

Guru Gobind Singh Public School

Bokaro /Chas/Dhanbad



Syllabus

2025 – 26

Class: Xth

Guru Gobind Singh Public School

SPLIT UP SYLLABUS OF,SESSION 2025-26

Class- X SUBJECT: ENGLISH (LANGUAGE AND LITERATURE- 184)

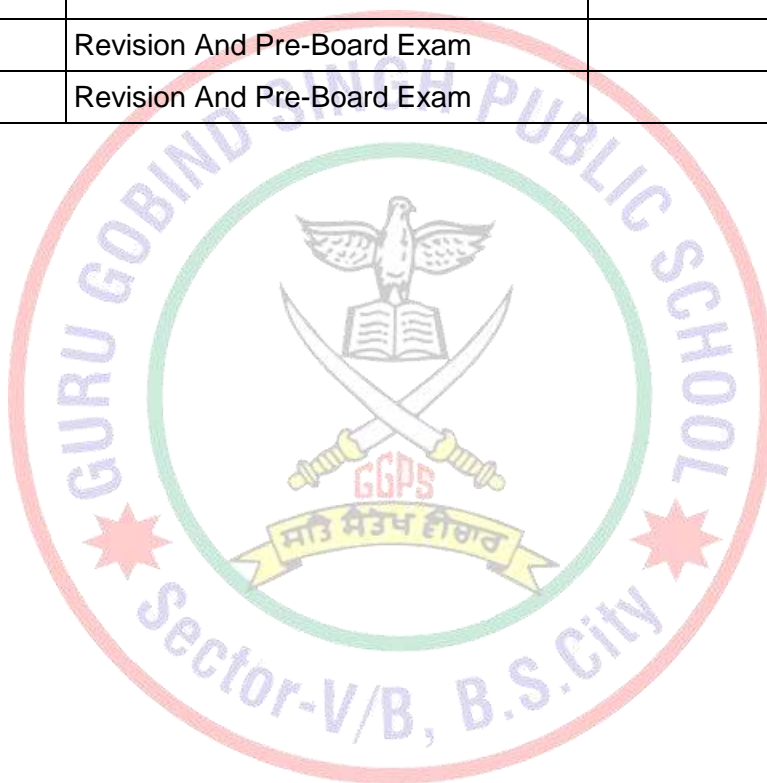
Prescribed Book & Publishers

1. First Flight - N.C.E.R.T
2. Footprints Without Feet - N.C.E.R.T
3. Words and Expressions 2- Workbook in English for Class X - N.C.E.R.T
4. S.H.A.R.P Insight - Exercise workbook/X V.K.

Month	Working Days	Chapter/Topics	Project / Activity	Periodic Test Portion
April	17	Literature - Book 1- First Flight Ch-1. A Letter To God Ch 2. Nelson Mandela: Long Walk To Freedom Ch 3.Two Stories About Flying: I .His First Flight II. Black Aeroplane Poems- *Dust Of Snow *Fire And Ice *A Tiger In The Zoo Book 2- Footprints Without Feet Ch- 1. A Triumph of Surgery Ch- 2. The Thief's Story Writing Section- *Analytical Paragraph *Letter To The Editor Grammar Section- Determiners		
May & June	07+12	Literature- Book 1- First Flight Ch-4. From The Diary Of Anne Frank Ch-5 Glimpses of India - i)A Baker from Goa Poems * How To Tell Wild Animals * The Ball Poem *Amanda Book 2- Footprints Without feet Ch-3 The Midnight Visitor Ch-4 A Question of Trust Writing Section- Order Placement. Letter	* Prepare a file on Poetic Devices used in the poems of the Literature book , First Flight.	PT 1 * A letter to God * Dust of Snow * Fire and Ice * A Triumph of Surgery * Determiners * Letter to the Editor * Unseen Passage - Discursive Passage PT 2 *Nelson

		Grammar Section- *Modals, *Error of edition		Mandela - Long walk to freedom * The Thief's Story * Amanda * The Ball Poem * Modals * Analytical Paragraph
July	24	Literature - Book 1- First Flight Ch- 5. Glimpses Of India ii) Coorg iii) Tea From Assam Ch-6- Mijbil the Otter Book 2-Footprints Without feet Ch-5 Footprints Without Feet Ch-6 The Making Of a Scientist Writing Section- Complaint Letter Grammar- *Tenses, * Sub- verb agreement		PT 3 * A Question of Trust * The Midnight Visitor * Glimpses of India- A Baker from Goa , Coorg * From the diary of Anne Frank * Tenses * Error of Edition * Complaint Letter
August	21	Literature- Book 1- First Flight Ch- 7. Madam Rides The Bus Ch- 8. The Sermon At Benares Poems - *The Trees *Fog Book 2-Footprints Without feet Ch- 7 The Necklace Writing Section- *Enquiry Letter *Analytical Paragraph Grammar Section- Reported Speech		Assessment of Listening and Speaking skills
September	07	Revision		
October	13	Literature- Book 1- First Flight Ch-9 The Proposal Poems- * The Tale of Custard the Dragon * For Anne Gregory Book-2 Footprints Without feet Ch- 8. Bholi		PT 4 * Unseen Passage - Case Based * The Necklace * The making of a scientist * Madam rides the bus

		Ch-9. The Book That Saved the Earth Writing Section- Analytical Paragraph Grammar Section- *Subject-verb. Agreement, * Error of Edition		*The sermon at Benares * Trees * Fog * Enquiry Letter * Reported Speech * Assessment of Listening and Speaking skills
November	17	Revision And Pre-Board Exam		
December	19	Revision And Pre-Board Exam		
January	14	Revision And Pre-Board Exam		



हिंदी

CLASS--X

Course A(002)

पाठ्यक्रम वर्ष—2025-2026

पुस्तकों के नाम --(1)क्षितिज भाग 2, (2) कृतिका भाग 2 , (3) व्याकरण-

हिंदी व्याकरण एवं रचना। (साँविनिर)

