

SRI GURU NANAK PUBLIC SCHOOL, ADARSH NAGAR, DELHI-110033

**CLASS – XII COMMERCE
SYLLABUS BREAKUP 2023-24**

SUBJECT :ENGLISH CORE , CODE(301)

Dates/ Week	Worki ng days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
5 th April – 15 th April	7	Job Application, Poem 1: My Mother At Sixty Six, Comprehension Passage	Comprehend Textual Content, Enhance Vocabulary, Write With Proper Expression And In Coherence, Write Answers To Questions Based On Textual Content, Develop Finer Taste For Poetry And Literature, Learn To Speak And Write Without Grammatical Errors	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar
17 th April – 29 th April	11	Ch 1(Flamingo) Last Lesson, Ch 2(Flamingo) Lost Spring	Comprehend Textual Content, Enhance Vocabulary, Write With Proper Expression And In Coherence, Write Answers To Questions Based On Textual Content, Develop Finer Taste For Poetry And Literature, Learn To Speak And Write Without Grammatical Errors	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar
1 st May – 26 th May	21	Poem 2 Keeping Quiet, Ch 3(Flamingo) Deep Water, Ch 4 (Flamingo) Rattrap, Notice, Letter To Editor	Comprehend Textual Content, Enhance Vocabulary, Write With Proper Expression And In Coherence, Write Answers To Questions Based On Textual Content, Develop Finer Taste For Poetry And Literature, Learn To Speak And Write Without Grammatical Errors	ASSESSMENT OF SPEAKING AND LISTENING SKILLS	NCERT Text books, BBC, Rachna Sagar

1 st July – 15 ^h July	12	Ch 5(Flamingo) Indigo, Poem 3 A Thing Of Beauty, Article, Ch 1(Vistas) Third Level	Comprehend Textual Content, Enhance Vocabulary, Write With Proper Expression And In Coherence, Write Answers To Questions Based On Textual Content, Develop Finer Taste For Poetry And Literature, Learn To Speak And Write Without Grammatical Errors	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar
17 th July – 28 th July	MICRO TEST - I				
31 th July – 11 th Aug	11	Ch 2 (Vistas) Tiger King, Ch 3 (Vistas) Journey To The End Of The Earth, Poem 4 Roadside Stand, Report	Comprehend Textual Content, Enhance Vocabulary, Write With Proper Expression And In Coherence, Write Answers To Questions Based On Textual Content, Develop Finer Taste For Poetry And Literature, Learn To Speak And Write Without Grammatical Errors	ASSIGNMENTS	
16 th Aug – 31 st Aug	12	Invitations/Replies, Ch 6 (Flamingo) Poets And Pancakes	Comprehend Textual Content, Enhance Vocabulary, Write With Proper Expression And In Coherence, Write Answers To Questions Based On Textual Content, Develop Finer Taste For Poetry And Literature, Learn To Speak And Write Without Grammatical Errors	PROJECT	NCERT Text books, BBC, Rachna Sagar
1 st Sept – 25 th Sept	18	Ch 7 (Flamingo), Interview, Ch 8 (Flamingo) Going Places, Poem 6 Aunt Jennifer’s Tigers	Comprehend Textual Content, Enhance Vocabulary, Write With Proper Expression And In Coherence, Write Answers To Questions Based On Textual Content, Develop Finer Taste For Poetry And Literature, Learn To Speak And Write Without Grammatical Errors	ASSIGNMENTS	NCERT Text books, BBC, Rachna Sagar
26 th Sept – 10 th Oct	MICRO TEST - II				

11 th Oct – 31 st Oct	12	Ch 4 (Vistas) The Enemy, Ch 5 (Vistas) On The Face Of It	Comprehend Textual Content, Enhance Vocabulary, Write With Proper Expression And In Coherence, Write Answers To Questions Based On Textual Content, Develop Finer Taste For Poetry And Literature, Learn To Speak And Write Without Grammatical Errors	Assignments	Ncert Text Books, Bbc, Rachna Sagar
1 st Nov – 9 th Nov	8	Ch 6 (Vistas) Memories Of Childhood	Comprehend Textual Content, Enhance Vocabulary, Write With Proper Expression And In Coherence, Write Answers To Questions Based On Textual Content, Develop Finer Taste For Poetry And Literature, Learn To Speak And Write Without Grammatical Errors	Assignments	Ncert Text Books, Bbc, Rachna Sagar
15 th Nov – 18 th Nov	4	REVISION FOR FIRST PREBOARD EXAM			
20 th Nov – 5 th Dec	FIRST PREBOARD EXAM				
06 th Dec – 29 th Dec	18	REVISION FOR CBSE EXAMS & PRACTICALS			
30 th Dec'23 – 20 th Jan'24	SECOND PREBOARD EXAM				
11 th Jan'24 onwards	REVISION OF SYLLABUS / ENRICHMENT / REMEDIAL CLASSES				

