

# SYLLABUS BIFURCATION

SECTION 2025 - 2026

CLASS – IX

## Subject Science

Month/day	Chapter No. / Lesson with title	Topic	No. of periods Required
April 23	PHYSICS Ch-08 Motion	Distance , displacement, velocity, speed ,uniform and non – uniform motion along a straight line, Acceleration, distance-time and velocity-time graph fro uniform Mothion and Uniformly acceleration Motion, dereviation of equationof Motion by graphical method elementary idea of uniform circuler Motion	12
	CHEMISTRY Ch-01 Matter – Its nature and Behavior	Matter in our surroundings	8
May 15	Ch-09  Force and Law’s of Motion	Force and Motion’s Newton Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and Mass, Momentum , force and Acceleration, elementary idea of conservation of Momentum.	13
	CHEMISTRY Ch-02	Is Matter around us pure	
July 25	CHEMISTRY Ch-02	Is Matter around us pure	10
	Physics Ch-09	Force and Law’s of Motion	10
	Force and Law’s of Motion		
August 14	Revision of Ch - 9 Ch – 10 Gravitation	Gravitation (Half)	11
	CHEMISTRY Revision of ch- 1 Ch - 2	Is Matter around us pure, Matter in our surroundings	
Sep 05	Revision + Half yearly Exams CHEMISTRY Ch— 1 , 2	Revision	05
Oct 19	Ch – 10	Cooptation	10
	Ch – 11	Work and energy	06

	Chemistry Ch – 3	Atoms and molecules	10
Nov 24	Revision of ch – 10 Ch – 11	Gravitation Work and energy	06
	Chemistry Ch – 3	(Remaining ) Atoms and molecules	05
	Ch – 4	Structure of Atom	07
December	Physic CH – 12	Sound	13
	Ch - 4	(Remaining ) Structure of Atom	10
Jan	Physic CH – 12	Sound	08
	Chemistry Ch – 1, 2	Revision	12
Feb	Revision of ch - 12		
<b>PHYSICS</b> <b>PT – 1 : CH – 8</b> <b>PT – 2 : CH - 9</b>  <b>Half Yearly Exams</b> Chapter 8 – Motion Chapter 9 – Force and law of Motion Chapter 10 (half)  <b>PT –3 : CH -11</b>  <b>Annual Exam</b> All syllabus  <b>Chemistry –</b> <b>PT – 1 : CH -1</b> <b>PT –2 : CH - 2</b> <b>Half Yearly Syllabus</b> Chapter 1 – (Matter in Our Surrounding) Chapter 2 – Is Matter around us pure)  <b>PT – 3 : CH - 3</b>  <b>Annual Syllabus</b> Chapter 1 ,2 , 3 ,4			

### Subject – Biology

Month/day	Chapter No. / Lesson with title	Topic	No. of periods Required
April + May	Ch- 5	Cell: The fundamental unit of life	15

July	Ch- 6 Tissues	Tissue : Plant tissue	2
Aug	Ch- 6 Tissues	Tissue : Plant tissue	
Sept	<b>REVISION</b>		
Oct	Ch-16	Animal tissue	16
Nov + Dec	Ch – 7 Continue	Improvement in food resources	12

**Syllabus**

PT –1 Ch – 1 cell

PT – 2 CH – 2 Plant tissue

HALF YEARLY

Chapter 1, 2,( PLANT TISSUE )

**PT – 3**

**Animal Tissue**

**Annual Syllabus**

All syllabus

## Social Science

Month/day	Chapter No. / Lesson with title	Topic	No. of periods Required
April 23	Geography Ch 01	India : Size and location	7
	Civics Ch 01	What is Democracy ? Why Democracy ?	8
	Economics Ch 01	The story of village palampur ( Only for P.T )	8
May 15	History Ch- 05	Pastoralists in the Modern World. ( Only for P.T )	15
July 20 day	History Ch- 01	The French Revolution	5
	Geography Ch- 02	Physical features of India, Drainage	5
	Civics Ch 02	Constitutional Design	5
	Economics Ch-2,	People as Resources	5
Aug 23day	History Ch-2	Socialism in Europe and the Russian Revolution	8
	Geography Ch-3	Drainage	8

