



**West Point School**  
(CBSE Affiliated)

Breakup Syllabus for **Class XI**  
Subject- English Books – Hornbill, Snapshot

Month	Chap.	Perd.	Topics to be covered	Activity
April	H 1	8	The Portrait of a Lady	<b>Reading</b>
	H 1	8	A Photograph	
	S 1	3	The Summer of a beautiful white horse	
		2	Tense Note Making & Summarising	
May	S 2	6	The Address	<b>Listening &amp; Speaking</b>
		2	Re ordering of sentences Advertisement	
June	H2 S 5	8	We' re not afraid to die	ASL
		6	Mothers Day	
		2	Transformation of sentences	
July	H3	9	Discovering Tut & The Laburnum Top	ASL
		6	Poster Writing	
		6		
		4		
August	H 4	8	The Voice of the Rain	1 <sup>st</sup> Unit test
		8	Clauses	
		6	Speech Writing	
		3		
September	H 6	6	Childhood	
		2	Debate Writing Unseen passage practice	
October	H 7	5	The adventure	ASL
		5	Integrated Grammar Practice	
		6		
November		4	Revision	Half Yearly Exam
		5		
		4		
		3		
December	H 8 S 7	8	Silk Road	Project Work
		8	Birth	
		3	Writing exercise practice	
January	H 8 S 8	8	Father To Son	Project Work
		8	The Tale Of Melon City	
		5		
		2		
February		9	Revision	2 <sup>nd</sup> Unit Test
		14		
<i>Syllabus for Annual Examination content taught from April to March</i>				

Subject- Maths Books –NCERT,R D Sharma, R S Agarwal

Subject- Maths Books –NCERT, R D Sharma

Month	Chap.	Perd.	Topics to be covered	Activity
April	1	18 10	Sets and their representation Different types of sets	To find the number of subsets of a given set
May	2	10	Relations and Function	To verify that for two sets A and B, $n(A \times B) = pq$ and the total number of relations from A to B is $2^{pq}$
June	3	16	Trigonometric Function	To represent set theoretic operations using Venn Diagrams
July	5 6	8 9	Complex Numbers Linear Inequalities	To verify distributive law for three given non empty sets
August	7 8 9	10 5 9	Permutation & Combination Binomial Theorem Sequence and Series	To identify a relation and a function <b>1<sup>st</sup> unit test</b>
September		3	<b>Revision</b>	
September	10	6	Straight Line	To distinguish between a relation and function
October	11	17	Conic Sections (Circle, Ellipse, Parabola, Hyperbola)	To verify the relation between the degree measure and the radian measure
November	12 13	8 9	Three Dimensional Geometry Limits and Derivatives	To interpret geometrically, the meaning of I and its integral powers <b>Half Yearly Exam</b>
December	15	18	Statistics	To find the number of ways in which three cards can be selected from given five cards
January	16	22	Probability	To obtain formula for the sum of squares of first n-natural numbers
February			<b>Revision Whole Book</b>	An alternate approach to obtain formula for the sum of squares of first n natural numbers <b>2<sup>nd</sup> unit test</b>
<i>Syllabus for Annual Examination content taught from April to March</i>				

**Subject- Computer Sci. (XI)**

**Reference Books – COMPUTER SCIENCE WITH PYTHON**

Month	Working Days	Topics to be covered	Activity
April	17	<b>Computer Systems and Organization</b> <ul style="list-style-type: none"> <li>Basic computer organization: Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (bit, byte, KB, MB, GB, TB, PB)</li> <li>Types of software: System software ( Operating systems, system</li> </ul>	Practical on Types of software Operating systems, system utilities, device drivers)

		utilities, device drivers),programming tools and language translators ( assembler, compiler, and interpreter),application software	
May	15	<ul style="list-style-type: none"> <li>● Operating System(OS): functions of the operating system, OS user interface</li> <li>● Boolean logic: NOT, AND, OR, NAND, NOR, XOR, NOT, truth tables and De Morgan’s laws, Logic circuits</li> <li>● Number System: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems</li> <li>● Encoding Schemes: ASCII, ISCII, and Unicode (UTF8, UTF32)</li> </ul>	
June	15	<ul style="list-style-type: none"> <li>● Number System: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems</li> <li>● Encoding Schemes: ASCII, ISCII, and Unicode (UTF8, UTF32)</li> </ul>	
July	25	<p><b>Computational Thinking and Programming - I</b></p> <ul style="list-style-type: none"> <li>● Introduction to Problem-solving: Steps for Problem-solving (Analyzing the problem, developing an algorithm, coding, testing, and debugging), representation of algorithms using flowchart and pseudo code, decomposition</li> <li>● Familiarization with the basics of Python programming</li> </ul>	Practical on python
August	26	<p>Introduction to Python, Features of Python, executing a simple “hello world” program, execution modes: interactive mode and script mode, Python character set, Python tokens( keyword, identifier, literal, operator,punctuator), variables, concept of l-value and r-value, use of comments Knowledge of data types: Number(integer, floating point,complex), boolean,sequence(string, list, tuple), None, Mapping(dictionary), mutable and immutable datatypes.</p> <ul style="list-style-type: none"> <li>● Operators: arithmetic operators, relational operators, logical operators, assignment operators, augmented assignment operators, identity operators (is, is not), membership operators (in not in)</li> <li>● Expressions, statement, type conversion, and input/output: precedence of operators,expression, evaluation of an expression, type-conversion (explicit and implicit conversion),accepting data as input from the console and displaying output.</li> </ul>	Practical on ,Expressions, statement
September	10	<ul style="list-style-type: none"> <li>● Conditional statements: if, if-else, if-elif-else, flowcharts, simple programs: e.g.: absolutevalue, sort 3 numbers and divisibility of a number.</li> </ul>	Practical on if, if-else, if-elif-else
<b>Half yearly exam</b>			
September	7	<ul style="list-style-type: none"> <li>● Iterative Statement: for loop, range(), while loop, flowcharts, break and continue statements, nested loops, suggested programs: generating pattern, summation of series,finding the factorial of a positive number, etc.</li> </ul>	Practical on for loop, while loop
October	15	<p>Strings: introduction, string operations (concatenation, repetition, membership and slicing),traversing a string using loops, built-in functions/methods–len(), capitalize(), title(), lower(),upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(),islower(), isupper(), isspace(),lstrip(), rstrip(), strip(), replace(), join(), partition(), split()</p>	Practical on string operations
November		Lists: introduction, indexing, list operations	Practical on Lists,

