# **ARMY PUBLIC SCHOOL BIRPUR, DEHRADUN**



SESSION 2023 2024 SPLIT UP SYLLABUS

CLASS IX – X

Aiming Sustainability Promoting Ethics Soaring High

CLASS IX HINDI

SI. No.	Month	No. of Working Days	Books	Content	Learning Outcomes
-	April	18	स्मर्श, व्याकरण	दुख का अधिकार रैदास के पद शब्द और पद अनुस्वार,अनुनासिक,पत्र-लेखन (अर्नापचारिक)	अमीर-गरीब बंगे के बीच की संवेदना को स्पष्ट कराया जाएगा। अध्यात्मिक चेतना के पति जागरक कराया जाएगा। व्यावरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा। सूजनात्मक लेखन के लिए छात्रों को प्रेरित कराया जाएगा।
	OPT -	10	संचयन, व्याकरण व	गिल्लू स्म्युति उपसगे- प्रत्यय संवाद लेखन चित्र वर्णन	कहानी विधा से छात्रों को नैतिक मूल्यों की ओर ले जाना। व्याकरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराना। व्याकरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा। सूजनात्मक लेखन के लिए छात्रों को प्रेरित कराया जाएगा। अपठित के देवारा छात्रों की समझदारी विकसित की जाएगी।
2	May	21	तेखन	अनुच्छेद लेखन, अपठित गद्यांश	
3	June		ग्रीष्मादकाश		
4	July	23	रूपशे, व्याकरण	एंवरेस्ट मेरी शिखर यात्रा रहीम के दोहे . व्याकरण - विराम चिस्न, स्वर संधि पुनरावर्तन पं	यात्रा वर्णन की विधा से छात्रों को पेरित कराना । व्यावहारिक जीवन में काम आने वाली नीतियाँ से छात्रों को परिचित परिचित का व्यावरण के दवारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा।सुर
5	August	23	स्पर्श, व्याकरण	आदमीनामा (पठन) तुम बन्द जाओगे, अतिथि वैज्ञानिक चेतना के वाहक-डॉ चंद्र सेकर वेंकेट रामन अर्थ के आधार पर वाक्य-मेद	समाज में अतिथि की मर्यादा से छात्रों को परिचित कराया जाएगा। डॉ चंद्र शेखर बैकेंट रामन् जैसे प्रेरक व्यक्तित्व से छात्रों के परिचित कराया जाए व्यक्तरण के दुवारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा। सूजनात्मक लेखन के लिए छात्रों को पेरित कराया जाएगा। व्यावरण के दुवारा भाषा की वैज्ञानिकता से छात्री को परिचित कराया जाएगा।
				चर्म की अगड ( पटन ) परीक्षा- पीटी-२	
6	September	21	स्पर्श, व्याकरण	(including PT-2 Examination)	अभ्यास कार्य-पत्रक द्वारा छात्रों को मरीक्षा के लिए कुशल बजाने का प्रयत्न किया
7	October	20	स्पर्ध, व्याकरण	शुक्तारे के समान अग्निपथ लेखन अभ्यास-अपठित गद्याश	गाँधी जी के सहयोगी महादेव जी के व्यक्तितव दवारा छात्रों को प्रेरित किया जाएंग अग्निषध के प्रतीक द्वारा छात्रों को कुछ नया करने तथा कटिनाइयों से ना घवर। व्यकरण के द्वारा भाषा की वैज्ञानिकता से छात्रों को परिचित कराया जाएगा। सूजनात्मक लेखन के लिए छात्रों को प्रेरित कराया जाएगा। अपठित गद्यांश दवारा बच्चों की समझदारी विकसित की जाएगी।
8	November	19	स्पर्धे. व्यावरण, संचयन	एक फूल की चाह (पठन) गीत-अगीत मेरा छोटा- सा निजी पुस्तकालय करूलू कुम्हार की उन्नाकोटि	काव्य विधा के रण्टांतों से छात्रों को परिचित कराना। कहानी विधा से छात्रों को नैतिक मूल्यों की ओर ले जाना। व्याकरण के द्वारा भाषा की वैज्ञानिकरा। से छात्रों को परिचित कराया जाएगा।सुउ
				कमल की कविताएँ - नए इलाके में खुशबूं रचते हैं हाथ लेखन अभ्यास- पत्र, अनुचछेद संबाद,चित्र वर्णन, पुनरावतेन पीटी-2	शहरीकरण की विडंबना से छात्रों को परिचित कराया जाएगा। समाज में गरीबों के पति संबेदना को जगाया जाएगा। व्याकरण के द्वारा भाषा की बैज्ञानिकला से छात्रों करे परिचित कराया जाएगा।
	88 10	88577			
9	December	22	स्पर्शः व्याकरण स्पर्शः व्याकरणः	पुनरावतेन- पुनरावतेन	अभ्यास कार्य-पत्रक द्वारा छात्रों को परीक्षा के लिए कुशल बनाने का प्रयत्न किया :
10	January	19	संचयन		
11	February February (as per guidetines received in Sludy Group for Bifurcation of Syllabus/ webinar)	23 (including Annual Examination )	स्पर्ध व्यानरण, लेखन	पुनरावतेन - वार्षिक परीक्षा परीक्षाफल घोषित	अभ्यास कार्य-पत्रक द्वारा छात्रौं को परीक्षा के लिए कुशल बनाने का प्रयत्न किया :

