

H.M. EDUCATION CENTRE
COMPILED SYLLABUS OF CLASS-XII
ACADEMIC SESSION: 2026-2027

Subject	Unit Test 1	Unit Test 2	Pre Boards
English	<u>READING SKILLS:</u>	<u>READING SKILLS:</u>	<u>READING SKILLS:</u>
	1. Factual/ Descriptive/ Literary Passage	1. Factual/ Descriptive/ Literary Passage	1. Factual/ Descriptive/ Literary Passage
	2. Case-based Passage (with verbal/ visual inputs like statistical data, charts etc.)	2. Case-based Passage (with verbal/ visual inputs like statistical data, charts etc.)	2. Case-based Passage
	<u>CREATIVE WRITING SKILLS:</u>	<u>WRITING SKILLS:</u>	<u>WRITING SKILLS:</u>
	1. Notice Writing	1. Notice Writing	1. Notice Writing
	2. Formal Invitation and Reply	2. Informal Invitation and Reply	2. Formal/Informal Invitation and Reply
	3. Letters to the Editor	3. Report Writing	3. Application for a Job with bio data or resume/ Letters to the editor
	4. Article writing	4. Application for a Job with bio data or resume	4. Article Writing/ Report Writing
	<u>FLAMINGO (PROSE):</u>	<u>FLAMINGO (PROSE):</u>	<u>FLAMINGO (PROSE):</u>
	1. The Last Lesson	1. Deep Water	1. The Last Lesson
	2. Lost Spring	2. The Rattrap	2. Lost Spring
	<u>(POEM):</u>	3. Indigo	3. Deep Water
	1. My mother at Sixty Six	4. The Last Lesson (R)	4. The Rattrap
	2. Keeping Quiet	5. Lost Spring (R)	5. Indigo
	<u>VISTAS:</u>	<u>POEM:</u>	6. Poets and Pancakes
	1. The Third Level	1. A Thing of Beauty	7. The Interview
	2. The Tiger King	2. A Roadside Stand	8. Going Places
		3. My mother at Sixty Six (R)	<u>(POEM):</u>
		4. Keeping Quiet (R)	1. My Mother at Sixty Six
		<u>VISTAS:</u>	2. Keeping Quiet
	1. Journey to the end of the Earth	3. A Thing of Beauty	
	2. The Enemy	4. A Roadside Stand	
	3. The Third Level (R)	5. Aunt Jennifer's Tigers	
	4. The Tiger King (R)	<u>VISTAS:</u>	
		1. The Third Level	
		2. The Tiger King	

			3. Journey to the end of the Earth
			4. The Enemy
			5. On the Face of it
			6. Memories of Childhood
			· The Cutting of My Long Hair
			We Too are Human Beings
			** Full Syllabus as per CBSE curriculum
Mathematics	Relations & Functions, Inverse Trigonometric Functions, Differentiation (1st & 2nd Order), Continuity & Differentiability, Application of Derivatives.	Matrices, Determinants, Relations & Functions, Inverse Trigonometric Functions, Differentiation (1st & 2nd Order), Integrals (Indefinite & Definite).	Differentiation (1st & 2nd Order), Continuity & Differentiability, Application of Derivatives, Matrices, Determinants, Relations & Functions, Inverse Trigonometric Functions , Integrals (Indefinite & Definite) , Application of Integrals , Differential Equations , Linear Programming Problems, Vectors, Three Dimensional Geometry
Applied Mathematics	1. MODULO ARITHMATIC,	7. RACES AND GAMES,	13. INTEGRATION (INDEFINITE AND DEFINITE) AND ITS APPLICATIONS,
	2. BOATS AND STREAMS,	8. ALLIGATION AND MIXTURE,	14. DIFFERENTIAL EQUATIONS AND
	3. NUMERICAL INEQUALITIES.	9. PIPE AND CISTERNS	15. PROBABILITY DISTRIBUTIONS (BASIC IDEAS, MATHEMATICAL EXPECTATION, VARIANCE, BINOMIAL DISTRIBUTION, POISON
	4. MATRICES AND ITS VARIOUS PROPERTIES,	10. HIGHER ORDER DERIVATIVES AND ITS APPLICATIONS,	16. INFERENCE STATISTICS (POPULATION AND SAMPLE, PARAMETER, t-TEST).
	5. DETERMINANTS,	11. INCREASING AND DECREASING FUNCTIONS,	17. FINANCIAL MATHEMATICS (PERPETUITY, SINKING FUNDS, EMI, RETURNS, DEPRECIATION
	6. SOLVING SYSTEM OF SIMULTANEOUS EQUATIONS USING MATRIX METHOD, CRAMER'S	12. MAXIMA AND MINIMA.	18. LPP (INTRODUCTION, FORMULAS, TYPES, GRAPHICAL REPRESENTATION, FEASIBLE AND
			** Full Syllabus as per CBSE curriculum
Computer Science	1. Python Revision Tour I	1. Python Library	1.Net working Concept
	2. Python Revision Tour II	2. Data Structure	2.Database Management System
	3. Function	3. File Handling	3.SQL
			4.Joining
			5.Python Interface with SQL Database
			** Full Syllabus as per CBSE curriculum
	Macro Economics	Macro Economics	Macro Economics