पाठ्यक्रम का मासिक विभाजन:---

Month's Name	No.of working days	Chapters	Project/ Assignment	Periodic Test portion
अप्रैल	17	गद्य पाठ-- नेताजी का चश्मा पद्य पाठ--- सूरदास के पद व्याकरण --अपठित पद्यांश, अपठित गद्यांश, पद परिचय, पत्र लेखन		
मई	07	गद्य पाठ-- बालगोबिन भगत कृतिका--माता का अंचल व्याकरण--पद परिचय, अनुच्छेद लेखन		
जून	12	पद्य पाठ-- राम लक्ष्मण परशुराम संवाद व्याकरण-- रचना के आधार पर वाक्य भेद	परियोजना कार्य	PT--1. F:M:25 1.सूरदास के पद 2.नेताजी का चश्मा 3.पदपरिचय 4.औपचारिक पत्र लेखन
जुलाई	24	गद्य पाठ - लेखनवी अंदाज पद्य पाठ- राम लक्ष्मण परशुराम संवाद , आत्मकथ्य, उत्साह कृतिका -साना- साना हाथ जोड़ि व्याकरण -अलंकार (अर्थालंकार) संदेश लेखन		
अगस्त	21	गद्य पाठ --एक कहानी यह भी पद्य पाठ -फसल,अट नहीं रही है कृतिका :- साना- साना हाथ जोड़ि व्याकरण -- वाच्य, विज्ञापन लेखन		PT:2. F:M:--25 1.राम लक्ष्मण परशुराम संवाद 2.बालगोबिन भगत 3.रचना के आधार पर वाक्य भेद 4.संदेश लेखन
सितंबर	07	गद्य पाठ --पुनरावृत्ति कार्य पद्य पाठ --यह दंतुरित मुसकान, कृतिका - पुनरावृत्ति कार्य व्याकरण --ईमेल लेखन		
अर्धवार्षिक परीक्षा				
अक्टूबर	13	गद्यपाठ--नौबतखाने में इबादत, संस्कृति पद्य पाठ --संगतकार	परियोजना कार्य	

		कृतिका -मैं क्यों लिखता हूँ व्याकरण --स्ववृत्त लेखन, अपठित गद्यांश, पत्र लेखन (औपचारिक और अनौपचारिक)		
नवंबर	17	गद्य पाठ-- पुनरावृत्ति कार्य पद्य पाठ -- पुनरावृत्ति कार्य कृतिका -- पुनरावृत्ति कार्य व्याकरण --वाच्य परिवर्तन, अपठित पद्यांश (पुनरावृत्ति कार्य)		PT--3. F: M:--25 1. यह दंतुरित मुस्कान 2.फसल 3.एक कहानी यह भी 4.वाच्य 5.ई-मेल लेखन
दिसंबर	19	गद्य ,पद्य, कृतिका, व्याकरण पुनरावृत्ति कार्य		
जनवरी	14	पुनरावृत्ति कार्य प्राक् बोर्ड परीक्षा नोट-- संपूर्ण पाठ्यक्रम वार्षिक परीक्षा में सम्मिलित है।		
फरवरी	05			

नोट:-सीबीएसई के द्वारा नवीन पाठ्यक्रम मिलने के उपरांत इस पाठ्यक्रम में फेरबदल संभव है।



संस्कृत पाठ्यक्रम 2025-2026
कक्षा-दशमी
पाठ्यक्रमानुसार निर्धारित पाठ्य पुस्तकें

1. संस्कृतमणिका — पाठ्यपुस्तकम भाग-2 प्रकाशनम रा०शै०प्र० अनु० परि०।

2. संस्कृत व्याकरण — सरस्वती मणिका व्याकरण भाग-2, सरस्वती पब्लिकेशन
पाठ्यक्रम का मासिक विभाजन-

अप्रैल (17) : पाठ्यपुस्तकात् — प्रथम पाठः — वाङ्मयं तपः द्वितीयः पाठः—नास्ति
त्यागसम सुखम सरलार्थम्, पाठाभ्यास कार्यम्, प्रसङ्गानुसारम् अर्थचयनम् कुरुत

व्याकरणानि: अपठितं गद्यांश, पत्र लेखनं, चित्रलेखनम्, वाक्यसंशोधनम्, अभ्यासकार्यम्।

मई (07) : पत्रलेखनम् अभ्यासकार्यम्, चित्रवर्णनम् अभ्यासकार्यम्, अपठित गद्यांशं पठित्वा
प्रश्नान् उत्तरत।

पाठ्यपुस्तकात् — तृतीयः पाठः—रमणीया हि सृष्टिः एषा, सरलार्थम्, पाठाभ्यास कार्यम्

व्याकरणानि: संवाद लेखनं/कथापूर्तिः, पाठात् कथापूर्तिः, अन्वयः/भावार्थम्

गतिविधि कार्यम्

गतिविधि कार्यम् —वाङ्मयं तपः पाठस्य आधारे मातुः सरस्वत्यै सचित्रं वर्णनं।

पंच श्लोकान् लिखत च।

परियोजना कार्यम्

परियोजना कार्यम् :झारखण्ड राज्यं तेलंगाना राज्यं भोजनम् कला संस्कृति विषये तुलनात्मक अध्ययनम्।

जून (12): पाठ्यपुस्तकात् — चतुर्थः पाठः — आज्ञा गुरुणां हि अविचारणीया—सरलार्थम्
पाठाभ्यासम्, पाठाधारितम् गद्यांशं

व्याकरणानि : समास प्रकरणात् तत्पुरुष — विभक्तिः नञ्, उपपदः

द्वन्द्वः समासः (तस्य भेदाः) उदाहरणानि।

अव्ययीभावः (अनु, उप, सह, निर, प्रति, यथा)

प्रथम समसामयिकी परीक्षा— पाठात् — पाठ 1 वाङ्मयं तपः, पाठ 2 नास्ति त्यागसम सुखम्(पद्यांशं/गद्यांशं)

व्याकरणात् — संवादलेखनम्, अपठित गद्यांश, समयलेखनम्, पाठात् कथापूर्तिः

जुलाई (24): पाठ्यपुस्तकात् — पंचम पाठः — अभ्याशवशगं, मनः, सरलार्थम्, पाठाभ्यासम्
पाठाधारितम् गद्यांशं, पद्यांश, नाट्यांशं
पठित्वा प्रश्नान्, उत्तरत। प्रश्ननिर्माणम्।

व्याकरणानि: सन्धिकार्यम् — स्वरसन्धिः (वृद्धिः, यण, अयादिः पूर्वरूपम्)

व्यंजनसन्धिः परसवर्णः (अनुस्वारस्थाने पंचमवर्णस्य प्रयोगः), तुगागमः,

वर्गीयप्रथमवर्णस्य तृतीयवर्णं परिवर्तनम्

विसर्गसन्धिः उत्त्व, रूत्व, विसर्गलोपः, विसर्गस्य स्थाने स, श, ष। समय निर्धारणम्।

अगस्त (21): पाठ्यपुस्तकात् — षष्ठः पाठः “राष्ट्रं संरक्षणमेव हि” सरलार्थम्, पाठाभ्यासम्।

