

SYLLABUS BIFURCATION

ENGLISH CLASS-X

<u>DATE</u>	<u>BOOK NAME</u>	<u>CHAPTER NAME</u>
APRIL		
1 ST -8 TH APR	FIRST FLIGHT (PROSE)	A LETTER TO GOD
	GRAMMAR	TENSES
10 TH – 15 TH APR	FIRST FLIGHT (PROSE)	NELSON MANDELA LONG WALK TO FREEDOM
	GRAMMAR	TENSE
17 TH -22 ND APR	FOOT PRINT (SUPP. R)	A TRIUMPH OF SURGERY
	GRAMMAR	FORMAL LETTER TO DITOR
22 ND -30 TH APR	FOOT PRINT (SUPP. R)	THE THIEF’S STORY
MAY		
1 ST – 6 TH MAY	FIRST FLIGHT (POETRY)	DUST OF SNOW
	GRAMMAR	LETTER TO EDITOR
8 TH - 13 TH MAY	FIRST FLIGHT (POETRY)	FIRE AND ICE
	GRAMMAR	LETTER TO COMPLAIN
15 TH - 20 TH MAY	FIRST FLIGHT (PROSE)	TWO STORIES ABOUT FLYING –I
	GRAMMAR	ANLYTICAL PARAGRAPH
22 ND – 27 TH MAY	FOOT PRINT (SUPP. R)	THE MIDNIGHT VISITOR
	GRAMMAR	ANLYTICAL PARAGRAPH
1 ST – 8 TH JULY	FOOTPRINT(SUPP. R)	A QUESTION OF TRUST
	GRAMMAR	DETERMINERS
10 TH - 15 TH JULY	FIRST FLIGHT (PROSE)	THE BLACK AEROPLANE

	GRAMMAR	DETERMINERS
17 TH – 22 ND JULY	FIRST FLIGHT (POETRY)	A TIGER IN THE ZOO
	GRAMMAR	DETERMINERS
1 ST – 12 AUG	FIRST FLIGHT (PROSE)	FROM THE DIARY OF ANNE FRANK
	POETRY	HOW TO TELL WILD ANIMALS, BALL POEM
	GRAMMAR	DETERMINERS, MODALS
14 TH – 19 TH AUG	FOOTPRINT(SUPP. R)	FOOTPRINT WITHOUT FEET
	FIRST FLIGHT (PROSE)	GLIMPSES OF INDIA
	GRAMMAR	DIRECT AND INDIRECT
SEPTEMBER	REVISION OF HALF YEARLY EXAM	
16 TH – 21 ST OCT	FIRST FLIGHT (POETRY)	AMANDA
	FIRST FLIGHT (PROSE)	MIJBIL THE OTTER
	FOOT PRINT (SUPP. R)	THE MAKING OF SCIENTIST
	GRAMMAR	DIRECT – INDIRECT
25 TH -31 ST OCT	FIRST FLIGHT (PROSE)	MADAM RIDES THE BUS
	FIRST FLIGHT (POETRY)	THE TREES
	FOOT PRINT (SUPP. R)	THE NECKLACE
	GRAMMAR	SENTENCE TRANSFORMATION
1 ST -9 TH NOV	FIRST FLIGHT (PROSE)	THE SERMON AT BENARES
	FIRST FLIGHT (POETRY)	TALE OF CUSTRAD THE DRAGON
	FOOT PRINT (SUPP. R)	BHOLI
16 TH – 25 TH NOV	FIRST FLIGHT (PROSE)	THE PROPOSAL
	FIRST FLIGHT	FOR ANNE GREGORY