Economics	1. Introduction	1. National income and related aggregates.	1. Introduction
	2. Some Basic Concepts of Macroeconomics	2. Methods of calculating national income.	2. Some basic concepts of Macroeconomics
	3. National Income and Related Aggregates	3. Money and Banking	3. National income and related aggregates.
	4. Methods of calculating National Income	4. Aggregate demand, aggregate supply and related concepts.	4. Methods of calculating national income.
	Indian Economic Development	5. Short run equilibrium output.	5. Money and Banking
	1. Indian Economy on the Eve of	Indian Economic Development	6. Aggregate demand, aggregate supply and
	2. Five Year plans in India	1. Five year plans in India	7. Short run equilibrium output
	3. Features , Problems and Policies of Agriculture	2. Features, policies and problems of agriculture.	8. Problem of Deficient and excess demand.
	4. Strategy of Industrial growth(1947-1990)	3. Strategy of industrial growth	9. Government Budget.
	5. India's foreign trade.	4. India's foreign trade.	10. Foreign Exchange Rate
		5. New economic policy	11. Balance of Payments
		6. Poverty.	Indian Economic Development
			1. Indian Economy on the Eve of Independence
			2. Five year plans in India
			3. Features, policies and problems of
			4. Strategy of industrial growth
			5. India's foreign trade.
			6. New economic policy
			7. Poverty.
			8. Human capital formation in India
			9. Rural Development
			10. Employment and Unemployment
			11. Infrastructure
		12. Environment and Sustainable development	
		13. Development Experience of India: A comparison with neighbours.	
		** Full Syllabus as per CBSE curriculum	
Psychology	Chapter 1- Variations in Psychological Attributes	Chapter 4- Psychological Disorders	Chapter 2- Self and Personality
	Chapter 2- Self and Personality	Chapter 5- Therapeutic Approaches	Chapter 4- Psychological Disorders
	Chapter 3- Meeting Life Challenges	Chapter 6- Attitude and Social Cognition	Chapter 5- Therapeutic Approaches
	*Practical- On Intelligence	*Practical- i)On Personality	Chapter 6- Attitude and Social Cognition
	*Project- Case Study	ii)STAI (On Anxiety)	Chapter 7- Social Influence and Group Processes

