

SYLLABUS BIFURCATION

ENGLISH CLASS-IX

<u>DATE</u>	<u>BOOK NAME</u>	<u>CHAPTER NAME</u>
APRIL 1 ST APR - 8 TH APR	BEEHIVE	CH-1 THE FUN THEY HAD
	GRAMMAR	DETERMINERS
10 TH APR - 15 TH APR	MOMENTS	CH-1 THE LOST CHILD
	GRAMMAR	MODALS, PREPOSITION
17 TH APR - 22 ND APR	BEEHIVE	CH-2 THE SOUND OF MUSIC
	GRAMMAR	CLAUSES
24 TH APR – 30 TH APR	MOMENTS	CH-2 THE ADVENTURES OF TOTO
	GRAMMAR	SUBJECT-VERB AGREEMENT
May 1 ST MAY – 6 TH MAY	BEEHIVE	POEM-1 THE ROAD NOT TAKEN POEM-2 WIND
	GRAMMAR	SUBJECT-VERB AGREEMENT
8 TH MAY - 13 TH MAY	MOMENTS	CH-3 ISWARN THE STORY TELLER
	GRAMMAR	NARRATION
15 TH MAY – 20 TH MAY	BEEHIVE	POEM-3 RAIN ON THE ROOF
	GRAMMAR	NARRATION
22 ND MAY 0 27 TH MAY	MOMENTS	CH-4 IN THE KINGDOM OF FOOLS
	GRAMMAR	ACTIVE- PASSIVE
JULY 1 ST JULY - 8 TH JULY	BEEHIVE	CH-3 THE LITTLE GIRL
	GRAMMAR	TENSE
10 TH JULY - 15 TH JULY	BEEHIVE	CH-4 A TRULY BEAUTIFUL MIND
	GRAMMAR	TENSE
17 TH JULY - 22 ND	MOMENTS	CH-5 THE HAPPY PRINCE

JULY		
	GRAMMAR	DIARY ENTRY
AUGUST 1 ST AUG – 12 TH AUG	BEEHIVE	CH-5 THE SNAKE AND THE MIRROR
	GRAMMAR	STORY WRITING
	BEEHIVE	CH-6 MY CHILDHOOD
14 TH AUG – 19 TH AUG	BEEHIVE	POEM-4 THE LAKE OF INNISFREE
	BEEHIVE	POEM-5 A LEGEND OF NORTHLAND
SEPTEMBER	REVISION & HALF YEARLY EXAMINATION	
16 TH OCT-21 ST OCT	BEEHIVE	CH-7 PACKING
		POEM-6 NO MEN ARE FOREIGN
25 TH OCT-31 ST OCT	MOMENTS	CH-6 WEATHERING THE STORM IN ERASMA
		CH-7 THE LAST LEAF
	BEEHIVE	POEM-7 THE DUCK AND THE KANGAROO
1 ST NOV-9 TH NOV	BEEHIVE	CH-8 REACH FOR THE TOP
		POEM-8 ON KILLING A TREE
	MOMENTS	CH-8 A HOUSE IS NOT A HOME
16 TH NOV- 25 TH NOV	BEEHIVE	CH-9 THE BOND OF LOVE
		POEM-9 THE SNAKE TRYING
	MOMENTS	CH-9 THE ACCIDENTAL TOURIST
27 TH NOV-2 ND DEC	BEEHIVE	CH-10 KATHMANDU
		CH-11 IF I WERE YOU
4 TH DEC- ONWARDS	BEEHIVE	POEM-10 A SLUMBER DID MY SPRIT SEAL
	MOMENTS	CH-10 THE BEGGAR & REVISION