	21	Tuples: introduction, indexing, tuple operations	Tuples
December	20	Dictionary: introduction, accessing items in a dictionary using keys, Introduction to Python modules:	Practical on Python modules:
January	22	Society, Law and Ethics	
February	23	Digital Footprints Digital Society and Netizen: net etiquettes, communication etiquettes, social media étiquettes	Practical on Digital Footprints

Subject : History

Books Themes in World History

Name of the Month	Chapter	Period	Topics to be covered
APRIL	1	17	Writing and city life
MAY	2	15	An empire across three continent
JUNE	3	15	Nomadic empires
JULY	4	25	Nomadic empires
AUGUST	6	26	The Three Orders
SEPTEMBER	7	7	Changing Cultural Traditions
SEPTEMBER	7	7	Changing Cultural Tradition
OCTOBER	10	15	Displacing Indigenous Peoples
NOVEMBER	2,3,5,6	21	Revision MAP WORK
DECEMBER	10	20	Displacing Indigenous peoples
JANUARY	11	22	Paths to Modernisation
FEBRUARY		23	Map Work Of The Related Themes
MARCH	REVISION	06	REVISION

Month	Chap.	Day	Topics to be covered
April	A-1 B-1	17	Constitution: Why and How/ Political Theory :An Introduction
May	A-2	15	Rights in the Indian Constitution
June	B-2 A-3	15	Freedom/Election and Representation
July	A-4 B-3	25	Executive ,Equality
August	A-5 B-4	26	Legislature ,Social Justice
September	A-6 B-5	7	Judiciary, Rights
October	A-7 B-6	15	Federalism ,Citizenship
November	A-8 B-7	21	Local Government ,Nationalism
December	A-9	20	Constitution as a living Document
January	B-8	22	Secularism
February	A-10	23	The philosophy of the Constitution
March			Revision

Name of the Month	Chapter	Period	Topics to be covered and activity	Practical
April	1	15	Management of sporting events	SAI khelo India test practice
May	5	12	Children & women in sports	SAI khelo India test practice
June	3	12	Yoga as preventive measure for lifestyle disease.	BPFT practice
July	4	13	Physical education & sports for(CWSN)	BPFT practice
August	2	12	Sports & nutrition	Volleyball practice <b>1<sup>st</sup> unit test</b>
September	6	13	Test & measurement in sports	Football practice
October	7	13	physiology & injuries in sports	Football practice
November	8	18	Biomechanics & sports	Kho-Kho practice <b>Half Yearly Exam</b>

**Subject- Economics Books –NCERT Economics**

Month	Chap.	Perd.	Topics to be covered
April	<b>Part A</b>		
	1	7	Introduction to Economics and Statistics
	2	7	Collection of Data
	3	7	Organisation & Classification of Data
May	4	8	Presentation of Data
June	5	8	Measures of Central Tendency
	6	8	Measures of Dispersion
<i>Syllabus for Pre-Periodic Examination Content taught from April to June</i>			
July	6	10	Measures of Dispersion
	7	13	Measures of Correlation
August	8		Index Number
September			<b>Revision</b>
<i>Syllabus for Mid-Term Examination Content taught from April to September</i>			
September	<b>Part B</b>		
	1	8	Introduction
October	2	9	Introduction
	3	8	Consumer's Equilibrium and Demand Producer Behaviour and Supply
November	4	8	Consumer's Equilibrium and Demand
	5	8	Producer Behaviour and Supply
December	6	9	Consumer's Equilibrium and Demand
	7	9	Producer Behaviour and Supply
<i>Syllabus for Post - Periodic Examination Content taught from April to December</i>			
January	8	12	Producer Behaviour and Supply
	9	11	Forms of Market and price determination under perfect competition with simple applications
February	10	12	Forms of Market and price determination under perfect competition with simple applications
	11	11	Forms of Market and price determination under perfect competition with simple applications
<i>Syllabus for Annual Examination content taught from April to March</i>			