PSI			*Practical- i) On Adjustment
			ii) On Self Concept
			** Full Syllabus as per CBSE curriculum
Hindi	Literature-	Literature-	Literature-
	1- Atmaparichay, EkGeet	1 – Rubaiyaan	1- Atmaparichay, EkGeet,
	2- Usha	2- Patang	2- Patang
	3 - Bhaktin	3- Badal raag	3- Usha
		4- Kale meghapani de	4 - Cameremein band apahij
	Language –	5- Pahalwankidholak	5 - Bhaktin
	1- Anucched lekhan	6- Jujh	6 - Bazar Darshan
	2- Jan Sanchar Madhyam	Language –	7- Kavita ke bahane , Baatsidhi thi par
	3 - Unseen Comprehension	1- ApathitPadyansh	8- Saharsh swikara hai
		2- Formal letter writing	9- Badal raag
		3- Samacharlekhan	10- Kale meghapani de
		4- Visheshlekhan swarup prakar	11- Pahalwankidholak
			12- Jujh
			13– Kavitawali , Lakmanmurcha aur Ram kavilapr
			14- Rubaiya, Gazal
			15- Chhotamerakhet
			16- Bagulon ke pankh
			17- Charlie chaplin yani hum sab
			18- Namak
			19- Ateet mein dabe paanv
			Language –
			1- Anucched lekhan
			2- Jan Sanchar Madhyam
			3- Unseen Comprehension
			4- Kavita, kahani, Natak ki rachana prakriya par aadharit laghutariprashan.
			5- Apathit Padyansh
			6- Formal letter writing
		7- Samachar lekhan	
		8- Vishesh lekhan swarup aur prakar	
		9- Aalekh, Report, Print Madhyam	

			10- Feature lekhan
			11- Anucched lekhan
			Unseen Comprehension
			** Full Syllabus as per CBSE curriculum
Bengali	Story – 1. Ke banchay ke banche.	Story –1. Bhratbarsho	Story:
	Drama –2. Naronger din.	2. Nanarongerdin	1. Ke banchay ke bache
	Poem – 1. Ami dekhi	Poem- Krandonrata janonir pashe.	2. Bharatbarsha
	Amar Bangla – Garo paharer niche.	Amar Bangla- Chatir badole hati	3. Bhat
	Grammar – Dhanitatta(Apinihiti,Avishruti ,Swarasangati, Swarabhakti – defination with four examples) Bodh porikkhan.	Grammar –Report reading , Sabderthatatta(Utkarsho, Opokarsho, Sankochon, Prosaran- defination with four examples) Proverbs and Idioms(meaning and sentence making)	Poem:
			1. Ami dekhi
			2. Krandanrata janonir pashe
			3. Porte Jane emon ke mojourer proshno.
			4. Rupnaraner kule.
			Drama- Nanaronger Din
			Amar Bangla
			1. Garo paharer niche
			2. Chhatir Bodole hati
			3. Megher Gaye jailkhana
			4. Patal purir Rajye
			Grammar:
			1. Dhanitatto
			2.Sabderthatatta
		3.Proverbs and idioms	
		4. Report reading	
		2. Advertisement writing.	
		3. Bodhporikkhan	
		** Full Syllabus as per CBSE curriculum	
Part- A Contemporary World Politics	Part- A Contemporary South Asia	Part- A Contemporary World Politics	
The End of Bipolarity	United Nations and its Organizations	The End of Bipolarity	

Political Science

New Centres of Power	Security in Contemporary World	New Centres of Power
Part- B Politics In India Since Independence	Part- B Planned Development	Contemporary South Asia
Challenges Of Nation Building	India's Foreign Policy	United Nations and its Organizations
Era of one party dominance	Parties and Party System in India	Security in Contemporary World
		Environment and The Natural Resources
		Globalisation
		Part- B Politics In India Since Independence
		Challenges Of Nation Building
		Era of one party dominance
		Planned Development
		India's Foreign Policy
		Parties and Party System in India
		Democratic Resurgence
		Regional Aspirations
		Indian Politics- Recent Trends and Development
		** Full Syllabus as per CBSE curriculum

Physics

Unit-I Electrostatics	Unit-VI Optics	Unit-I Electrostatics (All chapters)
Chapter-1: Electric Charges and Fields	Chapter-9: Ray Optics and Optical Instruments	Unit-II Current Electricity (All chapters)
Chapter-2: Electrostatic Potential and Capacitance	Unit-III Magnetic Effects of Current and Magnetism	Unit-III Magnetic Effects of Current and Magnetism (All chapters)
Unit-II Current Electricity	Chapter-4: Moving Charges and Magnetism	Unit-IV Electromagnetic Induction and Alternating Current (All Chapters)
	Chapter-5: Magnetism and Matter	Unit-V Electromagnetic Waves
	Chapter-6: Electromagnetic Induction	Chapter-8: Electromagnetic Waves
		Unit-VI Optics
		Chapter-9: Ray Optics and Optical Instruments
		Chapter-10: Wave Optics
		Unit-VII Dual Nature of Radiation and Matter