SYLLABUS BIFURCATION
MATHEMATICS – CLASS- IX

DATE (MONTH)	CHAPTER (TOPIC)	ACTIVITY
<u>APRIL</u> (01/04/23- 08/04/23)	CH-1 NUMBER SYSTEM (INTRODUCTION) EX-1.1, EX-1.2, EX-1.3, EX-1.4, EX-1.5, EX-1.6	REPRESENT NUMBERS ON THE NUMBER LINE
(09/04/23- 17/04/23)	CH-2 POLYNOMIALS (INTRODUCTION) EX-2.1, EX-2.2, EX-2.3	EXPRESSED POLYNOMIALS
(18/04/23- 25/04/23)	EX-2.4 & EX-2.5	
(26/04/23- 30/04/23)	CH-3 CO-ORDINATE GEOMETRY (INTRODUCTION) EX-3.1, EX-3.2, EX-3.3	LOCATE(REPRESENT ING) COORDINATE ON THE CARTESIAN PLANE
<u>May</u> (01/05/23- 08/05/23)	CH-4 LINEAR EQUATIONS IN TWO VARIABLES (INTRODUCTION) EX-4.1 , EX-4.2	REPRESENTATION OF LINEAR EQUATION IN TWO VARIABLES
(09/05/23- 16/05/23)	EX-4.3 & EX-4.4	
(17/05/23- 24/05/23)	CH-5 INTRODUCTION TO EUCLID'S EX- 5.1	
(25/05/23- 30/05/23)	EX-5.2	
<u>JULY</u> (01/07/23- 08/07/23)	CH-6 LINES AND ANGLES(INTRODUCTION) THEOREM 6.1 EX-6.1, EX-6.2	

(09/07/23-16/07/23)	THEOREM 6.2, EX- 6.3, EX-6.4, EX-6.5	
(17/07/23-24/07/23)	THEOREM 6.6 EX-6.3	
(25/07/23-31/07/23)	CH-7 TRIANGLES (INTRODUCTION) THEOREM-7.1, EX-7.1 , THEOREM-7.2 , THEOREM-7.3, THEOREM- 7.4	CONGRUENCY OF TWO TRAIANGLES
<u>AUGUST</u> (01/08/23-08/08/23)	EX-7.2, EX-7.3 , THEOREM- 7.5,THEOREM-7.6, THEOREM- 7.7, THEOREM-7.8, EX-7.4	
(09/08/23-16/08/23)	CH-8 QUADRILATERALS (INTRODUCTION) THEOREM- 8.1, THEOREM-8.2, THEOREM- 8.3, THEOREM-8.4, THEOREM- 8.5, THEOREM-8.6, THEOREM- 8.7, THEOREM-8.8 EX-8.1	POLYGON
(17/08/23-24/08/23)	THEOREM- 8.9,8.10 EX-8.2	
(25/08/23-31/08/23)	CH-9 AREA OF PARALLELOGRAM & TRIANGLES (INTRODUCTION) EX-9.1 THEOREM-9.1 EX-9.2, EX-9.3	
<u>SEPTEMBER</u> (01/09/23-08/09/23)	THEOREM-9.2, EX-9.3, EX-9.4 CH-10 CIRCLES (INTRODUCTION) EX-10.1 & EX-10.2	

(09/09/23-16/09/23)	REVISION	
(17/09/23-24/09/23)	THEOREM-10.2,10.3,10.4, & 10.5 EX-10.3,10.4 10.5	FIND THE CIRCUMFERENCE OF CIRCLE
(25/09/23-30/09/23)	THEOREM-10.6,10.7,10.8,10.9,10.10, 10.11, 10.12 EX-10.6	
<u>OCTOBER</u> (01/10/23-08/10/23)	CH-11 CONSTRUCTION(INTRODUCTION) EX-11.1 & EX-11.2	
(09/10/23-16/10/23)	CH-12 HERON'S FORMULA(INRODUCTION) EX-12.1 , EX-12.2	
(17/10/23-24/10/23)	CH-13 SURFACE AREA & VOLUMES (INTRODUCTION) EX-13.1, EX-13.2, EX-13.3	HOW TO FIND CSA AND TSA OF SOLID
(25/10/23-31/10/23)	EX-13.4, EX-13.5, EX-13.6	
<u>NOVEMBER</u> (01/11/23-08/11/23)	EX-13.7, EX-13.8, EX-13.9	
(09/11/23-16/11/23)	CH-14 STATISTICS (INTRODUCTION) EX-14.1, EX-14.2	REPRESENTATION OF THE DATA ON THE GRAPH
(17/11/23-24/11/23)	EX-14.3, EX-14.4	
(25/11/23-30/11/23)	CH-15 PROBABILITY EX- 15, EX-10.3, EX-10.4, EX-	