#### CLASS - IX Syllabus 2022-23 ENGLISH

# Names of the prescribed books - Beehive (Text book)Moments – (Supplementary Reader)

Month & Assessment	Chapter Name/No	Subject Enrichment Activities(Lab Activity/Map Activity/Workbook)	Learning Out come
April PERIODIC 1 30%	LITERATURE READER L 1-The fun they had L 2-The sound of music POETRY- P 1-The road not taken SUPP.READER L1-The lost child	GRAMMAR+WRITING +SPEAKINGSKILLS Poetic devices Adverbs, Tenses, beginning with a to- verb, synonyms, Reported verbs Book Review Paragraph writing	The students will be able to learn :Poetic device Adverbs Tenses SynonymReported The students will learn poem appreciation, imagery, poetic devices
Мау	LITERATURE READER L3-The little girl L 4 -A truly beautiful mind L 5 -The snake and the mirror. POETRY- P2- Wind P 3-Rain on the roof P 4- The lake isle of Innis free P 5 A legend of the Northland SUPP.READER L2-The adventures of Toto	Reported speech ,Verb forms, determiners Activities: Debates Role play story writing	The students will be able to learn: The usage of correct verb forms Determiners Clauses Reported speechPhrases PrefixVoice They will be able to write story writing
July	LITERATURE READER L 6-My childhood SUPP.READER L3-Isawaran the storyteller L4-In the kingdom of fools Grammar and revision of PT1	Modals Subject- verb concord Accurate use of spelling, punctuation, and grammar will be assessed through Gap filling/ Editing/ Transformation exercises. Activities: Beautifying room/ space	<ul> <li>The students will be able to learn to write</li> <li>i) diary, email ,description ofpeople.</li> <li>ii) The students will learn poem appreciation, imagery, poetic devices</li> <li>iii) usage of correct verb forms anddeterminers</li> </ul>

PA-I(VI-X) /UT-I (XI-XII)	PERIODIC 1	30% OF THE TOTAL SYLLABUS				
August PD 2 50%	LITERATURE READER POETRY- P 6-No men are foreign <b>SUPP.READER</b> L5 The happy prince	Phrases, Proverbs, modals ,connectors, editing/omission ,sentence reordering Painting Organising Art Event Speeches Paragraph writing	The students will be able to understandphrases, proverbs, modals , connectors, editing , omission and sentence reordering.			
Revision September		<ul> <li>i) Dialogue writing</li> <li>ii) Note making</li> <li>Dance performance</li> </ul>	The students will be able to i) participate in GD ii) enact dialogues			
		Radio show Group Discussion	<ul> <li>iii) use poetic devices</li> <li>iv) read and critically analyse</li> <li>v) conduct a radio show</li> </ul>			
	20% Covered in pd 2-	HY oct(VI-XII) +30%of portion covered in pd 1=509	% HALF YEARLY			
October PERIODIC 3 30%	LITERATURE READER L 8-Reach for the top POETRY-	Sentence , Clause, Subject and the verb , Adverbs	The students will be able to understand : Sentence , Clause, Subject and the verb , Adverbs			
	SUPP.READER L7-The last leaf	Prepare a speechArticle writing ,Debate	They will be able to prepare a speecharticle writing and debate			
November	LITERATURE READER L 10 - Kathmandu <b>POETRY-</b> P 9-The snake trying <b>SUPP.READER</b> L8-A house is not a home	Phrasal verb , Suffix , Punctuation, Tense	The students will be able to know aboutphrasal verb ,suffix , punctuation and tense.			
PB-I Class XII						

DecemberPD 3 30%	LITERATURE READER L 11-If I were you. POETRY-	Figurative DevicesParagraph writing SAMPLE PAPERS+ADDITIONAL	The students will be able to practice asper new Board pattern
	P 10-A slumber did my	GRAMMAR AN spirit seal <b>SUPP.READER</b> L10.The beggar	ND WRITING EXERCISES
PB-II Class XII PA-2 (VI-X),/UT-2 PERIODIC 3		(XI) 30% covered after half yea	arly
January		REVISION	
		PB (Class 10)	
February		REVISION(SAMPLEPAPERS)	
March AE-( VI- IX) FINALS		100% syllabus	

Note: Note Book maintenance rubrics: 5% WEIGHTAGE :punctuality, neatness, updated work,