SUBJECT : BUSINESS STUDIES , CODE(054)

Dates/ Week	Working days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
5 th April – 15 th April	7	Ch- CONSUMER PROTECTION	<ul style="list-style-type: none"> • Concept and importance of consumer protection. • Consumer protection act 2019 • Consumer awareness 		Printed Notes, G.S Alag TextBook & Videos on

				Practice Sheets (Assignment)	smart panel board from youtube.
17th April – 29th April	11	Ch- PRINCIPLES OF MANAGEMENT	<ul style="list-style-type: none"> • Understand the concept of principles of management and its significance. • Discuss the principles of the management developed by Fayol. • Explain the principles and techniques of scientific management 	Practice Sheets (Assignment)	Printed Notes, G.S Alag TextBook & Videos on smart panel board from youtube.
1st May – 26th May	21	Ch- PRINCIPLES OF MANAGEMENT (contd.) Ch- MARKETING MANAGEMENT Ch- PLANNING	<ul style="list-style-type: none"> • Compare the contributions of Fayol and Taylor. • Understand the concept, features, functions and Philosophies of marketing, marketing mix and its elements. • Understand the concept of Planning, its importance, limitations and the steps in the process of planning. • Develop an understanding of single use and standing plans. 	Practice Sheets (Assignment)	Printed Notes, G.S Alag TextBook & Videos on smart panel board from youtube.
1st July – 15^h July	12	Ch- ORGANISING	<ul style="list-style-type: none"> • Understanding the concept of organising as a structure and as a process. • Know the structure of organisation: Divisional and Functional, Formal and informal organization. • Differentiate between Delegation 	Practice Sheets (Assignment)	Printed Notes, G.S Alag TextBook & Videos on smart panel board from youtube.

with centralization.

			with centralization.		
17th July – 28th July	MICRO TEST - I				
31th July – 11th Aug	11	Ch- ORGANISING (contd.) Ch-STAFFING	<ul style="list-style-type: none"> • Understand the concept, importance and process of staffing. • Understand the meaning and process of recruitment , selection and training and development in detail. 	Practice Sheets (Assignment)	Printed Notes, G.S Alag TextBook & Videos on smart panel board from youtube.
16th Aug – 31st Aug	12	Ch- DIRECTING Ch- CONTROLLING	<ul style="list-style-type: none"> • Understand the Concept, Importance and Elements of Directing. • Know the Motivation-Concept, Maslow’s Hierarchy of Needs, Financial and Non-Financial Incentives. • Leadership-Concept, Styles- Authoritative, Democratic and Laissez faire. • Communication-Concept, Formal and Informal Communication, Barriers to Effective Communication, How to Overcome the Barriers • Understanding the concept, importance, steps of controlling. • Explain the relationship between 	Practice Sheets (Assignment)	Printed Notes, G.S Alag TextBook & Videos on smart panel board from youtube.

			Planning and Controlling.		
1st Sept – 25th Sept	18	Ch- THE NATURE AND SIGNIFICANCE OF MANAGEMENT. Ch- BUSINESS ENVIRONMENT	<ul style="list-style-type: none"> • Understand the concept of management. • Explain the meaning of ‘Effectiveness and Efficiency.’ • Discuss the objectives of management. • Understand the role of top, middle and lower levels of management and their functions. • Discuss the concept, characteristics and importance of coordination. • Understanding the concept and importance of business environment. • Knowing the Dimensions of Business Environment. • Demonetization- concept and features. 	Practice Sheets (Assignment)	Printed Notes, G.S Alag TextBook & Videos on smart panel board from youtube.
26th Sept – 10th Oct	MICRO TEST - II				
11th Oct – 31st Oct	12	Ch- FINANCIAL MANAGEMENT	<ul style="list-style-type: none"> • Concept and Objective of Financial Management. • Financial Decisions : Investment, Financing and Dividend-Meaning and Factors Affecting. • Financial Planning : Concept and Importance. 	Practice Sheets (Assignment)	Printed Notes, G.S Alag TextBook & Videos on