	Civics Ch-3	Electoral Politics	7
Sep 05	Revision of all chapters Half yearly Exam		
Oct 20 day	Geography Chapter 04	Climate	7
	Civics Ch-03	Working of Institution.	7
	Economics Ch-3	Poverty as a challenge	6
Nov 24 Day	History Ch-3	Nazism and the rise of Hitler	08
	Geography Ch-5	Natural vegetation and wildlife. ( Only for Map )	08 08
Dec 25	Geography Chapter 06	Population	10
	Civics Ch-05	Democratic Rights	15
Jan 23	Economics Ch-4	Food Security in India.	23
Feb 12	REVISION		
<b>Syllabus of periodic of Test - I</b> <b>History</b> – Chapter 5 Geography – Chapter 1 Civics – Chapter 1 Economics ch 01 <b>Syllabus of periodic of Test - II</b> <b>History</b> – Chapter 1 Geography – Chapter 2 Civics – Chapter 2 Economics ch 02  <b>Syllabus of half yearly</b> <b>History</b> – Chapter 1 Geography – Chapter 1 , 2,3 Civics – Chapter 1 2 3 Economics ch 02  <b>Syllabus of periodic of Test - III</b> <b>History</b> – Chapter 2 Geography – Chapter 4 Civics – Chapter 4 Economics ch 03  <b>Annual Examination</b> All Syllabus			

# English

Month/day	Chapter No. / Lesson with title	Topic	No. of periods Required
April 23	Beehive ch-1	The Fun They Had	3
	Ch-2 Poem	Sound of Music	4
	Moments		
	ch-1	The Road Not Taken	3
	CH - 2	The Lost Child	4
	Grammar	Tense	5
May 25	Writing skill	Diary Entry	4
	Beehive ch-3	The Little Girl	5
	Poem	Wind	4
	Moments ch-2	The Adventure of Toto	5
	Grammar	Sub, verb Concord	5
		Tense	6
July 20	Beehive		
	Ch -4	A truly beautiful Mind	3
	Poem	Rain on the Roof	3
	Moments ch-3	Iswaran the Story teller	3
	Ch-4	In the Kingdom of Fools	5
	Grammar	Modals	6
Aug 22	Beehive		
	Ch-5	The Snake and the Mirror	3
	Ch-6	My Childhood	4
	Poem	The Lake of Innisfree	3
		A legend of Northland	3
	Moments		
	Ch-5	The Happy Prince	3
	Grammar	Reported Speech,	4
	Writing	Descriptive Paragraph	3
		Writing	
Sep 5	Revision		
Oct 20	Beehive		
	Ch-8	Reach for the Top	5
	Poem	No Men are Foreign	3
			7
Nov 24	Grammar	Determiners, Tense	5
	Beehive ch-10	Kathmandu	6
	Poem	On Killing a tree	4
	Moments		
	Ch-7	The Last Leaf	5
	Ch-8	The House is not a Home	5
	Grammar	Reported Speech	4
		• Command and request	

		<ul style="list-style-type: none"><li>• Statement</li><li>• question</li></ul>	
Dec 25	Poem Reading skills  Grammar	A Slumber did not my sprit Seal Unseen passage (Discursive case base factual) Modal , Determiner and Reported Speech	6 8  12
Jan 20	Beehive Ch 11 Moments Ch-10  Grammar	If I were you  The Beggar  Revision	7  7  6
Feb 10	Revision		
<p><b>PT -1</b> <b>Beehive</b> –Chapter 1 ,2 <b>Moments</b> – Chapter 1 <b>Poem</b> – The Road Not Taken <b>Grammar</b> – Tenses , Diary Entry</p> <p><b>PT -2</b> <b>Beehive</b> –Chapter 3 <b>Poem</b> Wind <b>Moments Ch- 2</b> <b>Grammar</b> – Tenses , Diary Entry, Subject Verb Concord</p> <p><b>Half Yearly Syllabus</b> <b>Beehive</b> – Chapter 1 2,3,4,5,6 Poem – The Road Not Taken, Rain on the Roof, Wind, The Lake ..... Free, A Legend of Northland <b>Moments</b> – Chapter 1 ,2,3,4,5 <b>Grammar</b> <b>Writing Skill</b> – Diary Entry, Paragraph Writing <b>Reading Skill</b> – Unseen Passage Grammar – Tenses, Reported Speech</p> <p><b>PT -3</b> <b>Beehive</b> CH- 8 , 10 <b>Poem</b> No man foreign , On killing a tree <b>Moments</b> CH- 7 , 8 <b>Grammar</b> - Tenses, Reported Speech</p> <p><b>Annual Examination</b> All Syllabus</p>			