#### Class: IX Subject: Maths

Month &Assessment	Chapter Name/No	Subject Enrichment Activities (Lab Activity/Map Activity/Workbook)	Learning Out come		
April	1. NUMBER SYSTEM	1. LAB ACTIVITY	<ol> <li>Represent Irrational No. on No. line.</li> <li>Insert Rational &amp; Irrational No. between 2 givenRational No.</li> <li>Decimal Expansion &amp; visualize decimal No.</li> <li>State Properties of Real No.</li> <li>Perform operations on Real No.</li> </ol>		
	2. POLYNOMIALS	2. LAB ACTIVITY	1. Find Zeros of Polynomial 2. Apply Remainder Theorem & Factor theorem 3. Factorize using Algebraic Identities & Factor theorem		
Мау	<ol> <li>COORDINATE GEOM.</li> <li>LINEAR EQUATIONS IN</li> </ol>		<ol> <li>Understand Cartesian Plane.</li> <li>Read Point, Locate Point on Graph</li> <li>Find solution of equation in 2 variable</li> </ol>		
July	TWO VARIABLES 4 LINEAR EQUATIONS IN TWO VARIABLES CONTD- 5. EUCLID GEOMETRY Revision for PT1	5 MATHS WALK	2. Learn Graphical Representation Write Equation of axis and line Parallel to axis Euclid's Definition, axioms and postulates		
PT-1 CHAPTERS 1, 2 AND 3					
August	6 LINES AND ANGLES.	LAB ACTIVITY	<ol> <li>Identify Intersecting lines and Non intersectin</li> <li>Explore Pair of angles and apply its properties</li> <li>Study the properties of Parallel lines and a transversal</li> </ol>		
	7. TRIANGLES		Learn Isosceles Property & Apply to solve Problems Learn congruency in Triangle SAS, ASA, AAS, SSS RH		
September	7. TRIANGLES CONTD Revision for Half yearly Exam.	LAB ACTIVITY			

HALF YEARLY EXAMINATION Syllabus covered from April to September						
October	8. QUADRILATERAL 9. CIRCLES	INTERDISCIPLINARY PROJECT	<ol> <li>Learn about Quad. &amp; its Properties</li> <li>Learn different Kinds of Parallelograms &amp; their Properties</li> <li>Understand the angle sum property of the Quadrilaterals.</li> <li>Understand and apply the Mid point theorem</li> <li>Basic Terms related to circles</li> <li>Solve Problems based on below Theorem Theorem</li> <li>Perperndicular from Centre bisect chord Theorem</li> <li>Equal Chord are Equidistance from CentreTheorem</li> <li>Equal chord substend equal angle at center Theorem</li> <li>Central Angle is double of Inscribed Angle</li> </ol>			
November	9.CIRCLES CONTD	LAB ACTIVITY	Theorem5: Angle in same segment are EqualTheorem6: Angle in semicircle is right Angle Cyclic Quadrilateral Theorem7: opposite angles are supplementaryTheorem8: Cyclic Trapezium is Isosceles			
December	12.HERONS FORMULA 13 SURFACE AREA &VOLUMES	LAB ACTIVITY LAB ACTIVITY	<ol> <li>Finding area of the triangle using herons formula.</li> <li>Surface Area of, Cone, SphereVolume of: Cone, Sphere</li> </ol>			
PT-	PT- 2 4 Chapters from the Syllabus covered in October, November and December					
January	14. STATISTICS Revision	LAB ACITVITY	Introduction of Statistics Graphical representation of Data			
February	Revision					
March ANNUAL EXAMINATION- COMPLETE SYLLABUS						

#### SPLIT UP SYLLABUS FOR CLASS 9(2023-24)

### (SUBJECT –SCIENCE)

Month	Chapter	Deleted	Activity/demonstration	Learning outcomes
April	Ch-1 Matter in our surrounding(Chemi stry) April		To find the melting and boiling point of water.	Learner will be able to compare the properties of three states of matter and the effect of temperature and pressure on them. Learner will be able to interpret the graphical representation of motion. Learner will be able to solve numerical based on equation of motion.
May	Ch-5 The fundamental Unit of Life(Biology)		To prepare stained temporary mount of onion peel and human cheek cell.	Learner will become aware of the organization of the cell and structure and function of various cell organelles.
July	Ch-8 Motion(Physics)	derivation of equations of motion by graphical method	To establish relationship between weight of a rectangular wooden block and the minimum force required to just move it using a spring balance.	Learner will be able to define Newton's laws of motion. Learners will be able to apply the laws of motion in day to day life. Learners will be able to solve the numerical based on mathematical form of laws of motion and conservation of momentum.
			PT1 L-1,5	
	Ch-2 Is matter around us pure(Chem.)	Separation of mixtures	To prepare a (a) True solution of sugar and salt. (b) Suspension of chalk. (c) Colloidal solution with egg albumen/milk.	Learners will be able to distinguish between pure substances, compound and mixtures.
August	Ch-6 Tissue (Bio) Ch-9 Force &		To study different types of animal tissues: epithelium, connective, muscle tissue and nerve tissues To study different types of plant tissue: Parenchyma and Sclerenchyma	Learner will get to know about the cellular organization in multicellular organisms and the structure and function of the various types plant and animal tissue Learners will be able to distinguish between various types of animal tissue.
	Laws of motion (Phy)	Elementary idea of conservation of Momentum		Learners will be able to apply the laws of motion in their daily lives.

