

CLASS:	VII	SUBJECT:	COMPUTER SCIENCE
BOOK:	ENRICH YOUR COMPUTER STUDIES FOR CLASS 7 By V. K. Pandey and D.K. Dey AVICHAL PUBLISHING HOUSE		

FIRST TERM			
Month	Topic	Chapters	Periods
APRIL (15)	Computer- Hardware Components Part I: Components of a Computer System Part II: External Hardware	1	6(Th-3,Pr-3) 4(Th-2, Pr-2)
MAY (10)	Number System – An Introduction	2	4(Th-2, Pr-2)
JUNE (10)	Computer Virus Ethics and Safety Measures in Computing	3 4	10(Th-5, Pr-5)
JULY (24)	Ethics and Safety Measures in Computing (contd.) Spreadsheet – An Introduction Part I: Fundamentals of Spreadsheet Part II: More on Spreadsheet	4 5	10(Th-5, Pr-5) 2(Th-1, Pr-1)
AUGUST (22)	Spreadsheet – An Introduction(contd.)	5	
SEPTEMBER (21)	Revision of First Term Chapters		
Project (June 2026)	Prepare a complete profile file: Note: All projects must include a Contents page, Mentioned topics, Bibliography and Acknowledgement <ul style="list-style-type: none"> Discuss about any 10 types of Malwares, the do-s and don't-s to remain safe from the same along with the symptoms your device might show if attacked. Add examples and sources for bonus points! “Hexadecimal simplifies binary data and helps represent colors in the form #RRGGBB in programming.” Research and prepare a detailed study on the above statement with relevant examples and data. 		
Revision Days			4
No. of classes			34

UNIT TEST - 1st Term		
Month	Topic	Chapters
July (06.07.2026)	<ul style="list-style-type: none"> COMPUTER-HARDWARE COMPONENTS NUMBER SYSTEM- AN INTRODUCTION 	1 and 2

EXAMINATION - 1 st Term		
Month	Topic	Chapters
SEPTEMBER	<p>ENTIRE FIRST TERM SYLLABUS</p> <p>The Question Paper will consist of two Sections. Sec-A will comprise of questions of type True/False, Fill in the blanks, Match the following, Give one word answers, writing formulas and functions from MS Excel and Section – B will consists of Subjective type questions, Solving numericals from Binary Number System.</p>	1,2,3,4,5

ACTIVITIES	
<p>Group discussion on identifying five major types of computer virus, understanding the impact they have on hardware and software and suggesting virus protection measures.</p>	<p>SPREADSHEET</p> <p>SHEET 1- Enter the name, class, section of any 10 boys and names of any 5 co-curricular activities each one participated in.</p> <p>SHEET 2- Collect the scores obtained by those boys in the co-curricular activities they participated in and calculate the total score and percentage obtained by each student. Also find the highest score in each of the co-curricular activity.</p>

SECOND TERM			
Month	Topic	Chapters	Periods
OCTOBER (16)	Database and DBMS – An Introduction	6	6(Th-3, Pr-3)
NOVEMBER (19)	<p>HTML – Advanced Features</p> <p>Part I : List and Image Formatting</p> <p>Part II: Table and Hyperlink</p>	7	8(Th-4, Pr-4)
DECEMBER (15)	Introduction to Java	8	6(Th-3, Pr-3)
JANUARY (20)	<p>Introduction to Java</p> <p>Machine Learning</p>	8 9	8(Th-4, Pr-4)
FEBRUARY (20)	<p>Computer- Hardware Components</p> <p>Number System – An Introduction</p>	1 2	8(Th-4, Pr-4)
Project (Jan. 2027)	<p>Prepare a complete profile file:</p> <p>Note:All projects must include a Contents page, Mentioned topics, Bibliography and Acknowledgement</p> <p>A. Create a HOMEPAGE titled as “DBMS” and write a short note about Query.</p> <p>B. Create a table along with the following field and 10 records.</p> <p>Fields- Serial no., Name, Age, Image , address and link to go to HOME PAGE(as mentioned in A)</p> <p>C. Descriptive study on Java Tokens and ALL Java Operators.</p> <p>[The codes should be handwritten and screenshots of outputs are to be attached].</p>		
Revision Days			4
No. of classes			31

UNIT TEST -2nd Term		
Month	Topic	Chapters
January (25.1.2027)	• Database and DBMS - an Introduction	6
	• HTML- Advance Features	7

EXAMINATION-2ndTerm		
Month	Topic	Chapters
FEBRUARY	ENTIRE SECOND TERM SYLLABUS AND CHAPTERS 1 AND 2 FROM FIRST TERM. The Question Paper will consist of two Sections. Sec-A will comprise of questions of type True/False, Fill in the blanks, Match the following, Give one word answers, Section – B will consists of Subjective type questions from HTML, Database, Java Programming Solving numericals from Number System.	1,2,6,7,8,9

ACTIVITIES	
USING THE DIFFERENT FORM ATTRIBUTES DESIGN A WEBPAGE OF AN ADMISSION FORM.	CREATING DIFFERENT WEBPAGES AND LINKING THEM THROUGH HYPERLINKS.