सप्तमः पाठः — साधुवृत्तिं समाचरेत् सरलार्थम्/पाठाभ्यासम्, व्याकरणानि : अव्ययानि — इव,
उच्चैः, एव, नूनम्, इतस्ततः, विना, सहसा, वृथा, शनैः, इति, मा, यत, सम्प्रति, इदानीम्, अधुना,
यावत्, बहिः, कदापि, च, अपि, पुरा, अत्र—तत्र, यथा—तथा, कदा, श्वः, ह्यः किमर्थम्, कुत्र

वाच्यपरिवर्तनम् — केवलं लट्लकारे (कर्तृ-कर्म-क्रिया)

प्रत्ययाः — तद्धिताः (मतुप, ठक्, त्व, तल्) स्त्रीप्रत्ययौ — (टाप्, डीप)

द्वितीय समसामयिकी परीक्षा – पाठात् – पाठ 3 रमणीया हि सृष्टिः एषा,
पाठ 4 आज्ञा गुरुणां हि अविचारणीया (नाट्यांश/गद्यांश)

सितम्बर (07): व्याकरणात् –समास प्रकरणम्, प्रत्यय (मतुप्, ठक्, त्व, तल, टाप्, डीप्),सन्धि- स्वरसन्धि, अव्यय ।
पाठ्यपुस्तकात् – अष्टमः पाठः “तिरुक्कुरल सूक्ति-सौरभम्” सरलार्थम्/पाठाभ्यासम्
पर्यायपदानां विलोम पदानां वा मेलनम् अथवा वाक्येषु प्रयोगः। अशुद्धि संशोधनम्।
व्याकरणस्य पुनरावृत्ति कार्यम्। पाठात् – नाट्यांश,श्लोकांश, वाक्यसंशोधनं च।

अर्द्धवार्षिकी परीक्षायाः शुभारम्भः,

अक्टूबर (13): पाठ्यपुस्तकात् – नवमः पाठः-सुस्वागतं भो! अरुणाचलेऽस्मिन्, सरलार्थम्/पाठाभ्यासम्,
दशमः पाठः – “कालोऽहम्” (केवलम् आंतरिक मूल्यांकनाय)
एकादशः पाठः- किं किं उपादेयम् (केवलम् आंतरिक मूल्यांकनाय)
सरलार्थम्, पाठाभ्यासम् च, प्रश्ननिर्माणम्, गद्यांश, पद्यांश, नाट्यांश पठित्वा
प्रश्नान् उत्तरत अभ्यास कार्यम्। सम्पूर्णपाठ्यक्रमस्य पुनरावृत्ति कार्यम्
समयलेखनम्

नवम्बर (17): पुनरावृत्ति कार्यम् – संस्कृतव्याकरणात् – सन्धिः, समासः, प्रत्ययः, अव्ययाः, वाच्यम् इत्येषां
पुनरावृत्ति कार्यम्। पत्रलेखनाभ्यासम् औपचारिकम् अनौपचारिकम्,
चित्रवर्णनम् अथवा अनुच्छेदलेखनम् अभ्यास-कार्यम् अशुद्धि-संशोधनम्
व्याकरणात् – सन्धिः, समासः, प्रत्ययः, अव्ययाः, वाच्यम्, श्लोकांश,
वाक्यसंशोधनं च।

तृतीय समसामयिकी परीक्षा – पाठात् – पाठ 7साधुवृत्तिं समाचरेत् , पाठ 9
सुस्वागतं भो! अरुणाचलेऽस्मिन् (गद्यांश/नाट्यांश)
व्याकरणात् – वाच्य, वाक्यसंशोधनम्, सन्धि, समास, प्रत्यय, पाठात् कथापूर्तिः

प्राक्बोर्ड परीक्षायाः शुभारम्भः
दिसम्बर (19): पुनरावृत्ति कार्यम् – पर्यायपदानां विलोम पदानां वा मेलनम् अथवा वाक्येषु प्रयोगः।
अशुद्धि संशोधनम्। पति-व्याकरणस्य पुनरावृत्ति कार्यम्। पाठात्
– नाट्यांश, श्लोकांश, वाक्यसंशोधनं च। द्वितीय प्राक् बोर्ड

जनवरी (14) पुनरावृत्ति कार्यम् – अव्ययानि – इव, उच्चैः, एव, नूनम्, इतस्ततः, विना, सहसा, वृथा, शनैः,
इति, मा, यत, सम्प्रति, इदानीम्, अधुना, यावत्, बहिः, कदापि, च, अपि, पुरा,
अत्र-तत्र, यथा-तथा, कदा, श्वः, ह्यः किमर्थम्, कुत्र
वाच्यपरिवर्तनम् – केवलं लट्लकारे (कर्तृ-कर्म-क्रिया)
प्रत्ययाः – तद्धिताः (मतुप्, ठक्, त्व, तल्)
स्त्रीप्रत्ययौ – (टाप्, डीप्)

फरवरी (5) **बोर्ड परीक्षायाः शुभारम्भः**
इति शुभम्!