September	Ch-10 Gravitation (Phy)		To determine the density of a solid. Verification of Archimedes principle. To determine the density of a solid (denser than water) by using a spring balance and a measuring cylinder	Learner will get to know about causes, modes of transmission and prevention and control of various types of communicable and non -communicable diseases. Learner will be able to understand about gravitational force. They will get to know about density, relative density, floatation and sinking of objects. Learners will be able to know about thrust and pressure				
	Half Yearly – Lesson 1,2,5,6,8,9							
October	Ch-3 Atoms and molecules.(Chem)	Mole concept: Relationship of mole to mass of the particles and numbers.	Verification of Law of conservation of mass.	Learners will be able to distinguish between atom, molecules and compounds. Learners will be aware of molecular mass and mole concept				
November	Ch-11 Work and Energy(Phy) Ch-15 Improvement in food resources (Bio)	Commercial unit of energy	To differentiate between potential and kinetic energy Make a list of Kharif & Rabi crops cultivated in your state	Learners will be aware of the concept of work, power and energy and would be able to calculate those using formulae. Learners will be able to differentiate between kinetic energy and potential energy. Learner will get to know about various agricultural and animal husbandry management practices for improving food production.				
December	Ch-4 Structure of atom(Chem)		To study contribution of Rutherford in science	Learner will appreciate scientific discoveries and inventions of atom and sub-atomic particles.				
			• PT2 3.10,13					
January	Ch-12 Sound(Phy)	SONAR	Verification of the laws of reflection of sound Determination of the speed of a pulse propagated through a stretched string/slinky	Learners will be able to define sound as a wave and its various characteristics, concept of echoes and be able to explain the various parts of human ear and it's working. Explain propagation of sound in a medium based on their knowledge of echo and reverberation.				
Ch-14 Natura	l resources (Bio) INT	ERNAL ASSESSMEN	NT					
ANNIAL	HAPTERS- / & 15 -L-1 2 3 4 5 6 8 9 10	11 12 15						
ANNUAL -L-1,2,3,4,3,0,6,9,10,11,12,13								

## SPLIT-UP SYLLABUS, CLASS IX SUB: SOCIAL SCIENCE (SESSION-2023-24)

S.NO.	MONTH	NAME OF THE CHAPTER	ACTIVITIES	<b>Deleted Portion</b>
1.	APRIL	<ol> <li>1.(H1) French revolution</li> <li>2. (G1) India size and location.</li> <li>3. (P1) What is democracy? Why democracy</li> </ol>	Map Work - Map Work	
2.	MAY/ JUNE	<ul><li>4. (E1) The story of village Palampur</li><li>5. (G2) Physical features of India</li><li>6. (P2) Constitutional Design</li></ul>	Quiz	
3.	JULY	7. (H2) Socialism in Europe and the Russian Revolution	Map Work	
		<u>PT1 Commences</u>	Role-Play.	
4.	AUG	<ul><li>8. (E2) People as resource</li><li>9. (H3) Nazism and the rise of Hitler</li><li>10. (G3) Drainage.</li></ul>	1.map work 2.map work	
5.	SEP.	<ul><li>11. (E3) Poverty as a challenge</li><li>12.(G4) Climate</li><li>HY Commences</li></ul>	map work debate	Pg-28, 29, 30, 31, 36 (Jet streams, western cyclonic disturbances, The Indian Monsoon, the onset of the monsoon and withdrawal and related Figs 4.1, 4.2, 4.3, 4.6 deleted)
6.	ОСТ	<ul> <li>13 (H4) Forest, society and colonialism.</li> <li>14.(H5) Pastoralists and farmers.</li> <li>Project(Disaster management)</li> <li>Annual Function Practice</li> </ul>	map work	
7.	NOV	<ul><li>15. (P3) Electoral politics.</li><li>16. (G5) Natural vegetation and wild life.</li></ul>	Pasting symbols of political parties. map work	Pg 42–44 (Factors affecting the diversity of flora and fauna Fig 5.1 and Table 5.1 deleted)
8.	DEC	<ul><li>17. (P4) Working Institutions.</li><li>18. (E4) Food security in India.</li><li><u>PT2 Commences</u></li></ul>	Mock parliament Quiz	
9.	JAN	<ul><li>19. (G6) Population.</li><li>20. (P5) Democratic Rights</li></ul>	Charts and Graph Debate	Pg-53, 58, 59, 60, 61 (Pointers regarding three major questions about population, age composition, sex ratio, literacy rates, occupational structure, health, NPP 2000 and adolescents deleted)
10.	FEB	Annual Exam Commences	Class tests chapter wise.	

