

CLASS:	IX	SUBJECT:	COMPUTER APPLICATION
BOOK:	ICSE Computer Applications – Frank Educational Aids		

FIRST TERM			
Month	T o p i c	Chapters	Periods
APRIL (15)	Principles of Object Oriented Programming	1	9(Th-6,Pr-3)
	Introduction to Java	2	
MAY (10)	Introduction to Java	2	6(Th-4, Pr-2)
	Elementary Concepts of Objects and Classes	3	
JUNE (10)	Elementary Concepts of Objects and Classes	3	6(Th-4, Pr-2)
	Values and Datatypes	4	
JULY (24)	Operators in Java	5	12(Th-8, Pr-4)
	Input in Java	6	
AUGUST (22)	Mathematical Library Methods	7	12(Th-8, Pr-4)
	Conditional Constructs in Java	8	
SEPT (21)	Revision of above chapters		
Project (June 2026)	A set of 15 programs to be coded in Java language based on Library classes, and Conditional Constructs strictly using the following rules: a) Proper comments using mnemonics b) Variable Definition Table c) Screenshots of the outputs of the programs		
Revision Days			4
No. of classes			51

UNIT TEST - 1st Term		
Month	T o p i c	Chapters
June (23.06.2026)	Principles of Object Oriented Programming	1
	Introduction to Java	2
	Introduction to Java	2
	Elementary Concepts of Objects and Classes	3
	Elementary Concepts of Objects and Classes	3
	Values and Datatypes	4
	Operators in Java	5
	Input in Java	6

EXAMINATION - 1st Term		
Month	T o p i c	Chapters
	As per the ICSE Council Paper Pattern, the Question Paper will be consisting of two sections – A and B. Section A will consists of objective and subjective short questions and Section – B will consists of 6 programs out of which any 4 is to be attempted. Based on the Syllabus of First Term as mentioned above.	1, 2, 3, 4, 5, 6, 7, 8

ACTIVITIES	
	Developing a simple Java application based on Maths and Physics Syllabus of class 8 standard.

SECOND TERM			
Month	Topic	Chapters	Periods
OCTOBER (16)	Conditional Constructs in Java	8	9(Th-6, Pr-3)
	Iterative Constructs in Java	9	
NOVEMBER (19)	Iterative Constructs in Java	9	12(Th-8, Pr-4)
	Nested For Loops	10	
DECEMBER (15)	Nested For Loops	10	9(Th-6, Pr-3)
			12(Th-8, Pr-4)
JANUARY (20)	Computing and Ethics	11	6(Th-4, Pr-2)
FEBRUARY (20)	Revision of First Term chapters		
Project (Jan 2027)	A set of 15 programs to be coded in Java language based on Iterative Constructs, and Nested Loops strictly using the following rules: a) Proper comments using mnemonics b) Variable Definition Table c) Screenshots of the outputs of the programs		
Revision Days			12
No. of classes			60

UNIT TEST – 2 nd Term		
Month	Topic	Chapters
(18.01.2027)	Conditional Constructs in Java	8
	Iterative Constructs in Java	9

EXAMINATION – 2 nd Term		
Month	Topic	Chapters
(Feb)	As per the ICSE Council Paper Pattern, the Question Paper will be consisting of two sections – A and B. Section A will consist of objective and subjective short questions and Section – B will consist of 6 programs out of which any 4 is to be attempted.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

ACTIVITIES	
	Programs based Non – nested and Nested Loops in Java