SUBJECT: MATHEMATICS

Prescribed Books

Publisher

I. Text book of N.C.E.R.T

N.C.E.R.T

Month	No. of Working Days	Chapters to be covered	Activity/Projects	Periodic Test Portion
April	17	1. Real Number: Fundamental Theorem of arithmetic ,proof of result —irrationality of $\sqrt{2}, \sqrt{3}, \sqrt{5}$,terminating/Non terminating decimals, Relation between HCF ,LCM and Two numbers. 2. Polynomials:-Zeroes of polynomials relationship between zeroes and co-efficients of quadratic . 3. Pair of Linear Equations in two variables: Introduction , Graphical solution ,Geometric representation of different possibilities of solution inconsistency.	Activity : To find H.C.F and L.C.M	Dt.:15.04.25 Ch.1 Real Number
May	07	Substitution , elimination method , Word problems. 4.Quadratic Equation :Standard form of Quadratic Equation $ax^2+bx+c=0$ solution by factorization & by the quadratic formula. Relation between discriminant & nature of roots. Situational problems based on Quadratic Equation.	Activity to verified the conditions of consistency /Inconsistency for pairs of linear equation in two variables by graphical method.	
June	12	6.Triangle :Introduction ,Thales theorem, Similar figure of criteria.		
July	24	8. Introduction to Trigonometry: T-ratios,T-ratios of some specific angles, geometric proof of T-ratios f $30^\circ, 45^\circ \& 60^\circ$, Relationship between the ratios, Proof and applications of the T- identities. 9. Some application of trigonometry : Simple problem on height & distance which involves not more than two right angles .Angle of elevation /depression should be only $30^\circ, 45^\circ, 60^\circ$. 10. Circles: Tangent to circle motivated by chords , Theorems.		Dt.:08.07.25 Ch.2 Polynomials Ch.3 Pair of Linear Equations in two variables Ch.4 Quadratic Equation
Aug	21	13. Statistics: Mean , Median, Mode of Grouped data ,cumulative frequency 14. Probability: classical def', simple problems on single events not using set notation. 7. Co — ordinate Geometry:-Lines (In two —dimensions),distance between two points. Section formula (internal),	Activity based on distance formula by graphical method.	Dt.25.8.25 Ch 6 Triangle Ch 8. Introduction to Trigonometry Ch. 9 Some application of trigonometry
Sep	07	Revision of Half –Yearly 11. Area related to circles: Area of sectors &segment ,problems on areas & perimeter circumference of the said plane figure involving triangles.		
Oct	13	5. Arithmetic Progression: Derivation of standard result of finding the nth term &sum of first n term & their application in solving daily life problem. 12. Surface Area &Volume: Surface Area &Volume of combination of any two or more shapes.	Activity based on A.P sum of first n natural numbers	
Nov	17	Revision For Pre Board Exam-1 and CBSE Sample Paper		
Dec	19	Revision for Pre Board Exam-2		

Class: Xth**Subject: Physics****Book Prescribed :NCERT–X****MONTH WISE SYLLABUS BREAK-UP****SESSION: 2025 – 26**

Month's Name	No. of Working days	Chapter	Content/ Subtopic in detail	Project/Assignment	Periodic Test Portion
TERM-I					
April	17	Light – Reflection and Refraction:	Introduction of Light, Reflection of light, plane mirror and spherical mirror, image formation by plane mirror, and spherical mirror, Centre of curvature, principal axis, principal focus, focal length. Mirror formula. Sign convention for reflection by spherical mirror,	find the focal length of concave mirror and convex lens by obtaining the image of a distant object.	PT 1 Dt.28.04.25 Ch.1 Light Up to image formation by concave mirror
May	07	Light–Reflection And Refraction:	Mirror formula and Magnification.		
June	12	Light – Reflection and Refraction:	Laws of Refraction of light, Refractive index, Refraction of spherical lens, Image formation by lenses, ray diagram, sign convention for spherical lenses. Lens formula & its magnification. Power of a lens. Refraction through glass lab.	To trace the path of rays of light Through a glass lab.	
July	24	Light – Reflection and Refraction: The Human eye and the colourful world.	Sign convention for lenses, lens formula and magnification, Power of a lens. The Human eye and the colourful world –The Human eye, Power of accommodation, Defect of vision and their corrections, working of human eye, persistence of vision viewing different colours: Power of accommodation of human eye. Refraction of light through a prism, Dispersion of white light by a glass prism, composition of white light. Visible spectrum, causes of Dispersion, Recombination of spectrum, colours, To show refraction through prism rainbow. Scattering of light, examples of the scattering of light.	Refraction of light through glass prism.	PT 1 Dt.21.07.25 From mirror formula to image formation by convex lens

August	21	Electricity: Electric current and circuit	Electric potential and potential difference, circuit diagram, Ohm's Law. Resistance, factors on which it depends, resistance of a system of resistances. Resistors in Series and parallel combination of resistors and its application. Heating effect of electric current, and practical applications of Heating effect of electric current, electric power.	To study the dependence of potential difference (V) across a resistor on their current I passing through it & determine its resistance. Also plot the graph between V –I.	PT3 18.08.25 From lens formula to dispersion of light.
September	07		Revision Half Yearly Examination + Discussion		
October	13	Magnetic Effects of Electric Current:	Magnetic field, field lines, Magnetic field due to a current carrying conductor, coil, solenoid. Force exerted by a current carrying conductor placed in a Uniform magnetic field, Right hand thumb rule, Fleming's left and right hand rule, electromagnetic induction, induced Potential difference, Induced current,	To determine the equivalent resistance of two resistor when connected in Series.	PT 4 Date 06.10.25 Electricity whole chapter.
November	17	Magnetic Effects of Electric Current: (Contd.)	Domestic electric circuits, Direct current, Alternating current, Frequency of AC, Advantage of AC over DC And Domestic Circuit.	To determine the equivalent resistance of two resistor when connected in Parallel.	
December	19		Revision for Board Exam,		
January	14		Revision & Pre-board Exam conducted		

Std X**Syllabus 2024-25****Books Prescribed:** Science Textbook for Class XPublisher: **NCERT****CHEMISTRY**

Month	No of Working days	Chapters to be covered	CONTENT / SUBTOPICS WITH DETAILED BREAK-UP	Practical/ Lab Activities	PERIODIC TEST PORTION
April	17	Chemical Reactions and Equations	Chemical change and chemical reactions with day to day life examples 2.Characteristics of chemical reactions,endothermic and exothermic reactions 3.Chemical equations and balancing of chemical equations 4.Types of chemical reactions A.Combination B.Decomposition C.Displacement D.Double displacement E.Oxidation-reduction All with examples(Balanced chemical equations) Effect of oxidation in our everyday life 1.Corrosion 2.Rancidity	Prac.1.To find the pH value of different solutions with the help of pH chart paper or universal indicator: 1.Dil.HCl 2.Dil.NaOH 3.Distilled Water 4.Dil.NaHCO ₃ solution 5.Lemon juice Prac2.To study and classify different types of chemical reactions: 1.Combination 2.Decomposition 3.Displacement 4.Double displacement	Chemical Reactions and equations - Chemical equations,balancing,types of chemical reactions - combination,decomposition,displacement, double displacement Date- 28.04.25
May	07	Acids, Bases and Salts	Acids,Bases and Salts - upto acids only Topic: 1.Physical and Chemical properties of acids	Prac.3.Observing the action of zinc,iron,copper and aluminium metals for the following salt solutions: a.zinc sulphate b.copper sulphate c.Ferrous sulphate d.Aluminium sulphate Prac.4 Arranging the metals in the decreasing order of reactivity, based on the results obtained from t	
June	12	Acids, Bases and Salts continued	Acids,Bases and Salts completed and revision 2.Physical and chemical properties of bases 3..Common in all acids and all bases 4.How strength of an acid or base is measured(pH scale and universal indicator) 5..Importance of pH in everyday life 6.Salts and family of salts	Prac.5.To study the properties of acids(dil. HCl) and bases (dil.NaOH) by their reactions with Litmus solution Zinc metal	