			Chapter–11: Dual Nature of Radiation and Matter
			Unit -VIII Atoms and Nuclei :Chapter - 12 : Atoms, Chapter -13 Nuclei
			Unit -IX Electronic Devices : Chapter -14 : Semiconductor Electronics
			** Full Syllabus as per CBSE curriculum
Chemistry	1) Solutions	1) Chemical Kinetics	1) Solutions
	2) Electrochemistry	2) Alcohols, phenols and ethers	2) Electrochemistry
	3) Co-ordination compounds	3) Electrochemistry	3) Chemical Kinetics
	4) Haloalkanes and haloarenes	4) Co-ordination compounds	4) d and f block elements
		5) Haloalkanes and haloarenes	5) Co-ordination compounds
			6) Haloalkanes and haloarenes
			7) Alcohols, phenols and ethers
			8) Aldehydes, ketones and carboxylic acids
			9) Amines
			10) Bio molecules
			** Full Syllabus as per CBSE curriculum
Biology	2. Sexual reproduction in flowering plants	2. Sexual reproduction in flowering plants	2. Sexual reproduction in flowering plants
	3. Human reproduction	3. Human reproduction	3. Human reproduction
	4. Reproductive health	5. Principles of inheritance and variation	4. Reproductive health
	5. Principles of inheritance and variation	6. Molecular basis of inheritance	5. Principles of inheritance and variation
		7. Evolution	6. Molecular basis of inheritance
		8. Human health and disease	7. Evolution
		10. Microbes in Human welfare	8. Human health and disease
			10. Microbes in Human welfare
			11. Biotechnology: Principles and Processes
			12. Biotechnology and its applications
			13. Organisms and Populations
			14. Ecosystem
			15. Biodiversity and its Conservation

Accountancy	UNIT 1 : ACCOUNTING FOR PARTNERSHIP FIRM	UNIT 1 : ACCOUNTING FOR PARTNERSHIP FIRM	UNIT 1 : ACCOUNTING FOR PARTNERSHIP FIRM
	· PREPARATION OF PROFIT AND LOSS APPROPRIATION ACCOUNT	· RETIEREMENT AND DEATH OF A PARTNER	UNIT 2 : ACCOUNTING FOR COMPANIES
	· ADJUSTMENTS RELATING TO INTEREST ON CAPITAL, INTEREST ON DRAWINGS, SALARY AND PROFIT SHARING RATIO.	· DISSOLUTION OF PARTNERSHIP FIRM	· ACCOUNTING FOR DEBENTURES
	· CHANGE IN PROFIT SHARING RATIO	UNIT 2 : ACCOUNTING FOR COMPANIES	UNIT 3 : ANALYSIS OF FINANCIAL STATEMENTS
	· VALUATION OF GOODWILL	ACCOUNTING FOR SHARE CAPITAL	· RATIO ANALYSIS
	· ADMISSION OF PARTNER		UNIT 4 : CASH FLOW STATEMENT
			** Full Syllabus as per CBSE curriculum
Entrepreneurship	1. Entrepreneurial Opportunity	1. Enterprise Planning	1. Entrepreneurial Opportunity
	2. Enterprise Planning (Till Sole Proprietorship)	2. Enterprise Marketing	2. Enterprise Planning
			3. Enterprise Marketing
			4. Enterprise Growth Strategies
			1. Business Arithmetic
			2. Resource Mobilization
			** Full Syllabus as per CBSE curriculum
Business Studies	1. Nature and Significance of Management	1. Organising	1. Nature and Significance of Management
	2. Principles of Management	2. Staffing	2. Principles of Management
	3. Business Environment	3. Directing	3. Business Environment
	4. Planning	4. Controlling	4. Planning
			5. Organising
			6. Staffing
			7. Directing
			8. Controlling
			9. Financial Management
			10. Financial Market
			11. Marketing Management
			12. Consumer Protection
			** Full Syllabus as per CBSE curriculum

