

# Army Public School, Panagarh

## SYLLABUS BIFURCTION – CURRICULUM PLANNING

ACADEMIC YEAR: 2017 – 18

**CLASS - X**

<b>COMPUTER SCIENCE</b>			
<b>TERM</b>	<b>MONTH</b>	<b>CHAPTER</b>	<b>SUBJECT ENRICHMENT ACTIVITIES/PRACTICALS</b>
<b>T E R M  I</b>	APRIL	Ch-1 :Introducing Internet	
	MAY	Ch-2 : Internet and Web Services	Create PowerPoint Presentation.
	JULY	Ch-3: Introducing Databases Ch-4 : OpenOffice.org Base	Practical 1: Create tables for a real life assignment and enter records.
		<b>Revision for PT-I</b> <b>PT-I: Ch-1 &amp; Ch-2</b>	Practical 2: Create tables and queries
	AUG	Ch-5: HTML-1: Basic HTML Elements Ch-6: IT Applications Ch-7: HTML- II : Images, Links and Tables	Practical 3: Create Web pages using HTML tags. Domains: <ul style="list-style-type: none"> <li>- My Home Page</li> <li>- My School</li> <li>- My Family</li> </ul>
	SEP	Ch-8: XML- Extensible Markup Language  <b>Revision for Half-Yearly</b>	Practical 4: Design Web Pages using XML  <b>IT Application Report File</b> Real life assignments using DBMS Tool and HTML. <ul style="list-style-type: none"> <li>- 4 database solutions from Business Computing</li> <li>-4 HTML source code along with browser view</li> </ul>
	OCT	Ch-10: Societal Impacts Ch-9: IT Applications	
		<b>HALF-YEARLY:</b> Ch-1,2,3,4 &5	

<b>T E R M  II</b>	NOV	Revision for Pre-boards  <b>Pre-boards</b>	<b>IT Application Report File</b> -4 HTML source code along with browser view.  -2 XML documents source code and view.
	DEC	<b>Revision for PT-III</b> <b>PT – III:</b> Ch- 7 & 10	
	JAN	<b>Pre-boards</b>	
	FEB	<b>Revision for Annual</b>	
	MAR	<b>ANNUAL:</b> 100% Syllabus	

HINDI				
परीक्षा	महीना	स्पर्श/संचयन	व्याकरण	परियोजना
P.T-1	अप्रैल, मई	गद्य - पाठ :-1 पद्य - पाठ :-1,2 गद्य - पाठ :-1	शब्द व पद में अंतर, वाक्य रूपांतरण, मुहावरे	कबीर की भाषा पर परियोजना, भक्तिकाल पर चर्चा, व्यवहारिकता का महत्व
HALF YEARLY	जुलाई, अगस्त	गद्य - पाठ :- 3,4,5,6 पद्य - पाठ :- 3,4,5,6 गद्य - पाठ :-2	शब्द व पद में अंतर, वाक्य रूपांतरण, मुहावरे समास, पत्र, अनुच्छेद, सूचना, संवाद, विज्ञापन	लोककथा का वाचन, मंचन, वर्षा ऋतु पर एक कविता लिखिए,
P.T-2	सितम्बर, अक्टूबर,	गद्य - पाठ :-7,8 पद्य - पाठ :-7,8,9 गद्य - पाठ :-3	शब्द व पद में अंतर, वाक्य रूपांतरण, मुहावरे समास, पत्र, अनुच्छेद	सैनिक जीवन पर अनुच्छेद, मंचन, रवीन्द्रनाथ पर अपने शब्दों में लेख
ANNUAL	नवम्बर, दिसम्बर, जनवरी, फरवरी	पुनरावृत्ति	शब्द व पद में अंतर, वाक्य रूपांतरण, मुहावरे समास, पत्र, अनुच्छेद, सूचना, संवाद, विज्ञापन	काल विभाजन, छायावाद पर परियोजना, मंचन

<b>SOCIAL SCIENCE</b>			
<b>NAME OF THE EXAM</b>	<b>MONTH</b>	<b>CHAPTER</b>	<b>SEA</b>
PT-1    HALF YEARLY	APRIL	<u>HISTORY</u> :CH-2:The Nationalist movement of Indo-china	Write an article on Ho-Chi-Minh
	MAY	<u>CIVICS</u> :CH-1:Power Sharing <u>GEOGRAPHY</u> :CH-1:Resources & Development	Prepare a project on the Power sharing of Sri lanka which lead them to the civil war <b>MAP-SKILL</b>
	JULY	<u>HISTORY</u> :ch-2:The Nationalist movement in Indo-China( contd...) <u>ECONOMICS</u> :CH-1:Development	Identify and locate the important centres of Indian National Movement i) Champaran ii) Kheda iii) Ahmedabad iv) Amritsar v)Chauri Chaura vi) Dandi <b>MAP SKILL</b>
	AUGUST	<u>HISTORY</u> :CH-3:Nationalism in India <u>CIVICS</u> :CH-2:Federalism <u>GEOGRAPHY</u> :CH-3:Water Resources	Identify and locate in the outline map i)Salal ii)Bhakra Nangal iii) Tehri iv) Rana Pratap Sagar v) Hirakud vi) Nagarjuna Sagar vii) Tungabhadra <b>MAP SKILL</b>
	SEPTEMBER	<u>ECONOMICS</u> :CH-2:Sectors of the Indian Economy <u>GEOGRAPHY</u> :CH-4: Agriculture <u>CIVICS</u> :CH-3:Democracy & Diversity <u>ECONOMICS</u> :CH-3:Money and Credit <u>HISTORY</u> :CH-5:The Age of Industrialization  <u>GEOGRAPHY</u> :CH-5:Minerals and Power Resources <u>CIVICS</u> : CH-4:Gender ,religion & Caste , CH-6:Political Parties <u>ECONOMICS</u> :CH-4:Globalisation and the Indian Economy	Identify and locate in the outline map i)Iron ore mines ii) Mica mines iii) Coal mines iv) Oil fields v) Bauxite deposits Follow the news on any news TV channels for one week.Make a note of news related to pressure groups or