July	24	Acids,Bases,Salts completed Metals and Non-metals	Salts continued Chemicals from common salt(preparation,properties and uses) a) Sodium hydroxide b) Washing soda c) Baking soda d) Bleaching powder e) Plaster of paris 7.Water of crystallisation Topic- Physical properties of metals and non-metals	Prac.6To study the properties of acetic acid	Acids,bases ,salts- properties of acids and bases,what happens to an acid or a base in a water solution?pH scale,importance of pH in everyday life Date- 21.07.2025
August	21	Metals and Non- metals Completed	Chemical properties of metals and non- metals Reactivity series How do metals and non- metals react? Properties of ionic compounds Occurrence of metals Extraction of metals(Steps involved in high,medium and low reactivity series) Corrosion and		Metals and non- metals - physical and chemical properties ,reactivity series,how do metals and non- metals react Date:18.08.2025
September	07	Revision and half-yearly exam conducted.	HALF YEARLY EXAM		
October	13	Carbon and its compounds:	1.Bonding in carbon-the covalent bond 2.Versatile nature of carbon(catenation,tetravalency etc.) 3.Saturated and unsaturated carbon compounds 4.chains branches and rings 5.Functional groups,homologous series,isomerism 6.IUPAC nomenclature of carbon compounds 7.Chemical properties of carbon compounds a.combustion b.oxidation c.addition d.substitution 8.Important carbon compounds(physical and chemical properties and uses) a)Ethanol b) Ethanoic acid 9.Soaps and detergents- cleansing action of soaps	Prac.7 TO study the comparative cleansing capacity of soap in a sample of soft water and hard water	Carbon and its compounds- whole chapter Date: 06.10.2025
November			Revision and Preboard exam.		
December	19	Revision for Pre- Board Exams.			
January	14	Pre-board exams			
February	05				

Class: X

Subject: Biology

MONTH WISE SYLLABUS BREAK-UP

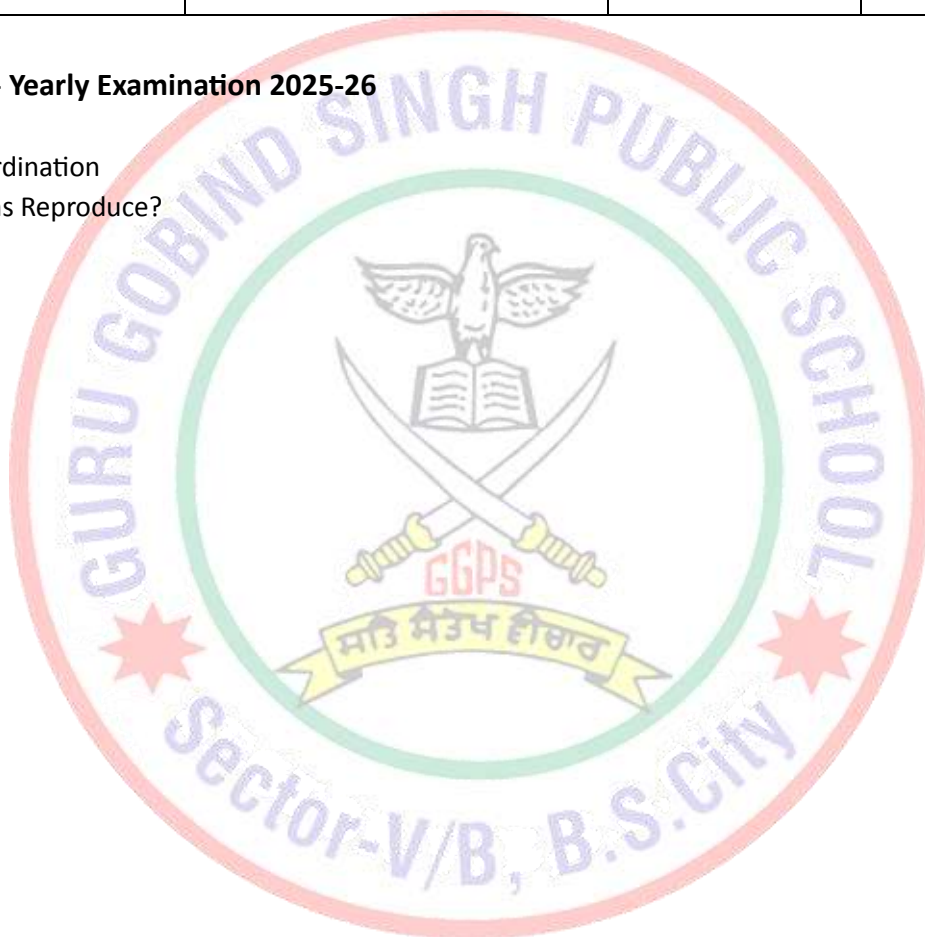
SESSION: 2025 – 26

Months	No of working days	Chapter/ Topic	Content / Subtopic in detail Breakup of the chapters content wise.	Activity/Project	Periodic Test Portion
April	17	Life Processes	What are life processes? , Nutrition in plants, Nutrition in amoeba and Nutrition in human being. Respiration— Aerobic and Anaerobic respiration, Break-down of glucose by various pathways. Respiration in plants and Human respiratory system. Transportation in animals and plants.	To prepare a temporary mount of a leaf peel to show stomata. Practical-I	Dt:28.04.25 PT1: Chapter Life Process: Types of nutrition and Photosynthesis Nutrition in Human Being & Amoeba. Digestive System in Human Being . Respiratory System in plants & animals. Transportation of substances in plants and animals.
May	07	Life Processes + Control and Co- ordination	Introduction of Excretion. Human Excretory System. Excretion in plants. Control and Co-ordination in animals and plants : Movements in plants. Plant Hormones.	Experimentally show that carbon dioxide is given out during respiration. Practical-II	
June	12	Control and Co- ordination	Control and Co-ordination in animals : Nervous system; Voluntary, Involuntary and Reflex action; Chemical co- ordination: Animal Hormones Revision of control and coordination.	Make a model/ chart to show different endocrine glands in human being.	
July	24	How do Organisms Reproduce?	Reproduction in animals and plants (Asexual and Sexual Modes)		Dt:21.07.25 PT2: Excretion in plants and animals,
August	21	How do Organisms Reproduce? Heredity and Evolution	Reproductive Health- need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing and women's health. Reproduction chapter completed. Heredity; Mendel's contribution- Laws of inheritance of traits.	Studying (a) Binary fission in Amoeba and (b) Budding in Yeast with the help of prepared slides. Practical-III	Dt:18.08.25 PT3: Control & Coordination (Complete chapter). How do Organisms Reproduce? (Till Asexual Reproduction)
September	07	Revision and Half Yearly Examination			
October	13	Heredity and Evolution	Sex determination in human.	Make a chart to show sex determination in human.	Dt:06.10.25 PT4: How do Organisms Reproduce? (Sexual Reproduction & Reproductive Health)