Sociology	Indian Society	Indian Society	Indian Society
	1. Introducing Indian Society	3. Social Institutions: Continuity and Change	2. The Demographic Structure of Indian Society
	2. The Demographic Structure of Indian Society	Social Change and Development in India	3. Social Institutions: Continuity and Change
	Social Change and Development in India	9. Cultural Change	5. Patterns of Social Inequality and Exclusion
	8. Structural Change	11. Change and Development in Rural Society	6. The Challenges of Cultural Diversity
			Social Change and Development in India
			8. Structural Change
			9. Cultural Change
			11. Change and Development in Rural Society
			12. Change and Development in Industrial Society
		13. Social Movements	
		** Full Syllabus as per CBSE curriculum	
Home Science	UNIT I: Work, livelihood and Career	UNIT II: Nutrition, Food Science and Technology	** Full Syllabus as per CBSE curriculum
	Ch. Work, livelihood and Career	Ch. Clinical Nutrition and Dietetics	
	UNIT II: Nutrition, Food Science and Technology	Ch. Public Nutrition and Health	
	Ch. Clinical Nutrition and Dietetics	Ch. Food Processing and Technology	
		Ch. Food Quality and Food Safety	
	1) The Rajasthani school of painting	2) The Mughal School of Miniature Painting	4) The pahari School of painting
	a) Origin and Development	a) Origin and development	a) Origin and development
	b) Sub- school- Mewar, Bundi, Jodhpur Bikaner, Kishangarh and jaipur	b) Main feature of the Mughal School	b) Sub-School- Basohli, Guler, kangra, chamba and Garhwal
	C) Main features of the Rajasthani School	C) Appreciation of the following Mughal painting:	5) The Bengal School and cultural Nationalism
		Title	Introduction to the Bengal School of painting

Painting		Krishna Lifting Mount Govardhana	Main feature of the Bengal school of painting
		Falcon on a Bird-Rest	6) The Modern Indian Art
		Kabir and Raidas	a) Painting-Rama Vanquishing the pride of ocean
		Marriage procession of darashikoh	Mother and child
		3) The Deccani School of painting	Haldi Grinders
		a) Origin and development	Mother Teresa
		b) Main feature of the Deccani School	b) Sculpture- Triumph of Labour, Santhal Family, Ganesha, Cries In Heard,
			C) Graphic-print
			Children, Devi, Of Walls, Man-Woman and Tree.
			** Full Syllabus as per CBSE curriculum
Informatics Practices	Data Handling using Pandas -I	Database Query using SQL	Introduction to Computer Networks
	Introduction to Python libraries	Aggregate Functions	Introduction to networks
	Data structures in Pandas	Working with two tables using equi-join	Network Devices
	Series		Network Topologies
	Data Frames		Website
	Importing/Exporting Data between CSV files and Data Frames		Web Browser
	Data Visualization		Societal Impacts
			Digital footprint
			E-waste
			** Full Syllabus as per CBSE curriculum
	Acquaintance with the history of the chief exponents and contributors of the past of the Dance form (Ruknim Devi Arundale, Balasaraswati, Meenakshi Sundaram Pillai, Tanjore quartet).	Knowledge of the technical terminology of the particular Dance form (any one to be studied in accordance with the Dance style offered)-(a) Definitions of the following: araimandi, muzhumandi, kuttanam, korvai, karvai, adavu, shollu, aradhi, theerumanam, jat, jaati, gati, avartana, yati, taalanga, Ihattukazhi, nattuvangam, arangetram)	

