ARMY PUBLIC SCHOOL, BARRACKPORE MONTHWISE SPLIT-UP SYLLABUS: 2024-25 Class-X

Subject-English Language &Literature (CODE-184)

MONTH	TOPIC DETAILS	TOPIC	NO.OF PERIODS	ACTIVITIES	TLMs	INCLUSIVE PRACTICES
APRIL	LITERATURE – • A LETTER TO GOD • DUST OF SNOW • FIRE AND ICE • A TRIUMPH OF SURGERY	READING, EXPLANATION, QUESTION ANSWERS,HOTS, VBQS, literary expressions, Figures of speech.	3+3+3+3	GROUP DISCUSSION, PEER DISCUSSION, BRAINSTORMING , VOCABULAR Y GAMES, QUIZ, JAMS, DEBATE, FILL IN THE BLANKS, STATEMENT ASSUMPTION S, ASSERTION- REASONINGS , MULTIDISCIP LINARY ACTIVITIES LIKE LINKING WITH HISTORY/PSY CHOLOGY/PH ILOSOPHY/RE AL LIFE SCENARIO		MAKING POSTERS ROLE PLAY LEARNING THROUGH DIVERSITY TREE FOCUSING ON INDIVIDUAL DIFFERENCES, CELEBRATING DIFFERENT CULTURAL TRADITIONS THROUGH TEXTS AND REFERENCES, LEARNING THROUGH SEMIOTICS, VISUAL/ GRAPHICAL IMAGES, PPTS, AUDIO FILES

		GRAMMAR – • VERBS (FINITE) • AUXILIA RIES	DEFINITIO NEXAMPL ES, KINDS, USAGE & FUNCTION ALITY	4+3	CITING EXAMPLES BY FRAMING SENTENCES TO IDENTIFY THE SPECIFIC GRAMMAR TOPIC FLASH CARDS DENOTING THE FORMS OF TENSES IMAGES PPTs	 REFERENCI BOOKS CHALKS BLACKBOAF PPTs IMAGES 	DS DIVERSITY TREE FOCUSING E ON INDIVIDUAL DIFFERENCES, CELEBRATING DIFFERENT RD REFERENCES, LEARNING THROUGH SEMIOTICS, VISUAL/ GRAPHICAL IMAGES, PPTs, AUDIO FILES
		WRITING SKILLS – • FORMAL LETTER (EDITORI AL)	CONTENT FORMAT USAGE & FUNCTIONALITY	3	PROJECTING REAL LIFE INCIDENTS GROUP DISCUSSION DEBATES SPEECH	 TEXTBOOKS FLASH CAR REFERENCI BOOKS CHALKS BLACKBOAF PPTs IMAGES 	DS CONCEPTUALISING A E REAL LIFE SCENARIO CONNECTING THE
2	MAY	LITERATURE – • NELSON MANDEL A • HOW TO TELL WILD ANIMALS	READING , EXPLANATION, QUESTION ANSWERS, HOTS, VBQS, Literary expressions,Figures of speech	5+3	GROUP DISCUSSION, PEER DISCUSSION, BRAINSTORMING , VOCABULARY GAMES, QUIZ, JAMS, DEBATE, FILL IN THE BLANKS, STATEMENT ASSUMPTIONS	 CHART PAP FLASH CAR TEXTBOOKS REFERENCI BOOKS CHALKS BLACKBOAF PPTs IMAGES 	DS MAKING POSTERS S ROLE PLAY E LEARNING THROUGH DIVERSITY TREE