	(POETRY)	
	FOOT PRINT (SUPP. R)	THE BOOK THAT SAVED THE EARTH

SYLLABUS BIFURCATION
MATHEMATICS – CLASS- X

DATE (MONTH)	CHAPTER (TOPIC)	ACTIVITY
<u>APRIL</u> (01/04/23-08/04/23)	CH-1 REAL NUMBERS (INTRODUCTION) EX-1.1, EX-1.2, EX-1.3 & EX-1.4	EUCLID'S DIVISION LEMMA
(09/04/23-17/04/23)	CH-2 POLYNOMIALS (INTRODUCTION) EX-2.1, EX-2.2, EX-2.3, EX-2.4	
(18/04/23-25/04/23)	CH-3 PAIR OF LINEAR EQUATIONS IN TWO VARIABLES (INTRODUCTION) EX-3.1, EX-3.2, EX-3.3	GRAPHICAL EXPLORATION OF THE ZEROES OF A QUADRATIC POLYNOMIAL
(26/04/23-30/04/23)	EX-3.4, EX-3.5, EX-3.6 & 3.7	TO OBTAIN THE CONDITIONS FOR CONSISTENCY OF A SYSTEM OF LINEAR EQUATIONS IN TWO VARIABLES.
<u>May</u> (01/05/23-08/05/23)	CH-4 ARITHMETIC PROGRESSIONS (INTRODUCTION) EX-4.1, EX-4.2	
(09/05/23-16/05/23)	EX-4.3 & EX-4.4	
(17/05/23-24/05/23)	CH-5 ARITHMETIC PROGRESSIONS (INTRODUCTION) EX-5.1, EX-5.2	TO VERIFY THALES THEOREM
(25/05/23-30/05/23)	EX-5.3, EX-5.4	

<u>JULY</u> (01/07/23- 08/07/23)	CH-6 TRIANGLES (INTRODUCTION) EX-6.1 THEOREM-6.1 & 6.2 EX-6.2 THEOREM-6.3 & 6.4	TO KNOW THE CIRCUMCENTRE OF DIFFERENT TYPES OF TRIANGLES
(09/07/23- 16/07/23)	EX-6.3, EX-6.4, EX-6.5	
(17/07/23- 24/07/23)	THEOREM-6.5,6.6 EX-6.6	
(25/07/23- 31/07/23)	CH-7 COORDINATE GEOMETRY (INTRODUCTION) EX-7.1, EX-7.2	
<u>AUGUST</u> (01/08/23- 08/08/23)	EX-7.3, EX-7.2	
(09/08/23- 16/08/23)	CH-8 INTRODUCTION TO TRIGONOMETRY EX-8.1, EX-8.2	
(17/08/23- 24/08/23)	EX-8.3, EX-8.4	
(25/08/23- 31/08/23)	CH-9 SOME APPLICATIONS OF TRIGONOMETRY EX-9.1	
<u>SEPTEMBER</u> (01/09/23- 08/09/23)	REVISION	
(17/09/23- 24/09/23)	CH-12 AREAS RELATED TO CIRCLES (INTRODUCTION) EX-12.1 , EX-12.2	
(25/09/23- 30/09/23)	EX-12.3	
<u>OCTOBER</u> (01/10/23-	CH-13 SURFACE AREAS AND VOLUME(INTRODUCTION)	TO VERIFY THE SUM OF FIRST N

08/10/23)	EX-13.1, EX-13.2	NATURAL NUMERS
(09/10/23- 16/10/23)	EX-13.3, EX-13.4	
(17/10/23- 24/10/23)	EX-13.5	
(25/10/23- 31/10/23)	CH-14 STATISTICS (INTRODUCTION) EX-14.1	
(01/11/23- 08/11/23)	EX-14.2, EX-14.3	
(09/11/23- 16/11/23)	EX-14.4	TO KNOW THE MEDIAN OF A GIVEN FREQUENCY DISTRIBUTION
(17/11/23- 24/11/23)	CH-15 PROBABILITY (INTRODUCTION) EX-15.1	
(25/11/23- 30/11/23)	EX-15.2 (OPTIONAL) CH-10 CIRCLES EX-10.1, 10.2 THEOREM-10.1, 10.2	
	PT-1 EXAM SYLLABUS CH-1 & CH-2	
	HALF YEARLY EXAM SYLLABUS CH-1 TO CH-8	
	PT-II EXAM SYLLABUS CH-7 & CH-7	
	ANNUAL EXAM SYLLABUS CH-1 T CH-15	