		Our Environment	Our Environment: Ecosystem-What are its components?, Food Chains and Webs, Ozone layer and how it is getting depleted , Managing the Garbage We Produce. Our Environment chapter completed.	To identify the different parts of an embryo of a dicot seed (Pea, Gram or Red kidney bean). Practical-IV	Heredity and Evolution (Complete Chapter) Mendel's contribution- Laws of inheritance of traits Sex determination in human.
November	17		Revision and Pre-Board Exam		
December	19		Revision and Pre-Board Exam		
January	14				
February	05	-----			

Note: Portion of Half - Yearly Examination 2025-26

- Life Processes
- Control and Co-ordination
- How do Organisms Reproduce?



SUBJECT : HISTORY, CIVICS AND ECONOMICS

SPLIT UP OF SYLLABUS [SESSION 2025 – 2026]

PRESCRIBED BOOKS :

HISTORY: India and the Contemporary world – II(NCERT)

CIVICS: Political Science Democratic Politics II (NCERT)

ECONOMICS : Understanding Economic Development.(NCERT)

Month's Name	No. of Working Days	Chapter/Topic	Content/Sub topic in detail /Map pointing	Experiment/Project/ Activity/Integrated teaching (Integrated syllabus)
TERM-I				
April PT1 (21.04.2025 Portion History Ch-1 The Rise of Nationalism in Europe	17	History Ch.1 The Rise of Nationalism in Europe Political science Ch.1 Power Sharing Economics	<ul style="list-style-type: none"> • The French Revolution And the Idea of the Nation • The making of Nationalism in Europe • The Age of Revolutions • The making of Germany And Italy • Visualizing the Nation • Nationalism and Imperialism • Belgium and Sri Lanka • Majoritarianism in Sri Lanka • Accommodation in Belgium • Forms of Power Sharing • What is Development 	1) Historical album on "The great nationalist of Europe. 2) Time-lime chart on events of European national movement *Integration with visual Art-painting of Frederic Sorrieu and Romanticism. State the Prudential and moral reasons of power sharing
		Ch.1Development	Promises-Different people, Different Goals. <ul style="list-style-type: none"> • Income and other goals • National Development • How to compare different Countries or states • Income and other criteria/facilities • Sustainability of Development 	*Integration with geography for location of Sri Lanka and Belgium Do Activity table 1.5 and table 1.6. *Integration with Geography and Biology to know more a about sustainable development
May	07	Political Science CH-2 Federalism	<ul style="list-style-type: none"> • What is federalism? • What makes India federal country? • How is federalism practiced? • Decentralization in India. 	Debate on the federal structure of Indian government. * Integration with history

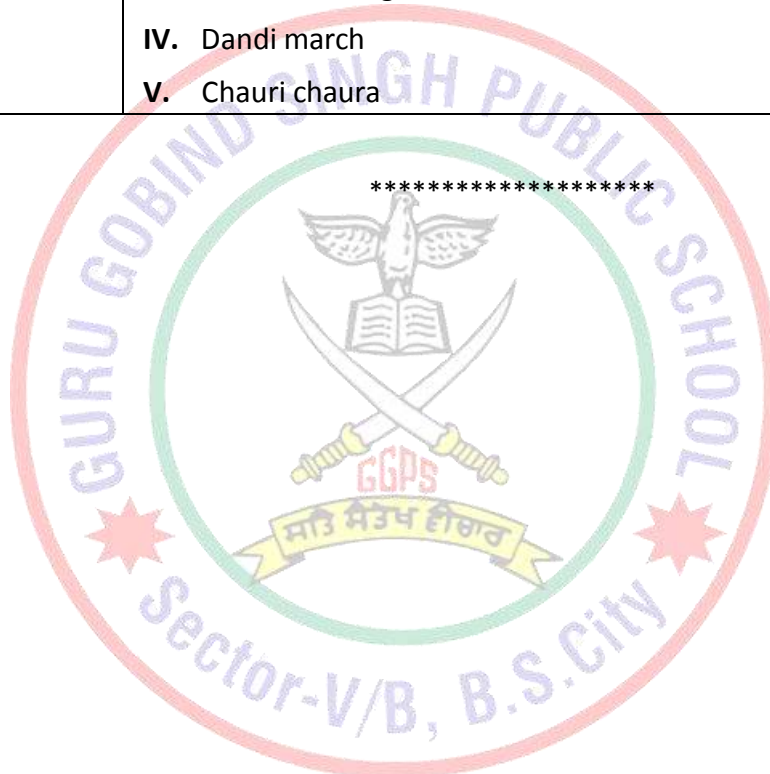
June	12	History CH-2 Nationalism in India	<ul style="list-style-type: none"> • The First World War, Khilafat and Non-cooperation • Differing strands within the movement • Towards Civil Disobedience • The sense of Collective Belonging 	<p>Compare the images of Bharat Mata in this chapter with the image of Germania in CH-1</p> <p>Map pointing</p> <p>*Integration with Geography</p> <p>For the location of congress sessions and nationalist movement at different places</p>
July PT2 (14.07.2025) Portion: Political Science Chapter 2 Federalism Economics Chapter 1 Development	24	History Ch.3 The making of a Global World	<ul style="list-style-type: none"> • Subtopics:1 to 1.3 • Pre modern world to Conquest, Disease and Trade 	<p>Prepare a flow chart to show how Britain's decision to import food led to increases migration to America and Australia.</p>
		<u>To be Evaluated in the Board Examination</u>	For Inter Disciplinary Project: <ul style="list-style-type: none"> • Sub topics 2 to 4.4 • The nineteenth century (1815-1914) to End of Bretton woods & the beginning of "Globalisation." 	*Integration with Economic for making global world
		Political science Ch.3 Gender, Religion and Caste	<ul style="list-style-type: none"> • Gender and politics • Religion, Communalism and Politics • Caste and politics 	<p>Making album or collage on government policies regarding gender religion and caste</p> <p>*Integration with history to know the rigid caste system</p> <p>Chart on loan activities of Bank</p> <p>A chart showing classification of various activities into primary, secondary and tertiary sector</p> <p>*Integration with geography to classify three sectors based on different activities</p> <p>Categories the working Conditions in organized and unorganized sectors.</p>
		Economics Ch.2 Sectors of the Indian Economy	<ul style="list-style-type: none"> • Sectors of the Economic activities • Comparing the three sectors • Primary, Secondary and Tertiary sectors in India • Division of sectors as organized and unorganized • Sectors in terms of ownership: Public and Private sectors. 	
		Economics Ch.3 Money and Credit	<ul style="list-style-type: none"> • Money as a medium of Exchange • Modern forms of money • Loan activities of Banks • Two different credit situations 	*Integration with mathematics calculation of interest rate on loan and deposits.