# SPLITUP FOR I.T 2023-24

	CLASS IX
ΔΡΡΙΙ	<ul> <li>Introduction to I.TITeS Industry</li> </ul>
	<ul> <li>Data Entry &amp; Keyboarding Skills</li> </ul>
ΜΑΥ	Digital Documentation
	<ul> <li>Electronic Spread sheet</li> </ul>
5011	<ul> <li>Communication Skills</li> </ul>
AUGUST	Self Management Skills
SEPTEMBER	Digital Presentation
OCTOBER	• ICT Skills
	<ul> <li>Entrepreneurial Skills</li> </ul>
NOVEMBER	Green Skills
DECEMBER	Revision

# <u>CLASS –IX</u> SUBJECT-ARTIFICIAL INTELLIGENCE

SR.NO	ΜΟΝΤΗ	NAME OF THE CHAPTER		
	<u>TERM-I</u>			
01	APR	Part-B (Subject Specific Skills) CH- 1 Introduction to Artificial Intelligence CH- 2 Applications and Future Trends of Al		
02	MAY	CH-3 Al Project Cycle CH- 4 Program Design Aids		
03	JUL	CH- 5 Artificial Intelligence Approaches		
04	AUG	CH-7 Introduction to Python CH-8 Conditional Statements and Loops		
05	SEP	Part-A (Employability Skills) CH-1 Communication Skills + Python Practical		
<u>TERM-II</u>				
06	ОСТ	<u>Part-A (Employability Skills)</u> CH- 2 Self- Management Skills <u>Part-B (Subject Specific Skills)</u> CH-6 Neural Networks		
07	NOV	CH-8 Strings in Python CH-9 Lists in Python		
08	DEC	<u>Part-A (Employability Skills)</u> CH-3 Basic ICT Skills Ch-4 Entrepreneurial Skills		
09	JAN	CH-5 Green Skills + Python Practical		

#### SPLIT - UP SYLLABUS ( SESSION : 2023-24)

CLASS: 10 SUBJECT: ENGLISH

#### NCERT TEXT BOOKS

#### 1.FIRST FLIGHT (TOTAL CHAPTERS- 9 TOTAL POEMS-10)

#### 2. FOOTPRINTS WITHOUT FEET (TOTAL CHAPTERS-9)

#### **3.INTEGRATED GRAMMAR PRACTICE (GRAMMAR-5 WRITING-2)**

MONTH	TOPIC	GRAMMAR &	ACTIVITIES	DELETED
		WRITING		
APRIL	FIRST FLIGHT	Formal Letter :	Role Play	These Lessons /
	Lesson 1 – A Letter To	Letter To The		Poems / Grammar
	God	Editor	Group	Topics have been
	Poem 1 – Dust Of Snow	Letter for	Discussion	deleted from the
	Poem 2 -Fire And Ice	Placing an		syllabus:
		Order	Debate	
	Lesson 2 – Nelson			
	Mandela – Long Walk			
	To Freedom			FIRST FLIGHT
	Poem 3 – A Tiger In			
	TheZoo			Lesson 5– The
	Lesson 3-Two stories			Hundred
	about flying			Dresses -I
	Poem 4- How to tell			
	wild animals			Lesson 6 – The
	Poem 5- The ball poem			Hundred
	<b>FOOTPRINTS</b>			Dresses -II
	WITHOUT FEET			
	Lesson-1 A triumph of			
	surgery			Poem - Animals
	Lesson-2 The thief's			
	story			
	Lesson-3 The midnight			FOOTPRINTS
	visitor			WITHOUT FEET
				Lesson 8 – The
	<b>INTEGRATED</b>			Hack Driver
	<b>GRAMMAR</b>			
	<b>PRACTICE</b>			
	-			
				<b>GRAMMAR</b>
MAY	FIRST FLIGHT	Tenses	Role Play	
	Lesson 4- From The			1. Clauses
	Diary of Anne Frank		Sketching	
	Poem 6 – Amanda		uijtenet	2. Use Of Passive
	Lesson 7 – Glimpses Of			
	India (I.II,III)			
	Comprehension			

				Voice
JUNE	FIRST FLIGHT Poem 7 – The Trees FOOTPRINTS WITHOUT FEET Lesson 4- A Question of trust INTEGRATED GRAMMAR PRACTICE	Modals Letter of Complaint (BUSINESS) Analytical Paragraph Writing Comprehension	Group Discussion Speech Debate	3.Prepositions
JULY	FOOTPRINTS WITHOUT FEET Lesson 5 – Footprint Without Feet FIRST FLIGHT Lesson 8- Mijbil The Otter Poem 8 - Fog Lesson 9– Madam Rides The Bus INTEGRATED GRAMMAR PRACTICE	Subject Verb Concord Reported Speech	Debate Group Discussion	
AUGUST	FOOTPRINTS WITHOUT FEET Lesson 6- The Making of the Scientist Lesson 7– The Necklace Lesson 9- Bholi	Determiners Formal Letter :	Role Play	