SYLLABUS BIFURCATION
CHEMISTRY CLASS- X

<u>DATE</u>	<u>CHAPTER/ TOPIC</u>	<u>ACTIVITY</u>
<u>MONTH-</u> <u>APRIL</u>	CH-1 CHEMICAL REACTIONS	
01/04-08/04	DEFINATION AND WRITING EQUATIONS	A) IRON NAILS WITH CuSO_4
10/04-15/04	BALANCING OF CHEMICAL EQUATIO	B) FORMATION OF Ca(OH)_2
17/04-22/04	TYPES OF CHEMICAL REACTIONS	C) PRECIPITATION RXN.
24/04-29/04	TYPES CONTD. , CORRORION	
<u>MONTH –</u> <u>MAY</u>	CH-2 ACID BASIS AND SALTS	
01/05-06/05	DEFINATION OF ACID AND BASE	A) RXN. OF ZINC GRANUALES WITH DIL. H_2SO_4
08/05-13/05	CHEMICAL AND PHY. PROPERTIES	B) PASSING CO_2 THROUGH LIME WATER .
15/05-20/05	CHEMICAL PROPERTIES OF ACID CONTD.	
22/05-27/05	TYPES OF ACIDS AND BASES	
<u>MONTH-</u> <u>JULY</u>	CH-2 ACID, BASES AND SALTS	
01/07-08/07	DEFINATION AND IMPORTANCE OF PH	A) MEASURING PH OF DIFFERENT SOLUTION.
10/07-15/07	SALTS DEFINATION AND TYPES	B) CHECKING SOLUBILITY OF DIFFERENT SALTS
17/07-22/07	PROPERTIES OF SALTS	

24/07-31/07	SOME COMMON SALTS	
<u>MONTH- AUGUST</u>	CH-3 METALS AND NON- METALS	
01/08-08/08	DEFINATION AND PHYSICAL PROPERTIES	DISPLACEMENT OF LESS REACTIVE METAL BY MORE REACTIVE METAL
10/08-16/08	CHEMICAL PROPERTIES OF METALS	
18/08-23/08	IONIC BOND – FORMATION, PROPERTIES	
25/08-30/08	EXTRACTION OF METALS	
<u>MONTH- SEPTEMBER</u>		
04/09-09/09	REVISION OF CH-1	PRACTICE OF BOARD
11/09-16/09	REVISION OF CH-2	PRACTICLES
	PT-1 SYLLABUS	CH-1 CHEMICAL EQUATIONS AND REACTIONS
		CH-2 ACIDS, BASES AND SALTS
	HALF- YEARLY	CH-1, 2,3
<u>MONTH- OCTOBER</u>	CH-4 CARBON AND ITS COMP.	
2/10-7/10	BONDING IN CARBON COMPOUNDS	MAKE A 3D MODEL OF STR. OF GRAPHITE AND CARBON.
9/10-14/10	COVALENT BOND AND ALLOTROPY	
16/10-21/10	TYPES OF ORGANIC COMPOUNDS	

23/10-28/10	NOMENCLATURE OF CARBON COMPOUND	
<u>MONTH- NOVEMBER</u>		
1/11-4/11	CHEMICAL PROPERTIES OF CARBON	DEMONSTRATION OF CLEANSING ACTION OF SAOP
6/11-11/11	SOME IMP. ORGANIC COMP.	
13/11-18/11	SOME IMP. ORGANIC COMP.	
20/11-30/11	NCERT EXERCISES AND PREVIOUS YEARS QUESTIONS	
	PT-II	CH-3 METALS AND NON- METALS
		CH-4 CARBON AND COMPOUNDS
	ANNUAL EXAM	COMPLETE SYLLABUS

SYLLABUS BIFURCATION

PHYSICS CLASS-X

<u>DATE</u>	<u>CHAPTERS</u>	<u>TOPICS</u>	<u>ACTIVITY</u>
APRIL			
1/04- 8/04	CH-12 ELECTRICITY	A) ELECTRIC CHARGE AND PROPERTIES	INTRODUCE STUDENTS WITH VARIOUS DEVICES LIKE AMMETER AND VOLTMETER AND MAKING THEM ABLE TO READ THE READINGS OF THESE DEVICES.
10/4- 15/04		B) ELECTRIC POTENTIAL AND POTENTIAL DIFFERENCE	VERIFICATION OF OHM'S LAW
17-04- 22/04		C) ELECTRIC CURRENT	
24/04- 29/04		D) OHM'S LAW AND CONCEPT OF RESISTANCE	
MAY			
01/05- 06/05	CH-12 ELECTRICITY	E) FACTORS AFFECTIVE RESISTANCE	RECORDING THE TEMPERATURE OF WIRE USING THERMOMETER FOR VARIOUS VALUES OF CURRENT IN WIRE.