PT-II   ANNUAL	ER	OCTOBER	<p><u>HISTORY</u>:CH-8:Novels,Society and History</p> <p><u>GEOGRAPHY</u>:CH-6:Manufacturing Industries</p> <p><u>CIVICS</u>:ch-7:Outcomes of Democracy</p> <p><u>GEOGRAPHY</u>:CH-7:Lifelines of National Economy</p> <p><u>CIVICS</u>:CH-8:Challenges to democracy</p> <p><u>ECONOMICS</u>:CH-5:Consumer Rights</p> <p><u>HISTORY</u>:CH-2,3,5,8</p> <p><u>CIVICS</u>:CH-1,2,3,4,6,7,8</p> <p><u>GEOGRAPHY</u>:CH-1,3,4,5,6,7</p> <p><u>ECONOMICS</u>:CH-1,2,3,4,5</p>	<p>movements representing the following sectors or sections ;farmers,traders,labour ,industry,environment and women.which of these are mentioned most on television news?Which sections or interest get mention the least? You may follow a news paper if you don't have TV at home.</p> <p><b>MAP SKILL</b> Locate and identify the following on the outline map a) Cotton Textile industries b) Iron &amp; steel plants c) Software Technology Parks</p> <p><b>MAP SKILL</b> Identification only: i) Golden Quadrilateral ii) North-South Corridor iii) East-West Corridor National Highways: NH-1,NH-2,NH-7 Major Ports: Kandla,Mumbai,Jawahar Lal Nehru,Marmagao,New Mangalore,Kochi ,Tuticorin,Chennai,Visakhapatnam,Paradip,Haldia</p>
		NOVEMBER		
		DECEMBER		
		JANUARY		

**SCIENCE**

<b>MONTH</b>	<b>CHAPTERS</b>	<b>ACTIVITIES</b>
April	1.Chemical Reactions and Equations 6.Life Processes	i)Balancing Chemical Equations ii)Flowchart completion on circulatory System of Humans
May	7.Control and Coordination	i)Diagram based activity on human Nervous System and Parts of Brain ii)Research based activity on “Evolution of Human brain “.
June	Summer vacation	
July	2.Acids,Bases and Salts 14.Sources of Energy  Revision and Periodic Test – I (Syllabus:1, 2, 6, & 7)	i)Testing the ph of different solutions ii)Exploring Non-conventional sources of energy
August	3.Metals and Non-Metals 4.carbon and its compounds	i)Experiments based on Physical and chemical properties of metals  ii)Saponification reaction
September	5.Periodic classification of Elements 8.How do Organisms Reproduce? 16.Management of natural resources	i)Worksheet based on periodic properties of elements ii)Diagram based activity
October	9.Heredity and Evolution 15.Our Environment  Revision and Half Yearly Exam (Syllabus: Chapters-3,4,5,8 and 9	Worksheet based on Acquired and inherited traits and Mendel’s Cross
November	Lab Activity	
December	Lab Activity Revision for Periodic test	
January	Periodic test –II((Syllabus: Chapters – 1 to 16	

**ENGLISH**

<b>NAME OF THE EXAM</b>	<b>MONTH</b>	<b>CHAPTERS</b>	<b>S. E. ACTIVITIES</b>
P.T-I	April  May	Literature Reader : Prose : The Letter(Half- Yearly Exam also), Two Gentlemen of Verona. Mrs. Peckletide's Tiger. Poems: Mirror, Nor Marble Nor the Gilded Monuments. Novel: The Story of My life.(Ch- 1 to 5) Grammar : Tense ,Determiners. Writing :Story Writing.	Speaking Skill -1 Listening Skill -2 Comprehension - 3
Half Yearly	Jul  Aug  Sept	Prose : The Letter (P.T -1 ), The Shady Plot, PatolBabu,TheFilmstar. Poems : The Frog and The Nightingale,Ozymandias, Rime of the Ancient Mariner. Drama : The Dear Departed. Novel :The Story of My Life (Chaper- 6 to 15) Grammar :Sub- Verb Agreement, Relatives.Active – Passive. Writing : Letter Writing (Formal), Story Writing.	Speaking Skill -4 Listening Skill -5 Group Discussion - 6
P.T-II	Oct	Prose : Virtually True Poem :The Snake. Drama :Julias Caesar. Novel :The Story of My Life (Chapter-16 to 23) Grammar : Modal , Connectors. Reported Speech Writing : Story Writing.	Speaking Skill - 7 Listening Skill -8 Group Discussion -9
	Nov - Feb	Revision	

## MATHEMATICS

NAME OF THE EXAM		CHAPTER	SUBJECT ENRICHMENT ACTIVITY	
A N N U A L  E X A M I N A T I O N	H A L F  Y E A R L Y	IST QUATERLY	7.Trigonometry 1.Real Numbers	Mathematics Laboratory Activities as prescribed by C.B.S.E
			2.Polynomials	
			6. Triangles 3. Pair of linear equations in two variable	
			14. Statistics 15. Arithmetic Progression	
		PRE-ANNUAL	10.Circles 15. Probability 4. Quadratic Equations 7.Coordinate Geometry	
		PRE-BOARDS	Full Syllabus for Pre-Board and Annual Examination	