	FIRST FLIGHT Poem 9 – The Tale Of Custard The Dragon Lesson 10– The Sermon At Benares Poem 10 – For AnneGregory INTEGRATED GRAMMAR PRACTICE	Letter Of Enquiry	Group Discussion Debate
SEPTEMBER	INTEGRATED GRAMMAR PRACTICE Sample Papers	Comprehension	Sketching Role Play
			Group Discussion
OCTOBER	FIRST FLIGHT Lesson 11- The Proposal FOOTPRINTS WITHOUT FEET Lesson 10- The book that saved the Earth INTEGRATED GRAMMAR PRACTICE		
NOVEMBER DECEMBER	REVISION		
JANUARY	REVISION		
FEBRUARY	REVISION		

#### Syllabus 2023-2024 Class: 10<sup>th</sup> Subject: Maths

Month & Assessment		Chapter Name/No	Subject Enrichment Activities(Lab Activity/Map Activity/Workbook)		Learning Out come
April	1. 2.	Real numbers Polynomials	Lab Activity Lab activity	1. Prov 2. Und 1. Calc 2. Und 3. Esta poly	ve the irrationality of the numbers. lerstand and apply Fundamental theorem ofArithmetic. culate of zeros of polynomial lerstanding Geometric meaning of Zeroes ofpolynomials. ublishing the relationship between zeroes andcofficients of a ynomials.
Мау	3. 4.	Pair of linear equations Quadratic Equations	Lab activity	1. Und solv 2. find	lerstanding and applying the graphical and Algebraic method of ing pair of linear equations. ling the Method by reducible to Pair of linear equations.
luby	5.	Arithmetic progression.	1. Maths walk	1. Und 2. Stuc 3. Stuc	lerstanding the AP and its real life examples dy the general form of AP and its application dy the sum of n terms of AP and its application.
July	6. Revi	Triangles ision for PT-1		1. Und 2. Stud 3. Und appl	lerstanding the Similar figures and Similartriangles. By the Criteria of similarity and its application lerstanding the Basic proportional theorem and itsconverse and its lication
			PT- 1	Chapters	s 1, 2 and3
August	6.	Triangles contd	1. Interdisciplinary project	I. Unde 2. Stuc 3. Und con	erstanding the Similar figures and Similar triangles. dy the Criteria of similarity and its application derstanding the Basic proportional theorem and its overse and its application.
	7. triį	Coordinate geometry Introduction to gonometry	Lab Activity	I. Und appl 2. Und 3. Und angl	ersatanding the distance and Section formula and its lication . lerstanding the trigonometric ratios and itsapplication. lerstanding and synthesis of trigonometric ratios atspecific les

September	9. Some application of trigonometry Revision for half yearly	1. Lab activity	1. Understanding the trigonometric ratios and itsapplication.			
HALF YEARLY- Chapters 1 to 8						
October	10. Circles	Lab Activity	<ol> <li>Understanding the tangents of a circles and itsproperties.</li> <li>Application of Tangents properties in variousproblems.</li> <li>Understand and evaluate the different parts of circles- Sectors, segments e and apply them to sortthe problem figures.</li> </ol>			
	<ul><li>12. Area Related to circles</li><li>13 Surface Area and volumes.</li></ul>	Lab Activity lab activity	1. Calculate the surface area and volumes of solidshapes and its			
November			various combinations 2. Synthesis the classical definition of probability.			
	14 Statistics 15. Probablity	lab activity lab activity	<ol> <li>Finding the mean , mode and median of the groupeddata</li> <li>Understanding the Experimental and theoretical probablity.</li> </ol>			
		November – Preboar	rd- Complete Syllabus			
December						
		December– Preboa	rd- Complete Syllabus			
January	Revision					
PREBOARD EXAMINATION - COMPLETE SYLLABUS						
February	Revision					
March						
BOARD EXAMINATION- COMPLETE SYLLABUS						

### Month

### SPLIT UP SYLLABUS FOR CLASS 10 (2023-24) (SUBJECT –SCIENCE)

Month	Lesson	Deleted	Activity/demonstration	Learning outcomes
A	L-1 Chemical Reactions		Types of reactions	Learner will differentiate between types of
April	and Equations			reactions
	L-5 Life processes		Preparing a temporary mount of a leaf peel to	Learner labels parts of system and appreciate
			show the stomata.	life processes in organisms
			Test of starch prepared by CO2 is released	
Мау	L-13 Our environment		during respiration	
			Al activity 3.56 of Life Processes	Learners will be aware of their environment
			Ensuring segregation of biodegradable & non	and the need to conserve it.
			biodegradable waste in school	
	L-9 Light		Finding the image distance for varying object	Learner will apply rectilinear propagation
			distance In case of convex lens and drawing	property of light and will be able to explain
			corresponding ray diagram to show the nature	phenomena of reflection through curved
			of image formed.	mirror and refraction through lenses
			Determination of focal length of (i) concave	
			mirror (ii) convex lens by obtaining image of	
habe			distant objectconcave mirror (ii) convex lens	
July			by obtaining image of distant object	
	L-2 Acids ,bases and		Tracing the path of rays of light through glass	
	salts		prism.	
			Tracing the path of light passing through a	Learners will be able to differentiate between
			rectangular glass slab for different angles of	acid and base on the basis of their chemical
			incidence. Measure the angle of incidence,	properties
			angle of refraction and angle of emergence	

