTOBER			SEXUAL REPRODUCTION IN FLOWERING PLANT: STRUCTURE OF FLOWER	1	YES	NO	NO
37		OCTOBER			PROCESS OF SEXUAL REPRODUCTION, POLLINATION	1	YES	NO	NO

38		OCTOBER			SEXUAL REPRODUCTION IN HUMAN: PUBERTY AND ADOLESCENCE	1	NO	YES	NO
39		OCTOBER			MALE REPRODUCTIVE SYSTEM HUMAN	1	YES	NO	NO
40		NOVEMBER			HUMAN FEMALE REPRODUCTIVE SYSTEM	1	YES	YES	NO
41		NOVEMBER			PROCESS OF SEXUAL REPRODUCTION HUMAN	1	NO	YES	NO
42		NOVEMBER			REPRODUCTIVE HEALTH	1	NO	YES	NO
43	SCIENCE-NCERT	NOVEMBER	9	HERIDITY AND EVOLUTION	HERIDITY AND ACCUMULATION OF VARIATION	1	NO	YES	NO
POST MID TERM									
44		JANUARY			MENDELS WORK AND CONTRIBUTION	1	NO	YES	NO
45		JANUARY			IMPORTANT TERMINOLOGY OF GENETICS	1	NO	YES	NO
46		JANUARY			MONOHYBRID CROSS: LAW OF DOMINANCE, LAW OF SEGREGATION	1	NO	YES	NO
47		JANUARY			DIHYBRID CROSS: LAW OF INDEPENDENT ASSORTMENT	1	NO	NO	NO
48		JANUARY			SEX-DETERMINATION IN HUMAN AND INTRODUCTION OF EVOLUTION	1	NO	YES	NO
49		JANUARY			NATURAL SELECTION, GENETIC DRIFT, ACQUIRED AND INHERITED TRAIT	1	NO	YES	NO
50		JANUARY			ORIGIN OF LIFE ON EARTH , SPECIATION	1	NO	YES	NO
51		JANUARY			EVOLUTION AND CLASSIFICATION: HOMOLOGUS AND ANALOGUS ORGAN	1	NO	YES	NO
52		JANUARY			FOSSILS AND FOSSILIZATION	1	NO	YES	NO
53		JANUARY			EVOLUTION BY STAGE	1	NO	YES	NO
54		JANUARY			HUMAN EVOLUTION	1	NO	YES	NO
55	SCIENCE-NCERT	FEBRUARY	15	OUR ENVIRONMENT	ECOLOGY: ECOSYSTEM AND COMPONENT	1	NO	YES	NO

56		FEBRUARY			FOOD CHAIN, FOOD WEB, ENERGY FLOW IN AN ECOSYSTEM	1	NO	YES	NO
57		FEBRUARY			OZONE LAYER DEPLETION	1	NO	YES	NO
58		FEBRUARY			WASTE AND ITS MANAGEMENT	1	NO	YES	NO
PRE-BOARD ASSESSMENT									