			ASSERTION- REASONINGS, MULTIDISCIPLIN ARY ACTIVITIES LIKE LINKING WITH HISTORY/PSYCH OLOGY/PHILOSO PHY/REAL LIFE SCENARIO		REFERENCES, LEARNING THROUGH SEMIOTICS, VISUAL/ GRAPHICAL IMAGES, PPTs, AUDIO FILES
GRAMMAR- • MODALS • TENSES	DEFINITIO N, EXAMPLE S, KINDS, USAGE & FUNCTION ALITY	3+3	CITING EXAMPLESBY FRAMING SENTENCES TO IDENTIFY THE SPECIFIC GRAMMAR TOPIC	TEXTBOOKS FLASH CARDS REFERENCE BOOKS CHALKS BLACKBOARD PPTs IMAGES	LEARNING THROUGH DIVERSITY TREE FOCUSING ON INDIVIDUAL DIFFERENCES, CELEBRATING DIFFERENT REFERENCES, LEARNING THROUGH SEMIOTICS, VISUAL/ GRAPHICAL IMAGES, PPTs, AUDIO FILES
			FLASH CARDS DENOTING THE AUXILIARY VERBS IMAGES PPTs		INTERACTIVE SESSION TO BE CONDUCTED ON REGULAR BASIS QUIZZING AND IN-DEPTH DISCUSSION
WRITING SKILLS- • FORMAL LETTER (EDITOR) AL – COMPLA NT)		3	PROJECTING REAL LIFE INCIDENTS GROUP DISCUSSION	TEXTBOOKS FLASH CARDS REFERENCE BOOKS CHALKS BLACKBOARD PPTs IMAGES	CONCEPTUALISING A REAL LIFE SCENARIO CONNECTING THE INCIDENTS /POINTS IN A SEQUENTIAL PATTERN TO BUILD A VALID DIARY ENTRY

SPLIT UP SYLLABUS FOR 2024-25 CLASS-X SUBJECT-HINDI CORE (085)

MONTH	TOPIC/CHAPTER	TOPIC DETAILS	ACTIVITIES	TLMs	INCLUSIVE PRACTICES AND ACTS
APRIL	अपठित गद्यांश 0. अनुच्छेद लेखन 0. औपचारिक पत्र 0. संचयन हरिहर काका 0. स्पर्श (गद्य) बड़े भाई साहब 0. स्पर्श (पद्य) कबीर की साखी	कवि परिचय, भूमिका, भाव पक्ष, कला पक्ष वाचन, व्याख्या, मूल्यपरक,ज्व लंत और बोधमूलक प्रश्न, अभ्यास ,मूल्याकंन	आवृति , आशु भाषण सामूहिक चर्चा ,वाद-विवाद ,काव्य लेखन ,रिक्त स्थान की पूर्ति ,काव्य को अन्य विषय से जोइना, काव्य की आवश्यकता पर नाटक ,गीतात्मक प्रस्तुति	 पूरक पाठ्यपुस्तक कैल बोर्ड पी.पी. टी चार्ट पेपर 	 सामूहिक गतिविधि कार्य बच्चों के लिए पाठ से कम से कम 3 प्रश्न-उत्तर लेखन कौशल का अभ्यास श्रुतिलेख पाठ के महत्त्वपूर्ण अंशों का सार लेखन महत्वपूर्ण पंक्तियों की व्याख्या नाट्य रूपान्तरण लिखने में असमर्थ बच्चों हेतु पाठ के औडियो क्लिप
		रचनाकार का परिचय,शीर्षक का महत्त्व,और विषय-वस्तु पर चर्चा वाचन, अर्थबोध,, मूल्यपरक,ज्व लंत और बोधमूलक प्रश्न, अभ्यास ,मूल्याकंन	आशु भाषण ,,आवृति ,सामूहिक चर्चा ,वाद-विवाद,नाट क,चरित्र प्रधान एकांकी ,रिक्त स्थान की पूर्ति ,विषय को अन्य विषय से जोड़ना	 पूरक पाठ्यपुस्तक कैल बोर्ड पी.पी. टी चार्ट पेपर 	 सामूहिक गतिविधि कार्य बच्चों के लिए पाठ से कम से कम 3 प्रश्न-उत्तर लेखन कौशल का अभ्यास श्रुतिलेख पाठ के महत्त्वपूर्ण अंशों का सार लेखन महत्वपूर्ण पंक्तियों की व्याख्या नाट्य रूपान्तरण लिखने में असमर्थ बच्चों हेतु पाठ के औडियो क्लिप

MAY	REVISION	REVISION	REVISION	REVISION	REVISION

ARMY PUBLIC SCHOOL BARRCKPORE CLASS- X

SPIT UP SYLLABUS WITH WEIGHTAGE OF MARKS 2024-25

SCIENCE - BIOLOGY (086)

MONTH	CHAPTER	CORE CONCEPTS
APRIL	LIFE PROCESSES	Nutrition in plants 1.Autotrophic Nutrition in Green plants. 2.Photosynthetic pigment and site of photosynthesis 3.Mechanism of photosynthesis 4.Factors affecting Photosynthesis Nutrition in Animals 1.Types of nutrition 2.Nutrition in Amoeba 3.Nutrition in Human beings Respiration 1.Concept of Breathing and cellular Respiration 2.Types of cellular Respiration
APRIL		Circulatory system 1. The Human Heart, Double Circulation 2. Lymphatic System 3. Transportation of materials in plants Excretion 1. Excretion in Animals 2. Renal Failure and Technology 1. 3. Excretion in plants