			<ul style="list-style-type: none"> • Capital Structure : Concept and Factors affecting capital structure. • Fixed and Working Capital : Concept and Factors Affecting their Requirements. 		smart panel board from youtube.
1 st Nov – 9 th Nov	8	Ch- FINANCIAL MARKETS	<ul style="list-style-type: none"> • Understanding Concept and Types Of Financial Markets. • knowing the Money Market and its Instruments and Capital Market and its Types (Primary and Secondary), methods of floatation in the primary market. • Briefing Stock Exchange-Functions and Trading Procedure. iv. Explaining the Securities and Exchange Board of India (SEBI)-Objectives and Functions. 	Practice Sheets (Assignment)	Printed Notes, G.S Alag TextBook & Videos on smart panel board from youtube.
15 th Nov – 18 th Nov	4	REVISION FOR FIRST PREBOARD EXAM			
20 th Nov – 5 th Dec	FIRST PREBOARD EXAM				
06 th Dec – 29 th Dec	18	REVISION FOR CBSE EXAMS & PRACTICALS			
30 th Dec'23 – 20 th Jan'24	SECOND PREBOARD EXAM				
11 th Jan'24 onwards	REVISION OF SYLLABUS / ENRICHMENT / REMEDIAL CLASSES				

SUBJECT : ACCOUNTANCY, CODE (055)

Dates/ Week	Workin g days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
5th April – 15th April	7	FUNDAMENTALS, GOODWILL	<p>State the meaning of partnership, partnership firm and partnership deed.</p> <p>Diffentiate between fixed and fluctuating capital accounts method. preparation of profit and loss appropriation account., past</p>		Videos on smart panel board from youtube.
17th April – 29th April	11	CHANGE IN PROFIT SHARING RATIO	<p>Develop the understanding and Skill of valuation of goodwill using different methods . state the meaning of sacrificing ratio, gaining ratio and the change in Profit sharing ratio</p>		Videos on smart panel board from youtube.
1st May – 26th May	21	ADMISSION OF A PARTNER, RETIREMENT OF A PARTNER	<p>treatment of revaluation of assets and reassessment of liabilities and treatment of reserves and accumulated profits by preparing revaluation account and balance sheet.</p>		Videos on smart panel board from youtube.
1st July – 15h July	12	DEATH OF A PARTNER, DISSOLUTION OF A PARTNERSHIP FIRM	<p>change in profit sharing ratio.</p> <p>Develop the understanding of accounting treatment of goodwill, revaluation of assets and reassessment of liabilities and adjustment of accumulated profits on death of a partner.</p> <p>Understand the situation under which a partnership firm can be dissolved.</p> <p>Develop the understanding of preparation of Account</p>		Videos on smart panel board from youtube.

17th July – 28th July	MICRO TEST - I			
31th July – 11th Aug	11	ISSUE OF SHARES	<p>Differentiate between equity and preferences shares and different types of share capital.</p> <p>Explain the accounting treatment of shares capital transaction regarding issue of shares. Develop the understanding of accounting</p>	Videos on smart panel board from youtube.
16th Aug – 31st Aug	12	ISSUE OF SHARES, ISSUE OF DEBENTURES	<p>Explain the accounting treatment of different categories of transaction related to issue of debentures. Understand the concept of collateral security and its presentation in balance sheet</p>	Videos on smart panel board from youtube.
1st Sept – 25th Sept	18	FINANCIAL STATEMENTS ANALYSIS: THEORY, ACCOUNTING RATIOS	<p>Develop the understanding of major headings and sub headings as per schedule III to the companies act 2013.</p> <p>State the meaning, objectives and limitations of</p>	Videos on smart panel board from youtube.
26th Sept – 10th Oct	MICRO TEST - II			
11th Oct – 31st Oct	12	CASH FLOW STATEMENT	<p>State the meaning and objectives of CASH FLOW STATEMENT.</p> <p>Develop the understanding of preparation of cash flow</p>	Videos on smart panel board from youtube.

			statement using indirect method as		
1 st Nov – 9 th Nov	8	CASH FLOW STATEMENT	State the meaning and objectives of CASH FLOW STATEMENT. Develop the understanding of preparation of cash flow statement using indirect method as		Videos on smart panel board from youtube.
15 th Nov – 18 th Nov	4	REVISION FOR FIRST PREBOARD EXAM			
20 th Nov – 5 th Dec	FIRST PREBOARD EXAM				
06 th Dec – 29 th Dec	18	REVISION FOR CBSE EXAMS & PRACTICALS			
30 th Dec'23 – 20 th Jan'24	SECOND PREBOARD EXAM				
11 th Jan'24 onwards	REVISION OF SYLLABUS / ENRICHMENT / REMEDIAL CLASSES				

SUBJECT: ECONOMICS, CODE (030)

Dates/ Week	Working days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
5 th April – 15 th April	7	MACROECONOMICS CH 5 MONEY CH 6 BANKING	i. know the origin, evolution and functions of money ii. Understand the meaning of money supply iii. Understand the concept of high powered money iv. understand the banking system in India		Videos on smart panel board from you tube.