# fgUnh

eghuk@fnu	iqLrd@v/;; ua0	v/;k; uke	dkyka”k
viSzy 23 fnu	f{kfrt ¼x ½ ikB & 1 dkO; ikB&09 d`frdk ikB&01	nks cSyksa dh dFkk  dchjinkl ¼lkf[k;k; ,oa laokn½  bl ty izy; esa	7  8  8
EkbZ 25 fnu	O;kdj.k  f{kfrt ¼x ½ ikB & 2  dkO; ikB & 2  jpukRed ys[ku	milxZ @ izR;;  ygklk dh vksj  Okk[k  i= vuqPNsn	7  7  7  4
TqkykbZ 20 fnu	{kfrt ¼x ½ ikB & 03  dkO; ikB&3  O;kdj.k	उपभोक्तावाद की संस्कृति  सवैये  अर्थ की दृष्टि से वाक्य भेद	6  6  8
अगस्त 23 दिन	{kfrt ¼x ½ ikB & 03  dkO; ikB&4 d`frdk O;kdj.k	साँवले सपनो की याद  dSnh vkSj dksfdyk मेरे संग की औरते आलंकार , संवाद	5  5 6 7
सितंबर 5 दिन	leLr ikB~;Øe dk nksgjko dk;Z		5
	<b>v/kZokf’kZd ijh{kk</b>		
अक्टूबर 20 दिन	{kfrt ¼x ½ dkO;  O;kdj.k	प्रेमचंद के फाटे जुते ग्राम श्री समास	6 6 8

Ukcacj 24 fnu	{kfrt ¼x ½ d`frdk O;kdj.k	मेरे बचपन के दिन रीद की हड्डी समास पत्र (पुनरावती)	8 8 8
fnlacj 25 fnu	jpukRed ys[ku dkO; पुनराभ्यास	lwpuK ys[ku y?kq dFkk ys[ku मेघ आये	8 7 10
Tkuojh 20 fnu	jpukRed ys[ku dkO; पुनराभ्यास	bZ&esy ys[ku बच्चे काम पर कजा रहे है पुनार्वृति ( आलंकार समास )	5 8 7
Qjoj 10 fnu	प्रयोगात्मक परीक्षा		

PT -1

{kfrt ¼x|½ nks cSyksa dh dFkk dkO; dchjnk ¼lkf[k;kj ,oa laokn½ d`frdk bl ty izy; esa

O;kdj.k - milxZ @ izR;; ,i= vuqPNsn अपठित गद्यांश

PT -2

{kfrt ¼x|½ उपभोक्तावाद की संस्कृति dkO; सवैये d`frdk bl ty izy; esa

O;kdj.k - milxZ @ izR;; ,i= , vuqPNsn अपठित गद्यांश , अर्थ की दृष्टि से वाक्य भेद

HALF YEARLY

{kfrt ¼x|½ nks cSyksa dh dFkk , ygklk dh vksj , साँवले सपनो की याद, उपभोक्तावाद की संस्कृति

dkO; dchjnk ¼lkf[k;kj ,oa laokn½ , Okk[k , dSnh vksj dksfdyk , सवैये

d`frdk bl ty izy; esa , मेरे संग की औरते

O;kdj.k - milxZ @ izR;; ,i= , vuqPNsn , अपठित गद्यांश , dkO;ka”k, अर्थ की दृष्टि से वाक्य भेद , आलंकार,