ARMY PUBLIC SCHOOL, BARRACKPORE Class X Inclusive Education 2024-25 Science - Physics/Chemistry (086)

CHAPTER	Topics	ACTIVITIE	5 TEACHING STRATEGIES in INCLUSIVE EDUCATION	Minimum Level of Learning	Moderate Level of Learning	High Level of Learning	Monthly Split up syllabus	Number of periods	Assessment
LIGHT	 Reflection of Light Image Formation by Spherical Mirrors Mirror Formula and Magnification Uses of mirror The Refractive Index Image Formation in Lenses Using Ray Diagrams Lens Formula and Magnification Power of lens 	 What happed when S rays ar focuse a conce on a pi of pape Calcula of foca length convex To draw diagrad and characc ics of in formed 	Sun e d by ave and ilearning in laboratory ilens ecce er? based learning ilearning ilens. v ray m serist mage	LwiBAT 1.identify and apply the definitions of the angle of incidence, the angle of reflection, incident ray and reflected ray. 2. apply the law of reflection in order to identify the angle of incidence and	LwiBAT 1. explain what an image is and describe how it is formed as a result of reflected light. 2. use the line of sight method to determine what objects an eye can see when sighting in a mirror.	LwiBAT 1. use an understandi ng of image characteristi cs to match an image with a given object based on the image size, location and orientation. 2. combine the mirror equation and magnificatio n ratio to predict	April	16	Class Assessment

reflection if given other angle information.	either the image distance or image height and magnificatio n for a known object	
	known object distance and focal length.	

ANNUAL CURRICULAM PEDAGOGICAL PLAN ARMY PUBLIC SCHOOL, BARRACKPORE DEPARTMENT OF MATHEMATICS CURRICULUM PLANNER FOR 2024-25 CLASS-X SUBJECT- MATHEMATICS

ESSENCE OF NCF:

1. To provide excellence in teaching, student engagement and adapt the curriculum to meet the needs of the community.

2. To maintain and refine support systems for enhancing school functions and student success.

3. To provide appropriate facilities and a quality and productive work, study and learning environment aimed at engaging the school community.

4. To maintain a strong commitment to excellence through professional development.

5. To seek resources to support the school mission.

6. To distribute resources in a manner those are productive, efficient and consistent with the school mission.

7. To inculcate a deep-rooted respect in students for the environment, people and resources.

8. To support the school commitment to expand access, equity, diversity, and

enrolment.

9. To provide leadership in cultural and economic development in the school's service area.

10. To seek out and cultivate beneficial Peer learning.

DATE	TOPICS	TOPIC DETAILS	ACTIVITY	LEARNING OUTCOMES	Assess ment
APRIL	Real numbers	 Fundamental theorem of arithmetic Proofs of irrationality of √2, √3, √5. 	<section-header><section-header></section-header></section-header>	Generalizes properties of numbers and relations among them. Apply them to solve problems related to real life contexts.	Students involvement and progress will be assessed from class room activities. Knowledge and understanding will be assessed by Solving MCQ question. Class test will be taken to understand learning out come. Students will be asked to frame question based on the topic to know Appplication of the concept.
	Polynomials	1. Geometrical meaning	To draw the graph of a	Use algebraic and	

of the zeros of a polynomial. 2. Relationship between zeros and coefficients of quadratic polynomials.	quadratic polynomial and observe the: (i) shape of the curve when the coefficient of x^2 is positive/negative. (ii) number of zeroes. $(ii) \frac{2}{6+5+4} + \frac{2}{2} + \frac{1}{1} + \frac{2}{2} + \frac{3}{1} + \frac{5}{5} + \frac{6}{3} + \frac{2}{5} + \frac{1}{2} + \frac{2}{5} + \frac{1}{2} + \frac{2}{5} + \frac{1}{5} + \frac{2}{5} +$	graphical method of finding zeroes of a polynomial in order to establish a relationship between them.	
	(-1, -10) -10 $(1, -12)-12$ -13 $(0, -12)-14$ -14 -14 -14		