08/05-13/05		F) GROUPING OF RESISTANCE	
15/05-20/05		G) NUMERICALS AND ADVANTAGES OF PARALLEL COMBINATION	
22/05-27/05		H) POWER AND HEATING EFFECTS OF ELECTRIC CURRENT .	
JULY			
01/07-08/07	CH-10 LIGHT REFLECTION AND REFRACTION	A) INTRODUCTION TO NATURE OF LIGHT AND REFLECTION PHENOMENON.	SHOW REFLECTION OF LIGHT USING PLANE, CONCAVE AND CONVEX MIRROR .
		B) LAWS OF REFLECTION	SHOW LAW OF REFLECTION AND VERIFY IT BY TAKING VARIOUS MEASUREMENT .
10/07-15/07		C) TYPES OF REFLECTING SURFACE (PLANE; CONCAVE AND CONVEX).	
		D) USES OF VARIOUS MIRRORS	
17/07-22/07		E) IMAGE FORMATION BY PLANE MIRROR	

		AND ITS PROPERTIES	
24/07-31/07		F) VARIOUS DEFINITIONS REGARDING CONCAVE AND CONVEX MIRROR	
		G) RAY DIAGRAMS FOR VARIOUS CASES.	
AUGUST			
01/08-08/08	CH-10 LIGHT REFLECTION AND REFRACTION	E) NUMERICAL BASED ON CONCAVE / CONVEX MIRROR IMAGE FORMATION	LEARNING REFRACTION PHENOMENON BY SEEING THE BENDING OF LIGHT THROUGH VARIOUS MEDIA LIKE WATER, OIL ETC.
10/08-16/08		F) CONCEPT OF MAGNIFICATION WITH NUMERICALS.	
18/08-23/08		G) INTRODUCTION WITH REFRACTION PHENOMENON AND CONCEPT OF RARER AND DENSER MEDIUM	VERYFYING LAWS OF REFRACTION BY REFRACTION EXPERION APPRATUS .
25/08-30/08		H) LAWS OF REFRACTION	
		I) CONCEPT OF REFRACTIVE INDEX AND NUMERICALS .	
SEPT.			

01/09-08/09	CH-10 LIGHT REFLECTION AND REFRACTION	J) REFRACTION THROUGH LENSES (CONCAVE AND CONVEX)	
10/09-16/09		K) RAY DIAGRAMS FOR VARIOUS CASES .	
18/09-23/09		L) NUMERICALS BASED ON REFRACTION THROUGH LENSES	
25/09-30/09		M) ATMOSPHERIC REFRACTION AND APPLICATION	
OCT.			
1/10-08/10	CH-13 MAGNETIC EFFECTS OF ELECTRIC CURRENT	A) INTRODUCTION TO MAGNETS AND ITS TYPES	FORMATION OF MAGNETIC FIELD LINES USING IRON POWDER ON MAGNET
10/10-16/10	.	B) MAGNETIC FIELD AND MAGNETIC FIELD LINES AND ITS PROPERTIES.	PERFORMING KICKING WERE EXPERIMENT TO SHOW FORCES ACTING ON CURRENT CARRYING WIRE PLACED IN EXTERNAL MAGNETIC FIELD.
18/10-23/10		C) MAGNETIC FIELD PATTERN FOR	

		STRAIGHT CURRENT CARRYING CONDUCTORS.	
		D) MAGNETIC FIELD PATTERN FOR CURRENT CARRYING LOOP .	
25/10-30/10		E) FORCE ACTING ON CURRENT CARRYING WIRE PLACED IN MAGNETIC FIELD .	
		F) FLEMMING LEFT AND RIGHT HAND RULE	
<u>NOV.</u>			
1/11-8/11	CH-13 MAGNETIC EFFECTS OF ELECTRIC CURRENT	G) TYPES OF MAGNET : PERMANENT AND TEMPORARY MAGNET	
10/11-16/11	CH-11 HUMAN EYE AND COLOURFUL WORLD	A) INTRODUCTION TO HUMAN EYE DIAGRAM AND VARIOUS PARTS AND THEIR WORKING	SHOW DISPERSION OF LIGHT THROUGH PRISM.
18/10-30/10		B) POWER OF ACCOMODATION AND DEFECTS OF VISION AND THEIR CORRECTION	SHOWING TYNDALL EFFECT OF LIGHT BY MIXING SOUND IN WATER .
1/12-10/12		C) REFRACTION THROUGH PRISM	