Dance	Acquaintance, with the contents of the Abhinaya Darpana.	5 Acquaintance with the traditional costumes, make up of the Dance style opted.	** Full Syllabus as per CBSE curriculum
	knowledge of the following terms:-. NrityaNatya (Sanskrit slokas from the Abinaya Darpana and basic definition) Tandava (7 tandavas with detailed stories) Lasya, LokadharmiNatyadharni (Definitions with examples) Sthana, Chari, Mandala, Bharmari, Utplavana (Slokas and meaning from Abinaya Darpana)(i) Abhinaya (AngikaVochika, Satvika, Aharya-slokas from the Abinaya Darpana along with the meaning)(v) Sangeeta. Tala, Laya (Definition of the term, seven talams, threelayams)(v) Rasa (names of the nine rasas and their English meanings)		
Mass Media	Part A	Part B	** Full Syllabus as per CBSE curriculum
	Employability Skills (Communication, Self-Management, ICT, Entrepreneurial, Green Skills)	Unit1- Selling/Marketing/ Exhibiting a Product Through Advertisement	
		Unit2- Introduction to the Production Process	
		Unit3- New Media	
		Unit 4- Creative Contributions of the Key People	
	History of fashion.,definition and overview	History of fashion ,definition and overview	History of fashion.
	Factors affecting clothing - protection, ritualistic, identification, adornment	Haute Couture	Factors affecting clothing - protection, ritualistic, identification, adornment
	Origin and Development of Costume.	High Fashion Ready-to-Wear	Origin and Development of Costume.
	War Costume and Uniforms	Ready-to-Wear and Mass-Produced garments: Off-Shore Manufacturing	War Costume and Uniforms
	Industrial Revolution	Introduction to Menswear	Industrial Revolution
	Effect of World Wars on Fashion	Colour in Menswear	Effect of World Wars on Fashion

Fashion Studies

Evolution of Modern Indian Fashion	Fabrics for Menswear	Evolution of Modern Indian Fashion
Films and Fashion	Classic Shirt and its types	Films and Fashion
Pattern Making	Bottom wear – Pants	Pattern Making
Measurements	Shorts	Measurements
Tools	Suits	Tools
Fit	Indian menswear fashion market today	Fit
Pattern drafting	Introduction to Womenswear	Pattern Development
Necklines	Elements of Design in Womenswear	Necklines
Dart Manipulation	Pattern Development /Basic bodice	Dart Manipulation
	Skirt	Skirt
	sleeve	Sleeve
	collar	Collar
		Understanding Fashion - Definition and Overview
		Haute Couture
		High Fashion Ready-to-Wear
		Ready-to-Wear and Mass-Produced garments: Off-Shore Manufacturing
		Introduction to Menswear
		Colour in Menswear
		Fabrics for Menswear
		Classic Shirt and its types
		Bottom wear – Pants
		Shorts
		Suits
		Indian menswear fashion market today
		Introduction to Womenswear
		Elements of Design in Womenswear
		Garment Collections
		Fibres and Fabrics
		Cutting Preliminaries
		Placket
		Neckline Facings
		Sleeve Attachment