ANNUAL CURRICULAM PEDAGOGICAL PLAN 2024-25 SST (HIST/CIVICS) Class – X

CURRICULAM PLANNER FOR THE MONTH OF APRIL AND MAY

TOPIC	TOPIC DETAILES	TEACHING STRATEGIES & ACTIVITIES	TLM		LEARNING OU	TCOME
		CWSN		MINIMUM LEVEL OF LEARNING	MODERATE LEVEL OF LEARNING	HIGH LEVEL OF LEARNING
Power Sharing	 Belgium and Sri Lanka case Accommodati on in Belgium Forms of power sharing 	 Separate MCQ Worksheets consisting of 10 questions. Short question-answer (1 & 2marks) PDFs consisting of 5/6 question-answer to be given on the core concepts. TAL Board to be used to show PPTs on the key points of the chapter. Learner/s to be subjected to capsule tests after every week. Concept map will be provided for the entire chapter. Peer learning will be encouraged in the classroom. Picture based questions to be solved in the class. Practice of passage based questions. HOTS question PDFs consisting of questions to be given on all core concepts. 	 Black board Chart PPT Video Mind map Flow chart NCERT Book TAL 	Learner/s will be able to solve the MCQs & 1/2 marks question on the core concepts & understand different types of power sharing. Identify the significance of power sharing.	Learners will be able to Identify the features of power sharing. Assess the role of three organs of the government. Differentiate between different forms of power sharing. 	 High level of learning goals for gifted students. Critical thinking of the learners will develop. Learners will be able to solve application based questions and HOTS. Learners will learn values and life skills from the content.
Federalis m	 Features of Federalism Functions of federalism Decentralisati on in India 	 Separate MCQ Worksheets consisting of 10 questions. Short question-answer (1 & 2marks) PDFs consisting of 5/6 question-answer to be given on the core concepts. TAL Board to be used to show PPTs on the key points of the chapter. Learner/s to be subjected to capsule tests after every week. Concept map will be provided for the entire chapter. 	 Black board Chart PPT Video Mind map Flow chart NCERT Book 	Learner/s will be able to solve the MCQs & 1/2 marks question on the core concepts & understand the federal principles of our country. Identify the significance of the local level government.	Learners will be able to Identify the features of federalism. Familiarize with the practice of federalism in India. Differentiate between the federal form 	 High level of learning goals for gifted students. Critical thinking of the learners will develop. Learners will be able to solve application based questions and HOTS. Learners will learn values and life skills from the content.

		 Peer learning will be encouraged in the classroom. Source based questions to be practiced in the class. Practice of passage based questions. HOTS question PDFs consisting of questions to be given on all core concepts. 	• TAL		and unitary form of government.	
The rise of nationalis m in Europe	 The French Revolution and the idea of the Nation The making of nationalism in Europe The age of revolutions: 1830- 1848 The making of Germany and Italy Visualizing the nation Nationalism and imperialism 	 TAL Board to be used to show PPTs on the key points of the chapter. Map activity will be done in the class. Learner/s to be subjected to capsule tests after every week. 	 Black board Chart PPT Video Mind map Flow chart NCERT Book TAL Political map of Europe 	Learner/s will be able to solve the MCQs & 1/2 marks question on the core concepts & understand the nation state formation of European countries. Identify the process of German and Italian unification process.	Learners will be able to Identify the role of liberal middle class in the nation state formation process. Familiarize with the nature of nation state formation process in Europe. Critically examine the role of secret revolutionary groups in Europe. Identify the locations of the European nation states. 	 High level of learning goals for gifted students. Critical thinking of the learners will develop. Learners will be able to solve application based questions and HOTS. Learners will learn values and life skills from the content.