		DISPERSION AND SCATTERING OF LIGHT.	
--	--	--	--

SYLLABUS BIFURCATION

CLASS-X BIOLOGY

<u>DATE</u>	<u>LESSON NAME</u>	<u>ACTIVITY</u>
3 RD APR- 22 ND JULY	CH-1 LIFE PROCESSES	TO SHOW THAT SUNLIGHT IS NECESSARY FOR PHOTOSYNTHESIS .
		TO SHOW THAT CO ₂ IS PRODUCED DURING RESPIRATION.
23 RD JULY – 10 TH SEPT	CH-2 CONTROL AND CO-ORDINATION	TO SHOW THE DIFFERENT TROPIC MOVEMENT OF PLANT .
2 ND OCT – 31 ST OCT	CH-3 HOW DO ORGANISMS REPRODUCE	GROWING DIFFERENT PLANTS FROM DIFFERENT PARTS .
1 ST NOV- 30 TH NOV	CH-4 HEREDITY AND EVOLUTION	SHOWING MONOHYBRID AND DIHYBRID CROSSES.
1 ST DEC- 30 TH DEC	CH-5 OUR ENVIRONMENT	TO SHOW THAT PAPER IS BIO-DEGRADABLE BUT PLASTIC IS NON-BIO-DEGRADABLE

SYLLABUS BIFURCATION

S.ST CLASS- X

<u>MONTH</u>	<u>DATE</u>	<u>NAME OF CHAPTER</u>	<u>ACTIVITY</u>
		<u>HISTORY</u>	
APRIL	1-8	CH-1 RISE OF NATIONALISM IN EUROPE	MARK EUROPEAN COUNTRIES.
	10-15	CH-1 RISE OF NATIONALISM IN EUROPE	
		<u>GEOGRAPHY</u>	
	17-22	CH-1 RESOURCES AND DEVELOPMENT	CLASSIFY N.R. IN YOUR AREA .
	24-29	CH-1 RESOURCES AND DEVELOPMENT	
		<u>POLITICAL SCIENCE</u>	
MAY	1-6	CH-1 POWER SHARING	MARK BELGIUM & SRI LANKA IN MAP
	8-13	CH-1 POWER SHARING	
		<u>ECONOMICS</u>	
	15-20	CH-1 DEVELOPMENT	WRITE ABOUT SAROVOR DAM
	22-27	CH-1 DEVELOPMENT	
		<u>HISORY</u>	
JULY	1-8	CH-2 NATIONALISM IN INDIA	MARK PLACES RELATED TO REVOLVE OF INDIA
	10-15	CH-2 NATIONALISM IN INDIA	
		<u>GEOGRAPHY</u>	
	17-22	CH-2 WATER RESOURCES	MULTIPURPOSE PROJECT OF INDIA

	24-31	CH-3 AGRICULTURE	
		<u>POLITICAL SCIENCE</u>	
AUGUST	1-5	CH-2 FEDERALISM	MARK FEDERAL COUNTRIES OF THE WORLD
	7-12	CH-4 GENDER RELIGION	
		<u>ECONOMICS</u>	
	14-19	CH-2 SECTORS OF INDIAN ECONOMY	
	21-26	CH-2 SECTORS OF INDIAN ECONOMY	
		<u>HISTORY</u>	
	28-31	CH-5 THE MAKING OF A GLOBAL WORLD	WRITE THE BENEFITS OF GLOBALISATION
SEPTEMBER		REVISION	
OCTOBER		<u>ECONOMICS</u>	
	2-7	CH-3 MONEY AND CREDIT	
		POLITICAL SCIENCE	
	9-14	CH-5 POLITICAL PARTIES	WRITE NATIONAL AND STATE PARTIES
	16-21	CH-4 GLOBALIZATION AND THE INDIAN ECO.	EFFECT OF GLOBALIZATION IN INDIA
	23-28	CH-6 OUTCOMES OF DEMOCRACY	
		<u>HISTORY</u>	
	30-31	AGE OF INDUSTRIALIZATION	
		<u>HISTORY</u>	
NOVEMBER	1-4	CH-4 AGE OF INDUSTRIALIZATION	

		<u>GEOGRAPHY</u>	
	6-11	CH-7 LIFELINE OF INDIAN ECONOMY	MARK INTERNATIONAL AIRPORT & SECURE PART OF INDIA
	13-18	CH-4 AGRICULTURE	
	20-25	CH-5 MINERALS & ENERGY RESOURCES	WRITE ABOUT ORES OF IRON & COAL
	27-30	CH-6 MANUFACTURING INDUSTRIES	