		** Full Syllabus as per CBSE curriculum
<u>PART—A</u>	<u>PART—A</u>	<u>PART—A</u>
1. HUMAN GEORAPHY NATURE AND SCOPE	1. HUMAN GEORAPHY NATURE AND SCOPE	1. HUMAN GEORAPHY NATURE AND SCOPE
2.THE WORLD POPULATION DISTRIBUTION ,DENSITY AND GROWTH	2.THE WORLD POPULATION DISTRIBUTION ,DENSITY AND GROWTH	2.THE WORLD POPULATION DISTRIBUTION ,DENSITY AND GROWTH
3. HUMAN DEVELOPMENT	3. HUMAN DEVELOPMENT	3. HUMAN DEVELOPMENT
4. PRIMARY ACTIVITIES	4. PRIMARY ACTIVITIES	4. PRIMARY ACTIVITIES
<u>PART-B</u>	5. SECONDARY ACTIVITIES	5. SECONDARY ACTIVITIES
1. POPULATION: DISTRIBUTION ,DENSITY, GROWTH AND COMPOSITION	6. TERTIARY ACTIVITIES	6. TERTIARY ACTIVITIES
2. HUMAN SETTLEMENTS	<u>PART-B</u>	7. TRANSPORT AND COMMUNICATION
3. LAND RESOURCES AND AGRICULTURE	1. POPULATION: DISTRIBUTION ,DENSITY, GROWTH AND COMPOSITION	8. INTERNATIONAL TRADE
<u>PART—C</u>	2. HUMAN SETTLEMENTS	<u>PART-B</u>
1. DATA-ITSTYPE, SOURCE AND COMPILATION	3. LAND RESOURCES AND AGRICULTURE	1. POPULATION: DISTRIBUTION ,DENSITY, GROWTH AND COMPOSITION
2. DATA PROCESSING	4. WATER RESOURCES	2. HUMAN SETTLEMENTS
	5. MINERAL AND ENERGY RESOURCES	3. LAND RESOURCES AND AGRICULTURE
	<u>PART—C</u>	4. WATER RESOURCES
	1. DATA-ITSTYPE, SOURCE AND COMPILATION	5. MINERAL AND ENERGY RESOURCES
	2. DATA PROCESSING	6. PLANNING AND SUSTAINABLE DEVELOPMENT IN INDIAN CONTEXT
	3. GRAPHICAL REPRESENTATION OF DATA	7. TRANSPORT AND COMMUNICATION
		8. INTERNATIONAL TRADE
		9. GEOGRAPHICAL PERSPECTIVE ON SELECTED ISSUES AND PROBLEMS
		<u>PART—C</u>
		1. DATA-ITSTYPE, SOURCE AND COMPILATION
		2. DATA PROCESSING
		3. GRAPHICAL REPRESENTATION OF DATA
		4. SPATIAL INFORMATION TECHNOLOGY
		** Full Syllabus as per CBSE curriculum

History	1. Bricks, beads and bones .	5. Through the eyes of travellers .	1. Bricks, beads and bones .
	2. Kings, farmers and towns.	6. Bhakti – sufi traditions.	2. Kings, farmers and towns.
	3. Kingship, caste and class.	7. An imperial capital – Vijayanagara.	3. Kingship, caste and class.
	4. Thinkers, beliefs and buildings.	8. Peasants, zamindars and the state.	4. Thinkers, beliefs and buildings.
	MAP : Political map of India for map practice	MAP : Political map of India for map practice	5. Through the eyes of travellers .
			6. Bhakti – sufi traditions.
			7. An imperial capital – Vijayanagara.
			8. Peasants, zamindars and the state.
			9. Mahatma Gandhi
			10. Framing of Indian constitution
		** Full Syllabus as per CBSE curriculum	
Biotechnology	1) An over view of Recombinant DNA technology	2) Host vector system	2) Host vector system
	2) Host vector system	3) Gene Cloning	3) Gene Cloning
	3) Gene Cloning	4) Application of Recombinant DNA technology	4) Application of Recombinant DNA technology
		5) Genome technology and Engineering	5) Genome technology and Engineering
		6) Microbial Culture	6) Microbial Culture
			7) Plant tissue culture
			8) Animal cell culture
			9) Stem cell culture and organ culture
			10) Bioprocessing and bio manufacturing
			11) Bioremediation
			12) Recent innovations in Biotechnology
			13) Entrepreneurship
			** Full Syllabus as per CBSE curriculum
on	● UNIT 1 Management of Sporting Events	● UNIT 4 Physical Education & Sports for (CWSN)	● UNIT 1 Management of Sporting Events
	● UNIT 2 Children and Women in Sports	● UNIT 5 Sports & Nutrition	● UNIT 2 Children and Women in Sports
	UNIT 3 Yoga as Preventive measure for Lifestyle Disease	UNIT 6 Test and Measurement in Sports	● UNIT 3 Yoga as Preventive measure for Lifestyle Disease

Physical Educatir

		● UNIT 4 Physical Education & Sports for (CWSN)
		● UNIT 5 Sports & Nutrition
		● UNIT 6 Test and Measurement in Sports
		● UNIT 7 Physiology & Injuries in Sport
		● UNIT 8 Biomechanics and Sports
		● UNIT 9 Psychology and Sports
		UNIT 10 Training in Sports
		** Full Syllabus as per CBSE curriculum