			and interpret the result.	
			Finding the pH of the samples by using pH	
			paper/universal indicator	
			AI activity3.53 Acids, Bases and Salts	
	PT 1 lesson 1,6			
	(tentative)			
	L-2 Acids ,bases and		Studying the properties of acids and bases	Learner is able to apply gained knowledge in
	salts(contd)		(HCl & NaOH) on the basis of their reaction	solving their day to day life problems
	L-10 Human eye and		with litmus, Zn and sodium carbonate	Learner will be able to explain structure of
	colourful world		AI activity 3.51 The Human Eye and the	human eye and its working. They will be
August	L-3 Metals and non		Colourful World	aware of various defects of vision and their
	metal	Colour of sun at sunrise &	Observing the action of metals on the salt	correction.
		sunset	solutions	Learner will be able to distinguish between
				properties of metals and non metals and their
			AI activity 3.47 Metals and Non-Metals	uses
	L-6 Control and		Outline the working of a reflex arc, in order to	`
	coordination		explain how reflex actions take place in	Learner will be able to relate hormones with
Contombor			humans	their function
September			Illustrate the function of endocrine glands in	
			human body, in order to understand	
			functioning of hormones	
	L-11 Electricity		To determine the equivalent Resistance of	.Learner will be aware of current, potential
			two resistors when connected in	difference and resistance and relation
October			(i) in series	between them
			(ii) in parallel	
			Verification of Ohm's law	

	L-4 Carbon and its compounds L-7 How do organisms		AI activity 3.57 Electricity		
			Study of the odour, solubility, effect on litmus		
			and reaction with NaHCO $_{\rm 3}$ of ethanoic acid	Learner will know allotropes of carbon and	
			AI activity3.54 Carbon and its Compounds	concept of covalent bonding.	
	reproduce?		To study Binary fission in amoeba and budding	Learners will be able to able to compare the	
			in yeast by prepared slide.	different modes of reproduction in living	
			To study structure of Dicot seed	organisms	
	L-12 Magnetic effects of	Electric Motor,	To draw magnetic field line pattern around a	Learner will be able to know about different	
	electric current Electromagnetic induction		bar magnet.	magnetic field patterns and motor and	
		Induced potential difference,	To draw magnetic field line pattern around a	generator	
		Induced current, Fleming's	bar magnet		
Newsenstein	L-9 Heredity and	Right Hand Rule, Electric	Al activity 3.48 Magnetic Effects of Electric		
November	evolution Generator		Current	Learner will be able to identify genes as the	
	Evolution; evolution and		To find out ratio of monohybrid and dihybrid.	basis of heredity	
	classification and evolution			Learners will recognize that present day	
		should not be equated with		organisms have evolved from their ancestors	
		progress		by the modification of their features.	

# SPLITUP SYLLABUS FOR CLASS-X SESSION (2023-24)

## SOCIAL SCIENCE

MONTH	TOPICS	ACTIVITIES
APRIL	<ul> <li>(I) THE RISE OF NATIONALISM IN</li> <li>EUROPE</li> <li>(II) RESOURCES AND</li> <li>DEVELOPMENT + Map Work</li> <li>(III) POWER SHARING</li> <li>(IV) DEVELOPMENT</li> </ul>	
MAY & JUNE	(V) WATER RESOURCES (VI) FOREST AND WILD LIFE RESOURCES	PT-1 EXAM
JULY	(VII) NATIONALISM IN INDIA + Map Work (VIII) FEDERALISM (IX) AGRICULTURE (X) MINERALS AND ENERGY RESOURCES+ MAP WORK	
AUGUST	(XI) MAKING OF GLOBAL WORLD (XII) THE AGE OF INDUTRIALISATION (XIII) SECTORS OF INDIAN ECONOMY (XIV) MANUFACTURING INDUSTRIES	
SEPTEMBER	(XV) PRINT CULTURE AND THE MODERN WORLD (XVI) GENDER, RELIGION AND CASTE	Term-1 Exams

OCTOBER	(XVII) POLITICAL PARTIES (XVIII) MONEY AND CREDIT ( XIX) LIFE LINES OF NATIONAL ECONOMY (XX) OUTCOMES OF DEMOCRACY	
NOVEMBER	(XXI) GLOBALISATION AND THE INDIAN ECONOMY	

DECEMBER	(XXII) CONSUMER RIGHTS (ONLY FOR PROJECT WORK) REVISION WORK	PT-2 EXAM
JANUARY	REVISION FOR PREBOARD EXAMINATION	PT-2 EXAM(10-14 JAN) PRE BOARD EXAM-1 (18-30)
FEBRUARY	REVISION PRE-BOARDS PRACTICE EXAMS, etc.	
MARCH	CBSE EXAMINATION-2021	TERM-2 EXAMINATION