ANNUAL CURRICULAM PEDAGOGICAL PLAN

ARMY PUBLIC SCHOOL, BARRACKPORE

CURRICULUM PLANNER FOR 2024-25

CLASS- X

SUBJECT- Geography and Economics

TOPIC TOPIC DETAILS TEACHING STRATEGIES TLM LEARNING				LEARNING OUTCOMES	IG OUTCOMES	
		& ACTIVITIES		MLL	MODERATE LEVEL OF LEARNING	HIGH LEVEL OF LEARNING
RESOURCES & DEVELOPMENT (1mark)	 Resource & its types Resource planning Land degradation & soil Classification of soil Soil erosion & conservation 	 Explanation Method Interactive Method MCQ s Peer learning Small definition learning Imp. points will be given Map activity Short question & answer Questions will be asked from the given questions after 1 week HOTS question PDFs consisting of questions to be given on all core concepts 	 TAL Chalkboard PPT Pictures Videos Flow charts NCERT book 	 LWiBAT – Choose correct options. Answer questions in one or two lines. Understand the core concept. Locate the soil region in the given map. 	LWiBAT – • Describe the various types of soils • Understand the concept • Frame answers • Participate actively	 LWiBAT – Solve HOTS & application based questions Learn values & life skills from the content Justify the various uses of land Propose solutions to conserve the soil from degradation
DEVELOPMENT (2 marks)	 Concept – income & goals National development Comparing different countries & states Income & other criteria Public facilities Human Development Report Sustainability of development 	 Story Telling Method Stimulus-Response Method Deductive Method Small definition learning MCQs Imp. points will be given Peer learning Case-based questions Key concepts will be asked after 2 weeks HOTS question PDFs consisting of questions to be given on all core concepts 	 TAL Chalkboard PPT Charts & tables Videos Flow charts NCERT book 	 LWiBAT – Choose correct options. Answer questions in one or two lines. Understand the core concept. Accept importance of sustainable development. 	LWiBAT – • Understand the concept • Frame answers • Participate actively • Accept the various developmental goals	 LWiBAT – Analyse the key points of sustainable development Justify the need of sustainable development Solve HOTS & application based questions Learn values & life skills from the content

Month-wise Split Up for Information Technology (402)

Session :- 2024-2025

<u>CLASS- X</u>

Number of Periods per week per section – 2

Month	Το	pic	Learning Outcome	Assessment	
	Theory Basic ICT Skills -II 	Practical Rapid Typing Revision of PowerPoint 	 Learners will be able to : Learn about Computer Maintenance Learn about operating system Learn about cyber security and types of keys on a keyboard. 	 Learners will be assessed by Oral Test and Worksheet/Objective Questions 	
April - May (Before Summer	Communication Skills-II		 After going through this unit the students will be able to: Understand the significance & barriers to Active Listening. Identify the stages of Active Listening. Understand the dos and don'ts of Interview Skills. 	Learners will be assessed by Oral Test.	
Vacation)	• Web Applications	 Poster Making in OpenOffice Writer 	 After going through this unit the students will be able to: Understand the Operation, benefits and working mechanism of Networking. Online reservation system. Precautions while performing Online Transaction. Operate Online reservation system through IRCTC and related case study. E-Governance Web Portals Online Shopping and Online Bill Payment. 	Learners will be assessed by : 1.Preparing Web Based Project Theme. 2. Creating Blogs on topics of Social Awareness 3.Preparing ground work for the final project. 4.Solving Worksheet Questions	

ANNUAL CURRICULUM PEDAGOGICAL PLAN

ARMY PUBLIC SCHOOL BARRACKPORE

DEPARTMENT OF SANSKRIT

CURRICULUM PLANNER FOR 2024-25

CLASS-X

संस्कृतम् (सम्प्रेषणात्मकम्) कोड् सङ्ख्या - 119

Month	CHAPTER	ACTIVITIES	NO OF	LEARNING	ASSESSMENT
			PERIODS	OUTCOME	
APRIL	*उच्चारणस्थानं	व्याकरण-	16	शिक्षार्थी	सामुहिक–
	*	विषयक		व्याकरण-	क्रिया-कलाप ,
	अव्ययपदानि	अन्त्याक्षरी ।		विषयक	मौखिक-
	* स्वर संधिः	*सस्वर		ज्ञाने ,	परीक्षायाः
	* वाच्य	श्लोकवादनम्		किमपि कथां	माध्यमेन
	* अनुच्छेद			श्रावयितुं	छात्राणां
	लेखनम् /			समर्थाः	मुल्यान्कनं
	चित्र-वर्णनम्			भविष्यन्ति।	भविष्यति ।
	* पत्र-				
	लेखनम्				
	* प्रथमः				
	पाठः ––				
	वाङ्मयः तपः				
MAY	न अस्ति	_	3	पाठानां	सामुहिक–
	त्यागसमं	*कथा लेखनम्		अभ्यास –	क्रिया-कलाप ,
	सुखम्	संवाद−वार्ता		कार्याणि कर्तुं	मौखिक-
				समर्थाः	परीक्षायाः
				भविष्यन्ति।	माध्यमेन
					छात्राणां
					मुल्यान्कनं
					भविष्यति ।