August	21	History Ch.4 The Age of	<ul style="list-style-type: none"> Before the Industrial Revolution 	Select anyone industry in
		Industrialization (To be assessed in the periodic assessment)	<ul style="list-style-type: none"> Hand labour and steam power 	Your region and find out its history (including technology change availability of worker's advertisement policies)
			<ul style="list-style-type: none"> Industrializati 	*Integration with Economic to know the impact of
		Political Science	<ul style="list-style-type: none"> Factories come up 	
		Ch.4Political Parties	<ul style="list-style-type: none"> Why do we need political parties? How many parties should we have? National Political Parties State Parties Challenges to political parties How can parties be reformed? What is Globalization? Factors that have enabled Globalization 	Collage work from Ch.5(It is only the part of project)- Showing Social movements and pressure groups trying to mobilize citizens in many ways. *Integration with history to know about the origin of political parties.
		Economics Ch. 4 Globalisation and the Indian Economy <u>To be evaluated in the Board Examination</u> Political Science Ch.5 Outcomes of Democracy	For Inter Disciplinary project; <ul style="list-style-type: none"> Production across the countries Chinese toys in India World trade organization The Struggle For a Fair Globalization How do we assess democracy's outcomes? Accountable, Responsive and Legitimate Government Economic growth and Development Reduction of in equality and poverty Accommodation of social diversity Dignity and freedom of the citizens Thinking about challenges Thinking about political reforms Redefining of Democracy 	Prepare a chart on the role of WTO to promote globalization *Integration with geography to know about importance of foreign trade. <ul style="list-style-type: none"> Debate on Democracy is the better than dictatorship Integration with economic to know the economic out comes of Democracy. Fill the charts given in page no 106 and 107 showing different types of challenges to democracy

September Periodic test 3 (01.09.2025) P.T.3 portion: History chapter 2 Nationalism in India. Economics chapter 3 money and credit.	07	Revision & Half Yearly Exams		
TERM-II				
October	13	History Ch. 5 Print culture and the modern world. Economics Ch. 5 Consumer Rights(Only for project)	<ul style="list-style-type: none">• The first printed books• Print comes to Europe• The Print Revolution and its impact• The Reading Mania• The Nineteenth Century• India and the World of Print• Religious Reform and Public Debates• New forms of publication• The Consumer in the market place• Consumer movement• Consumer Rights• Taking the consumer movement forward	<ul style="list-style-type: none">• Debate on in favour and against of print culture• *Integration with geography to know the origin and spread of print .• Find out more about the changes in print technology in the last 100 years.• Prepare posters with catchy slogans like:<ul style="list-style-type: none">• An alert consumer is a sale consumer• Buyers, Beware• Consumers be cautious• Be aware of your rights-• As consumers, assert your rights• Arise, awake and stop not• till (Complete it)
November	17	Revision and pre board examination.		
December	19	Revision and Mock Test /Pre-Board Examination		
January	14	<ul style="list-style-type: none">• Revision, remedial classes• Practice Of CBSE SampleQuestion Paper		
February	05	<ul style="list-style-type: none">• Revision Of Previous Year's Boards Question Paper		

LIST OF MAP ITEMS

Subject	Name of the Chapter	List of Areas to be pointed on the Map
History	Nationalism in India	<p>I. Congress sessions:</p> <ul style="list-style-type: none"> • 1920 Calcutta • 1920 Nagpur. • 1927 Madras session, <p>II. 3 Satyagraha movements:</p> <ul style="list-style-type: none"> • Kheda • Champaran. • Ahmedabad mill workers <p>III. Jallianwala Bagh</p> <p>IV. Dandi march</p> <p>V. Chauri chaura</p>



SUBJECT – GEOGRAPHY

Prescribed book – Social Science, Contemporary India II

Class – X

Publisher – NCERT

MONTHS	NO. WORKING DAYS	CHAPTERS TO BE COVERED	ACTIVITY	PROJECT
April	17	<p>1. a. Resource and Development.</p> <ul style="list-style-type: none"> • Introduction • Development of Resources • Resource Planning • Resource Planning in India - Conservation of Resources <p>b. Land use and Soil Resources.</p> <ul style="list-style-type: none"> • Land Utilisation • Land Use Pattern In India • Land Degradation And Conservation Measures • Soil as a Resource • Classification of soils • Soil Erosion and conservation <p>CH – 1. Resources and Development & CH – 2. (Upto Classification of species)</p>	Draw a table or flow chart showing classification of resources. Draw a pie chart for land use pattern and India's waste land. Map skill – Types of Soil. Draw a diagram of a soil profile.	----
PT – 1 (21.04.25)	Portion :			
		<p>Lesson 2 : Forest and Wildlife Resources.</p> <ul style="list-style-type: none"> - Introduction - Biodiversity. - Flora and Fauna In India - Classification of Species - Case Study on Asiatic Cheetah - Case Study On Himalayan Yew - Reasons of Destruction of Forest and Wildlife Resources - Conservation of Forests and Wildlife in India - Case Study on Project Tiger - Types and Distribution of Forests and Wildlife Resources - Role of Community Conservation - Case Study on Sacred Groves 	Collect information on Endangered Flora and Fauna of India and Measures adopted for their Conservation	G20 Meet in Jharkhand and Goa in reference to 'ENERGY TRANSITION'.