PT -3

{kfrt ¼x|½ प्रेमचंद के फाटे जुते , मेरे बचपन के दिन

dkO; ग्राम श्री d`frdk रीद की हड्डी

O;kdj.k - milxZ @ izR;; ,i= , vuqPNsn अपठित गद्यांश , dkO;ka”k , आलंकार समास

ANNUAL EXAM All syllabus

## MATHS

Month/Day	Chapter No.	Topic	No. of Periods
April W.D. 23	Chapter – 1 Number System	Review of representation of natural number, rational no, integers Rational numbers as recurring/terminating decimals Representation of $\sqrt{2}$ , $\sqrt{3}$ on number	2  2



	Chapter – 2 Polynomial	line Rationalization of real number Definition of Polynomial in one variable, co-efficient, zero polynomial Degree of polynomial Constant, linear, quadratic, cubic, monomial, binomial, trinomial Remainder theorem, factor theorem Factorization by splitting middle term method Algebraic Identities	2 2 2 1 3 2 3 4
May 25	Chapter – 3 Co-ordinate Geometry  Chapter – 4 Linear Equation in two variable	Cartesian plane & co-ordinates Graph of linear Equation Linear Equation in two variables Linear Equation in one and two variable Solution of linear Equation Problem based on ratio proportion, real life and graphical solution	3 5 5 4 4 4
July 20	Chapter – 5 Euclid Geometry  Chapter – 6 Lines and Angles	History, definition, postulates Showing relationship b/w axioms and theorem Sum of adjacent angles is 180 Vertically opposite angles, corresponding angles alternative Parallel lines Sum of angles of D'S is 180° Exterior angles, interior angles	2 2 2 3 1 2 3
August 23	Chapter – 7 Triangles  Chapter – 8 Quadrilateral	Basic concepts of triangle congruency S.A.S. congruency A.S.A. congruency SSS congruency Angles opposite to equal sides are equal, sides opp to equal angles are equal  Basic concepts of Quadrilateral Mid point theorem, converse of midpoint theorem Types of Quadrilateral 11 gm. On same base and between same 11 have same area and triangle are equal in area also.	3 3 3 3 3  2 2 2 5
<b>Sep 5 day Half Yearly Syllabus Taught</b>			
October W.D. 20	Chapter – 9 Area of Parallelogram	Diagonal divide parallelogram in two congruent triangle Opposite sides are equal in 11 gm If opposite sides are 11 and equal then Quadrilateral in 11 gm	3 3 2 2

	Chapter – 10 Circles	Theorem based on chord and angles Properties of circle Angles in the same segment are equal Equal chord of a circle passing are equidistant from centre Properties of cyclic Quadrilateral	2 2 2 2 1 2
November W.D. 24	Chapter – 11 Construction       Chapter – 12 Areas	Construction of bisectors of line segment 60, 90, 45 etc Construction of D's with & sides and 1 Base Construction of D'S with given perimeter  Herons formula Finding area of given figure	4  4  6  4 4
December W.D. 25	Chapter – 13 Surface Area & Volume	Surface area and volume of cubes, cuboids, sphere and right circular, cylinder/cones	
January W.D. 20	Chapter – 14 Statistics       Chapter – 15 Probability	Collection and presentation of Data Bar Graph Histograms Mean, median and mode of ungrouped Data  Definition of probability and frequency approach to probability Empirical probability Experiments Drawn from real life situations	3 3 3 3  2 3 2 3

#### Revision in rest of the Days

#### Periodic test 01

Chapter 1 – Number System  
Chapter 2 – Polynomial

#### Periodic test 02

Chapter 3 – Co-ordinate Geometry  
Chapter 4 – Linear Equation in Two Variable  
Chapter 5 – Euclid Geometry  
Chapter 6 – Lines and Angles

#### Half Yearly all Topic Revise

Chapter 3 – Co-ordinate Geometry  
Chapter 4 – Linear Equation in Two Variable  
Chapter 5 – Euclid Geometry  
Chapter 6 – Lines and Angles  
Chapter 7 – Triangles  
Chapter 8 – Quadrilateral  
Chapter 10 – Circle  
Chapter 11 – Construction  
Chapter 12 – Areas, Herons formula