# SPLITUP FOR I.T 2023-24

<u>CLASS X</u>			
APRIL	Digital Documentation		
JULY	<ul> <li>Electronic Spreadsheet</li> <li>Database Management System</li> </ul>		
AUGUST	<ul> <li>Database Management System</li> <li>Communication Skills</li> </ul>		
SEPTEMBER	<ul> <li>Web Applications and Security</li> <li>Self Management Skills</li> </ul>		
OCTOBER	<ul> <li>ICT Skills</li> <li>Entrepreneurial Skills</li> <li>Green Skills</li> </ul>		
NOVEMBER	Revision		
DECEMBER	Revision		

		CLASS	S X HINDI		
SI. No.	Month	No. of Working Days	Books	Content	Learning Outcomes
1	April	25	स्पर्श - भाग 2 व्याकरण स्पर्श - भाग 2	स्पर्श-साखी ''व्याकरण – पदबंध मुहावरे अपठित गद्यांश व्याकरण – औपचारिक पत्र स्पर्श- बड़े भाई साहब	*दैनिक जीवन में नैतिक मूल्यों का विकास *दैनिक जीवन में मुहावरों का प्रयोग अधिक सरल *पत्रों द्वारा दैनिक जीवन की विभिन्ज स्थितियों में प्रभावी संप्रेषण क्षमता का विकास। *कर्तव्य-बोध होना। *बड़े भाई के सम्मान के भाव का विकास। *दैनिक जीवन में नैतिक मूल्यों का विकास
			व्याकरण स्पर्श - भाग २	व्याकरण- वाक्य रूपांतरण, (रचना के आधार पर), अनुच्छेद, सूचना स्पर्श- मीरा के पद, बिहारी के दोहे (पठन हेतु) मनुष्यता संचयन- हरिहर काका	*सूचना-विषय से जुड़ी संपूर्ण जानकारी को स्पस्ट व बोधगम्य आषा व्यक्त करने की क्षमता का विकास। *ईश्वर के प्रति दैन्य व समर्पण का भाव जागृत करना। *इदय में परोपकार व सहानुभूति के भाव का विकास।
2	Мау	15	संचयन - भाग 2	0	

30	- 11.49	10	353		
3	June	17	ग्रीष्मावकाश		
4	4 July	25	व्याकरण स्पर्श - भाग २	स्पर्श- डायरी का एक पन्ना ,तोप तताँरा वामीरो कथा व्याकरण - समास लेखन-अनुच्छेद	*संगठित समाज कृतसंकल्प हो तो असंभव को भी संभव कर सकता है।. जर्जर रूढ़ियाँ को तोड़ना ही समाज के विकास के लिए बेहतर है। इस संदेश को ग्रहण करना। *आत्मसंतुष्टि के भाव का विकास । *रचनात्मक लेखन का विकास।
				स्पर्श- तीसरी कसम के शिल्पकार	जर्जर रूढ़ियाँ को तोड़ना ही समाज के विकास के लिए बेहतर है। इस संदेश को ग्रहण करना।
				पर्वत प्रदेश में पावस ,गिरगिट (केवल	*देश भक्ति की भावनाओं का विकास।
			व्याकरण	पठन),,कर चले हम फिदा संचयन - सपनों के से दिन,	*अपने अनुभवौं को सृजनात्मक ढंग से व्यक्त करना।
			स्पर्श - भाग २	लेखन-विज्ञापन लेखन, लघु कथा लेखन,	*बोधगम्न्य, शिष्ट,औपचारिक भाषा का विकास
5	5 August	25	संचयन - भाग 2	ई-मेल लेखन	*रोचकता व कल्पना शक्ति का विकास।
6	September	23 (including PT2)		पुनरावर्तन व सामयिक परीक्षा -२	
			व्याकरण	स्पर्श-अब कहाँ दूसरों के दुख से दुखी होने वाले,	*प्राणी मात्र के प्रति संवेदनाओं का विकास।
			स्पर्श - भाग २	पतझड़ में टूटी पत्तियाँ, मधर-मधर मेरे दीपक जल (केवल पठन)	"जावन मूल्या का विकास तथा तनाव मुक्त जीवन जोने की प्ररणा का विकास।
7	7 October	19	संचयन - भाग 2	संचयन- टोपी शुक्ला	*मित्रता में सर्वधर्म समभाव की भावना का विकास।
	1	E	1		

8	November	24	व्याकरण स्पर्श - भाग 2 संचयन - भाग 2	स्पर्श- कारतूस आत्मत्राण, पुनरावर्तन	*देश भक्ति की भावनाओं का विकास। *निर्भीकतापूर्वक अपने उत्तरदायित्वों का पालन करने की भावना का विकास।
9	December	23 (including Pre Board Examination)	व्याकरण स्पर्श - भाग 2 संचयन - भाग 2	पुनरावर्तन व 1st Pre Bd	
10	January	24 (including Pre Board Examination)	व्याकरण स्पर्श - भाग 2 संचयन - भाग 2	पुनरावर्तन व 2nd Pre Bd	