	10.5 , EX-10.6 THEOREMS	
	PT-1 EXAM SYLLABUS CH-1 AND CH-2	
	HALF- YEARLY EXAM SYLLABUS CH- 1 TO CH-8	
	PT-I EXAM SYLLABUS CH-6 AND CH-7	
	ANNUAL EXAM SYLLABUS CH-1 TO CH-15	

SYLLABUS BIFURCATION
PHYSICS CLASS- IX

<u>DATE</u>	<u>CHAPTER</u>	<u>TOPICS</u>	<u>ACTIVITY</u>
<u>APRIL</u>			
1/04- 8/04	CH-8 MOTION	CONCEPT OF REST AND MOTION	ESTIMATE THE DISTNACE OF BUS STOP OR SCHOOL , IF WE CONSIDER THAT YOUR AVERAGE WALKING SPEED IS 4 KM/ HR .
10/04- 15/04		CONCEPT OF DISTANCE AND DISPLACEMENT	
17/04- 22/04		CONCEPT OF SPEED AND VELOCITY	
24/04- 29/04		CONCEPT OF TYPES OF SPEED AND VELOCITY	
<u>MAY</u>			
01/05- 06/05	CH-8 MOTION	CONCEPT OF ACCELARATION	IN EVERYDAY LIFE WE COME ACROSS A RANGE OF MOTION IN WHICH -
08/05- 13/05		EQUATION OF ACCELARATION	ACCELARATION IS IN DIRECTION OF MOTION .
15/05- 20/05		GRAPHS OF ACCELARTED MOTION	ACCELARATION IS AGAINST DIRECTION OF

			MOTION . IDENTIFY BOTH CASES
22/05- 27/05		UNIFORM CIRCULAR MOTION	
<u>JULY</u>			.
01/07- 08/07	CH-9 FORCE AND LAWS OF MOTION	CONCEPT OF FORCE AND ITS TYPES	MAKE PILE OF SIMILAR COROM COINS ON TABLE
10/07- 15/07		NEWTON'S LAWS OF MOTION	ATTEMPT SHARP HORIZONTAL HIT AT BOTTOM OF PILE, DUE TO HARD HIT THE BOTTOM COIN WILL REMOVED AS THE LOWEST COIN IS REMOVED THE INERTIA OF OTHER COINS WILL KAE THEM FALL VERTICALLY ON TABLE.
17/07- 22/07		CONCEPT OF MOMENTUM	
24/07- 29/07		NUMERICALS	
<u>AUGUST</u>			

1/08-8/08	CH-10 GRAVITATION	CONCEPT OF GRAVITATION FORCE	TAKE A SMALL STONE THROW IT UPWARDS AND IT REACHES TO CERTAIN HEIGHT THEN IT STARTS FALLING DOWN, OBSERVE THE PHENOMENON AND REASON BEHIND IT.
10/08- 15/08		UNIVERSAL LAW OF GRAVITATION	TAKE A BEAKER FILLED WITH WATER TAKE IRON, NAIL, CORK, ICE ON SURFACE OF WATER . NOW OBSERVE WHAT HAPPENS.
17/08- 22/08		CONCEPT OF FREE FALL .	
24/08- 29/08		ACCELERATION DUE TO GRAVITY	
1/09-8/09		CONCEPT OF THRUST AND PRESSURE	
10/9-22/09		CONCEPT OF BUOYANCY & BUOYANT	
22/09-		ARCHIMEDES	

29/09		PRINCIPLE OF FORCE	
<u>OCTOBER</u>			
1/10-08/10	CH-11 WORK AND ENERGY	INTRODUCTION TO CONCEPT OF WORK	FROM OUR DAY TO DAY LIFE ACTIVITIES ASK THE FOLLOWING QUESTION AND ANSWER -
08/10-22/09		CONCEPT OF ENERGY AND FORMS OF ENERGY	WHAT IS THE WORK THEM BEING DONE ?
22/09-29/09		LAW OF CONSERVATION OF ENERGY	WHAT IS DOING WORK ?
<u>NOVEMBER</u>			
1/11-8/11	CH-12 SOUND	TYPES OF WAVE AND WAVE INTRODUCTION	HEAR ALL THE INSTRUMENT PRESENT IN YOUR MUSIC ROOM LIKE GUITAR, TABLA, DRUM, FLUTE AND RECOGNISE BY YOURSELF WHICH INSTRUMENT HAS THE HIGHEST AND WHICH INSTRUMENT