#### Periodic test 03

Chapter 13 – Surface Area and Volume  
Chapter 14 – Statistics  
Chapter 15 – Probability

**ARTIFICIAL INTELLIGENCE (SUBJECT CODE 417)**

<b>DAYS</b>	<b>Units</b>	<b>THEORY</b>
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All syllabus

**Annual Exam Topic**

APR 19 DAYS	<b>PART - B</b> <b>UNIT 5: INTRODUCTION TO PYTHON</b>	➤ Learn basic programming skills through gamified platforms.
May 25 DAYS	<b>UNIT 5: INTRODUCTION TO PYTHON</b>	➤ Acquire introductory Python programming skills in a very user-friendly format. ➤ Python Basics (Variables, Arithmetic Operators, Expressions, Comparison Operators, logical operators, Assignment Operators, Data Types - integer, float, strings, type conversion, using print() and input() functions)
JULY 20DAYS	<b>UNIT 1: AI REFLECTION, PROJECT CYCLE AND ETHICS</b>	❖ AI Reflection ❖ To identify and appreciate Artificial Intelligence and describe its applications in daily life. ❖ To recognize, engage and relate with the three realms of AI: , Computer Vision, Data Statistics and Natural Language Processing. ❖ AI PROJECT CYCLE
AUGUST 23 DAYS	<b>UNIT 2: DATA LITERACY:</b>	❖ Basics of data literacy ❖ Acquiring Data, Processing, and Interpreting Data ❖ Project Interactive Data Dashboard & Presentation
SEPTEMBER 5 DAYS	<b>UNIT 3: MATH FOR AI (Statistics &amp; Probability)</b>	❖ Importance of Math for AI <ul style="list-style-type: none"> <li>Analyzing the data in the form of numbers/images and find the relation/pattern between the them. Use of Math in AI.</li> <li>Number Patterns Picture Analogy</li> </ul> ❖ Statistics
OCTOBER 20 DAYS	<b>UNIT 3: MATH FOR AI (Statistics &amp; Probability)</b>  <b>UNIT 4: INTRODUCTION TO GENERATIVE AI:</b>	❖ Probability  ❖ Students will be able to define Generative AI & classify different kinds. ❖ Applying Generative AI tools to create content. • Understanding the ethical considerations of using Generative AI.
NOVEMBER 24 DAYS	<b>PART - A</b>  <b>Unit1:Communication Skills-II</b>  <b>Unit 2: Self - management Skills - III</b>	

DECEMBER 25 DAY	<b>Unit 3: Information and Communication Technology Skills – II</b>  <b>Unit4:Entrepreneurial Skills-III</b>
JANUARY 20 DAY	<b>Unit5:Green Skills-III</b>
February 5 days	<b>REVISION</b>

# INFORMATION TECHNOLOGY

<b>DAYS</b>	<b>Units</b>	<b>THEORY</b>
APR 19 DAYS	<b>PART - B</b>  <b>Unit 3: Digital documentation</b>	<ul style="list-style-type: none"> <li>➤ Create a document using a word processor</li> <li>➤ Apply Editing features</li> <li>➤ Apply formatting features</li> <li>➤ Create and work with tables</li> </ul>
May 25 DAYS	<b>Unit 3:</b>  <b>Digital documentation</b>	<ul style="list-style-type: none"> <li>➤ Printing options in Word Processor. •</li> <li>➤ Print preview,</li> <li>➤ Controlling printing,</li> <li>➤ Printing all pages, single and multiple pages.</li> <li>➤ Understand and apply mail merge</li> </ul>
JULY 20DAYS	<b>UNIT 4:</b>  <b>ELECTRONIC SPREADSHEET</b>	<ul style="list-style-type: none"> <li>❖ Create a Spreadsheet</li> <li>❖ Apply formula and functions in spreadsheet <ul style="list-style-type: none"> <li>▪ Different types of data, • Entering data – Label, Values, Formula • Formula, how to enter formula, • Mathematical operators used in formulae, • Simple calculations using values and operators, • Formulae with cell addresses and operators, • Commonly used basic functions in a spreadsheet – SUM, AVERAGE, MAX, MIN, Count • Use of functions to do calculations.</li> </ul> </li> <li>❖ Format data in the spreadsheet</li> <li>❖ Understand and apply Referencing</li> <li>❖ Create and insert different types of charts in a spreadsheet</li> </ul>
AUGUST 23 DAYS	<b>UNIT 5: DIGITAL PRESENTATION</b>	<ul style="list-style-type: none"> <li>❖ Understand features of an effective presentation</li> <li>❖ Create a presentation</li> <li>❖ Work with slides</li> <li>❖ Format text and apply animations</li> <li>❖ Create and use tables</li> <li>❖ Insert and format image in presentation</li> <li>❖ Work with slide master</li> </ul>
SEPTEMBER 5 DAYS	<b>UNIT 2: DATA ENTRY AND KEYBOARDING SKILLS</b>	<ul style="list-style-type: none"> <li>❖ Use keyboard and mouse for data entry</li> <li>❖ Use typing software,</li> </ul>