May	07	<p>Lesson 3 : Water Resource.</p> <ul style="list-style-type: none"> - Introduction - - Water Scarcity and the Need for Water Conservation and Management - - Multi Purpose River Projects And Integrated Water Resource Management - - Rain Water Harvesting. <p>Lesson 4 : Agriculture. -</p> <ul style="list-style-type: none"> - Introduction - - Types of Farming - - Cropping Patterns - - Major Food Crops 	<p>On an outline political map of India mark and label the major multipurpose river projects.</p> <p>Collect information about flood prone areas of the country.</p> <p>Rain Water harvesting techniques practised in the Country.</p> <p>Chapter 4.</p> <p>Prepare a table or flow chart to show the major crops grown in India.</p> <p>Map skill- On a political map of India shade the areas where Rice and Wheat are grown</p>	
June	12	<p>Lesson 4 : Agriculture contd....</p> <ul style="list-style-type: none"> - Food crops other than grains. - Horticulture crops - Non Food Crops - Technological and Institutional Reforms - Contribution of Agriculture to National Economy <p>Lesson 5 : a. Mineral and Energy Resources:</p> <ul style="list-style-type: none"> - Mode of Occurrence of Minerals - Ferrous Minerals - Non Ferrous Minerals - Conservation of Minerals 	<p>Chapter 5</p> <p>Map Skill – Distribution of Important Minerals in India.</p>	-----
July PT – 2 (14.07.2025)	24 Portion :	<p>Lesson 5 : b. Energy Resources</p> <ul style="list-style-type: none"> - Conventional Sources of Energy. - - Non Conventional Sources of Energy - - Conservation of Energy Resources <p>CH – 3. Water Resources (Water Conservation –need & importance)</p>	<p>On a political map of India show the distribution of Coal, Oil, Natural Gas, Nuclear and Thermal Power Plants.</p> <p>Collect information about newly established Wind and Solar Power Stations or Plants in India.</p>	----

		CH – 4. Agriculture. CH – 5. (Conventional Sources of Energy) Lesson - 6 ; Manufacturing Industries ;		
		- Industrial Location -Classification of Industries - Agro Based Industries. Textile Industry- Cotton, Jute Sugar Industry		
August	21	Lesson 6 : Manufacturing Industries : - Mineral Based Industries - Iron and Steel Industry - Aluminium Smelting, Chemical, Fertilizer, Cement Industry - Automobile Industry - Information Technology and Electronics Industry - Industrial Pollution and Environmental Degradation CH – 6. Manufacturing Industries CH – 7. Lifelines of National Economy (Road Transport) Half---- yearly ---- Revision----	Map skill : Major Industries of India. Collect information about the Steel Plants located in the Deccan Plateau Region	----
PT – 3 (01.09.2025)	Portion :			
September	07		----	----
October	13	Lesson 7 : Life Lines of National Economy. - Introduction. - - Transport : Roadways, Railways, Pipelines, Waterways and Airways. - - Communication. - - International Trade. - Tourism as a Trade.	Map skill : Roadways, Major Sea Ports and Airports	----
November	17	Revision and Pre-Board Examination.	----	----
December	19	Revision and Pre-Board Examination	----	-----

ARTIFICIAL INTELLIGENCE (417)
MONTH WISE SYLLABUS BREAK-UP
CLASS X

SESSION: 2025– 26

Month's Name	No. of Working Days	Unit No./ Title	Content/Topic	Practical	Periodic Test Portion
April	17	PART A :Unit 1: Communication Skills –II	<ul style="list-style-type: none"> • Method of communication • Communication cycle • Elements of communication • Importance of feedback and types • Basic writing skills 	<u>LAB ACTIVITY:</u> Introduction to Python	
		PART A: Unit 2: Stress Management Skills-II	<ul style="list-style-type: none"> • Meaning and importance of stress management • Stress management techniques • Importance and enhancing the ability to work independently • Self awareness, Self motivation, Self regulation 	<u>LAB ACTIVITY:</u> Introduction to Python	
		PART B :Unit 1: Revisiting AI Project Cycle &Ethical Framework of AI	<ul style="list-style-type: none"> • Understanding the stages of the AI Project Cycle 	SOF Nation Cyber Olympiad: MCQ based on Fundamentals of computer	
May	07	PART B :Unit 1: Revisiting AI Project Cycle &Ethical Framework of AI	<ul style="list-style-type: none"> • Introduction to AI Domains • Ethical Frameworks of AI 	SOF Nation Cyber Olympiad: MCQ based on Database Management System	
June	12	PART B UNIT 2: Advance Concepts of Modeling UNIT 7 Advance Python	<ul style="list-style-type: none"> • Revisiting AI ,ML and DL • Familiarize with Supervised, Unsupervised and Reinforcement learning based approach • Artificial Neural Networks • Data types and Variable • Control Statements (if, if-else, elif) <ul style="list-style-type: none"> • While loop • For loop 	Session: The three domains of AI and their applications. The three domains of AI and their applications. Programs related to control statements and looping.	PT1: PART A :Unit 1: Communication Skills –II PART A: Unit 2: Stress Management Skills-II PART B :Unit 1: Revisiting AI Project Cycle &Ethical Framework of AI

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November	12		● Revision and Pre Board Examination		PT3: PART A Unit 4: Entrepreneurial Skills PART B Unit 5: Computer Vision Unit 6: Natural Language Processing
December	19				
January	17				
February	10				
Note: Whole syllabus will be covered in the Annual Examination					



STD. –X SUBJECT:- GAME
SYLLABUS SESSION 2025-2026

Month's Name	No.of working days	Event./ Topic			
April	17	Volley ball - Fundamental skills * Serving * Passing * Setting or boosting * Drive and rolling			
May	07	Kabaddi - Fundamental skills *Touching and defensive skills * Dodging * Raid * Holding the breath * Catching			
June	12	Kho kho - Fundamental skills * Chasing skills * Defensive skills * Pole drive skills			
July	24	Basketball-Fundamental skills * Basic stance * Passing * Dribbling * Shooting			
August	21	Football- Fundamental skills * Passing * Kicking * Dribbling * Shooting			
September	07	Chess - Fundamental skills * Tactics * Calculation * Visualization * Strategy * Opening			
October	13	Handball - Fundamental skills * Holding the ball * Dribbling the ball * Catching the ball * Throwing the ball * Passing the ball * Shooting the ball			
November	17	Judo - Fundamental skills * Throwing techniques * Grappling techniques			

		<ul style="list-style-type: none"> * Grip techniques * Striking techniques 			
December	19	Badminton-Fundamental skills <ul style="list-style-type: none"> * Proper grip * Strong footwork * Serves * Clears, lifts , net shots 			
January	14	Cricket - Fundamental skills <ul style="list-style-type: none"> * Bating * Bowling * Strokes * Catching * Fielding * Wicket keeping 			
February	05	Athletic - Fundamental skills <ul style="list-style-type: none"> *Running (100,200,400,800m) * Jumping (high jump,long jump) * Throwing (Shotput, Discuss) 			