			HAS THE LOWEST PITCH.
8/11-15/11		INTRODUCTION TO SOUND WAVE AND ITS PROPERTIES	
17/11- 22/11		CHARACTERISTICS OF SOUND WAVE	
22/11- 29/11	FACTORS AFFECTING SPEED OF SOUND AND REFLECTION OF SOUND		
<u>DECEMBER</u>			
1/12-8/12	CH-12 SOUND	RANGE OF SOUND AND APPL OF ULTRASOUND	
8/12-15/12		SONAR AND STRUCTURE OF HUMAN EAR .	

SYLLABUS BIFURCATION
CHEMISTRY AND BIOLOGY CLASS- IX

<u>DATE</u>	<u>TOPIC</u>	<u>ACTIVITY</u>
<u>MONTH –</u> <u>APRIL</u>	CH-1 CHEMISTRY	
01/04-08/04	A) PHYSICAL NATURE OF MATTER	A) ESTIMATION OF SIZE PARTICLES OF MATTER USING KMnO_4
10/04- 15/04	B) PROPERTIES OF MATTER	B) SUBLIMATION OF NH_4Cl
17/04-22/04	C) STATES OF MATTER	
24/04-29/04	D) EVAPORATION	
<u>MONTH-</u> <u>MAY</u>	CH-5 BIOLOGY	
01/05-06/05	STRUCTURE OF CELL MEMBRANE	STRUCTURE OF CELLS OF ONION PEEL UNDER SIMPLE MICROSCOPE
08/05-13/05	OSMOSIS	
15/05-20/05	CELL ORGANELLES	
22/05-27/05	CELL ORGANELLES CONTD.	
<u>MONTH-</u> <u>JULY</u>	CH-2 CHEMISTRY	
01/07-08/07	MIXTURES AND THEIR TYPES	A) TYPES OF MIXTURES
10/07-15/07	SEPARATION OF COMPONENTS	B) DISTILLATION OF ACETONE AND WATER MIXTURE
	CH-6 BIOLOGY	

17/07-22/07	PLANT TISSUES AND TYPES	GROWTH OF ROOTS IN ONION BULB
24/07-31/07	ANIMAL TISSUES AND TYPES	
<u>MONTH – AUGUST</u>	CH-3 CHEMISTRY	
01/08-08/08	LAWS OF CHEMICAL COMBINATION	A) DEMONSTRATION OF LAW OF CONSERVATION OF MASS, USING CuSO_4 , Na_2CO_3
10/08-16/08	BASIC DEFINITION OF ATOMS	B) UNDERSTANDING CONCEPT OF MASS
18/08-23/08	WRITING CHEMICAL FORMULA	
25/08-30/08	MOLE CONCEPT	
<u>MONTH- SEPTEMBER</u>		
04/09- 09/09	REVISION OF CHEMISTRY	
11/09-16/09	REVISION OF BIOLOGY	
	PT-1 SYLLABUS	
	CHEMISTRY	CH-1 MATTER IN OUR SURROUNDINGS
	BIOLOGY	CH-5 CELL- STRUCTURE AND FUNCTIONS
	HALF YEARLY SYLLABUS	
	CHEMISTRY	CH-1,2,3
	BIOLOGY	CH-5,6
<u>MONTH – OCTOBER</u>	CH-4 CHEMISTRY	
02/10-7/10	INITIAL MODEL OF ATOM	MAKE A STATIC MODEL OF ATOM DISPLAYING ELECTRONS PROTONS,.