OCTOBER 20 DAYS	<b>UNIT 1: INTRODUCTION TO IT-ITeS INDUSTRY</b>	❖ Introduction to IT and ITeS, BPO services, • BPM industry in India, • Structure of the IT-BPM industry, • Applications of IT in home computing, everyday life, library, workplace, education, entertainment, communication, business, science and engineering, banking, insurance, marketing, health care, IT in the government and public service
NOVEMBER 24 DAYS	<b>PART - A</b>  <b>Unit1:Communication Skills-II</b>  <b>Unit 2: Self - management Skills - III</b>	
DECEMBER 25 DAY	<b>Unit 3: Information and Communication Technology Skills – II</b>  <b>Unit4:Entrepreneurial Skills-III</b>	
JANUARY 20 DAY	<b>Unit5:Green Skills-III</b>	
February 5 days	<b>REVISION</b>	

#### PHYSICAL ACTIVITY

DAYS	Units	THEORY	NO OF PERIOD
APRIL 19 DAYS	unit -1 Communication skills Unit – 2 Self-management skills	1.Demonstrate knowledge of various methods of communication	5
		2.Identify elements of communication circle	4
		3. Identify two factors affecting for perspective in communication	4
		4. Describe the meaning and importance of self-management	5
		5.Identify the factors that helps in building self-confidence	5
MAY 25 DAYS	Unit – 3 Basic ICT skills	1. Describe the role of ICT in day to day life	5
		2. Identify the various components of computer system	5
		3. Identify various peripheral devices	5
		4. Perform basic computer operations	5
		5. Connect with the world using internet and its applications	5
JULY 20 DAYS	Unit- 4 Entrepreneurial skills	1.Identify various types of business activities	10
		2. Demonstrate the knowledge of	10

		distinguishing characteristics of entrepreneurship.	
AUG 23 DAY	Unit- 5 Green skills	1. Demonstrate the knowledge of the factors influencing natural resources conservation 2. Describe the importance of green economy and green skills	12  11
SEP 5 DAY	Unit- 6 Role of physical education in child development	1. Physical and emotional needs of the children 2. Factors influencing physical activities 3. Plan physical activities 4. Conduct physical activities	1  2  2
OCT 20 DAY	Unit-7 Planning age appropriate physical activities	1. Activities for increasing physical strength and coordination 2. Plan physical activities for developing cognitive skills 3. Manage class	7  7  6
NOV 24 DAYS	Unit-8 Organizing age appropriate physical activities	1. Games for everyday activities 2. Activities to develop strength and balance 3. Activities to develop cognitive skills 4. Activities to develop endurance and flexibility 5. Organize sports activity	5 5  5 5  4
DEC 25 DAYS	Unit-9 Children health and safety	1. Child health care and habits 2. Various Aspects of safety management and emergency response	15  10
<b>Syllabus of Periodic Test 1 :-</b> Unit-1 Communication skills Unit-2 Self-management skills <b>Syllabus of Periodic Test 2 :-</b> Unit- 1 TO 4 <b>Syllabus of Half Yearly :-</b> Unit-1 TO Unit - 6 <b>Syllabus of Periodic Test 3 :-</b> Unit 5 TO 7 <b>Annual Examination : All units</b>			