9/10-14/10	CONCEPT OF VALANCY	
16/10-21/10	ISOTOPES AND APPLIATION	
23/10-28/10	REVISION	
<u>MONTH – NOVEMBER</u>	CH-15 BIOLOGY	
1/11-4/11	IMPROVEMENT IN CROP YIELD	VISIT A YIELD AND MAKE A LIST OF FOLLOWING
6/11-11/11	CROP PRODUCTION MANAGEMANT	A) WEEDS
13/11-18/11	CROPPING PATTERN	B) INSECT PESTS
20/11-25/11	CATTLE FARMING , FISHERING	C) MAKE A SHEET OF CEREALS , PULSES.
26/11-30/11	REVISION	
	PT-II SYLLABUS	
	CHEMISTRY	CH-4 STRUCTURE OF ATOM
	BIOLOGY	CH IMPROVEMENT IN FOOD
	ANNUAL EXAM SYLLABUS	WHOLE SYLLABUS

SYLLABUS BIFURCATION

S.ST CLASS- IX

<u>MONTH</u>	<u>DATE</u>	<u>NO. OF LESSONS</u>	<u>ACTIVITY</u>
APRIL		HISTORY	
	1-8	CH-1 THE FRENCH REVOLUTION	MARK FRANCE AND NEIGHBOURING COUNTRY
	10-15	CH-1 THE FRENCH REVOLUTION	
		GEOGRAPHY	
	17-22	CH-1 INDIA AND ITS LOCATION	MARK INDIA AND NEIGHBOURING COUNTRIES
	24-29	CH-1 INDIA AND ITS LOCATION	
MAY		POLITICAL SCIENCE	
	1-6	CH-1 WHAT IS DEMOCRACY	MARK DEMOCRATIC COUNTRIES OF THE WORLD
	8-13	WHY DEMOCRACY	
		ECONOMICS	
	15-20	CH-1 THE STORY OF PALAMPUR	PASTE OR DRAW MAP OF YOUR VILLAGE ANDWRITE ECONOMIC ACTIVITIES OF IT.
JULY		HISTORY	
	1-8	CH-3 RISE OF NAZISM	

		GEOGRAPHY	
	10-15	CH-2 DRAINAGE	MARK RIVER SYSTEMS IN MAP
		HISTORY	
	17-22	FOREST SOCIETY AND COLONISM	
		POLITICAL SCIENCE	
	24-31	CONSTITUTIONAL DESIGN	WRITE PREAMBLE OF THE CONSTITUTIONS
AUGUST		POLITICAL SCIENCE	
	1-5	CONSTITUTIONAL DESIGN	
		ECONOMICS	
	7-12	CH-2 PEOPLE AS RESOURCES	POPULATION DISTRIBUTION IN INDIA
		GEOGRAPHY	
	14-19	CLIMATE	
	21-26	DISASTER MANAGEMENT	MARK EARTH EQUATOR ZONE IN INDIA
	28-31	EARTHQUAKE	
SEPTEMBER		REVISION	COLLECT FOREST PRODUCT PAST IN FILE WRITE THEIR USES.
OCTOBER		GEOGRAPHY	
	2-7	POPULATION	MARK DIFFERENT

			TYPES OF FOREST FOUND IN INDIA
	9-14	NATURAL VEGETATION	
	16-21	NATURAL VEGETATION	
		POLITICAL SCIENCE	
	23-28	CH-4 ELECTROL POLITICS	DEMOCRATIC COUNTRIES OF THE WORLD
	30-31	CH-4 ELECTROL POLITICS	
NOVEMBER		POLITICAL SCIENCE	
	1-4	CH-4 ELECTROL POLITICS	WRITE THE DEMOCRATICS OF DEMOCRACY AND SOLUTIONS
	6-11	CH-4 ELECTROL POLITICS	
		ECONOMICS	
	13-18	CH-3 POVERTY AS CHALLENGE	SOLUTIONS OF POVERTY
	20-25	CH-3 POVERTY AS CHALLENGE	
		DISASTER MANAGEMENT	
	27-30	MAN- MADE DISASTER PROBLEM	WRITE ABOUT BHOPAL GAS TRAGEDY
DECEMBER		GEOGRAPHY	
	1-8	CH-5 WILDLIFE	WRITE MEASURES TO PROTECT WILDLIFE
		POLITICAL SCIENCE	
	11-16	CH-5 INSTITUIONS IN	WRITE ABOUT

		DEMOCRACY	FUNCTIONS OF PM
	18-23	CH-6 CITIZEN'S RIGHTS	
		ECONOMICS	
	25-30	CH-4 FOOD SECURITY	