17 th April – 29 th April	11	MACROECONOMICS CH 6 BANKING INDIAN ECONOMIC DEVELOPMENT CH 1 : INDIAN ECONOMY ON THE EVE OF INDEPENDENCE	i. Differentiate between central bank and commercial banks ii. Understand about the state of economy and its various sectors on the eve of independence.	Videos on smart panel board from you tube.
1 st May – 26 th May	21	INDIAN ECONOMIC DEVELOPMENT CH 2 INDIAN ECONOMY 1950-90 CH 3 LPG	i. Know the meaning of economic systems ii. Know the meaning of Economic planning iii. Develop an understanding about the policies followed during 1950-1990 iv. Understand the circumstance that led to the adoption of New Economic policy. v. Broadly know and understand the concepts and implications of LPG policies.	Videos on smart panel board from you tube.
1 st July – 15 ^h July	12	MACROECONOMICS CH 1, 2 AND 3 NATIONAL INCOME AND RELATED AGGREGATES	i. understand the basic concepts related to National income and aggregates ii. Understand the circular flow of income	Videos on smart panel board from you tube.
17 th July – 28 th July	MICRO TEST - I			
31 th July – 11 th Aug	11	MACROECONOMICS CH 4 NATIONAL INCOME AND ITS MEASUREMENT	i. Measure the national income using 3 methods ii. Conceptualize GDP and its impact on welfare iii. Understand the concepts of real and nominal GDP.	Videos on smart panel board from you tube.

16 th Aug – 31 st Aug	12	INDIAN ECONOMIC DEVELOPMENT CH 4 HUMAN CAPITAL FORMATION CH 5 RURAL DEVELOPMENT	i. Understand the meaning of human capital ii. Differentiate between human capital and human development iii. Know the meaning of human capital formation iv. Understand how human capital facilitates the process of development		Videos on smart panel board from you tube.
1 st Sept – 25 th Sept	18	INDIAN ECONOMIC DEVELOPMENT CH 6 EMPLOYMENT CH 7 SUSTAINABLE DEVELOPMENT CH 8 COMPARATIVE DEVELOPMENT EXPERIENCE OF INDIA	i. Understand the meaning of employment and unemployment along with the causes ii. Differentiate between workforce and labour force iii. Learn about environment and the challenges of global warming iv. Witness the importance of sustainable development and strategies to achieve it. v. Compare the economies of China and Pakistan with India vi. Contrast the development strategies followed by China and Pakistan with that of India vii. Compare and contrast the economic and human development indicators for these countries.		Videos on smart panel board from you tube.
26 th Sept – 10 th Oct	MICRO TEST - II				
11 th Oct – 31 st Oct	12	MACROECONOMICS CH 7 AGGREGATE DEMAND CH 8 INCOME DETERMINATION AND MULTIPLIER	i. Know about aggregate demand and its components ii. Know the concepts of MPC, MPS, APC and APS iii. Understand the equilibrium under AD-AS and S-I approach		Videos on smart panel board from you tube.

		CH 9 PROBLEMS OF EXCESS DEMAND AND DEFICIENT DEMAND	iv. Understand the problems of excess demand and deficient demand and solutions thereof.		
1st Nov – 9th Nov	8	MACROECONOMICS: CH 10 GOVERNMENT BUDGET AND ECONOMY CH 11 FOREIGN EXCHANGE RATE CH 12 BALANCE OF PAYMENTS	i. Know the meaning of Government budget and its objectives ii. Types of budgets and components iii. Understand the surplus, deficit and balanced budget iv. Know about foreign exchange and foreign exchange rate v. understand the concept of Balance of Payments vi. Understand the disequilibrium in BOP		Videos on smart panel board from you tube.
15th Nov – 18th Nov	4	REVISION FOR FIRST PREBOARD EXAM			
20th Nov – 5th Dec		FIRST PREBOARD EXAM			
06th Dec – 29th Dec	18	REVISION FOR CBSE EXAMS & PRACTICALS			
30th Dec'23 – 20th Jan'24		SECOND PREBOARD EXAM			
11th Jan'24 onwards		REVISION OF SYLLABUS / ENRICHMENT / REMEDIAL CLASSES			

SUBJECT : MATHEMATICS , CODE(041)

Dates/ Week	Working days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
5 th April – 15 th April	7	Ch 3 : Matrices	<ol style="list-style-type: none"> To add 2 matrices, Expressing matrix as sum of symmetric and skew symmetric matrices, To find inverse of a matrix by using elementary row transformations 	PRACTICE SHEET	Ncert Textbook & Exemplar , All In One By Arihant Publications
17 th April – 29 th April	11	Ch 4 : Determinants	<ol style="list-style-type: none"> To find area of triangle, To understand properties to simplify determinants, To solve system of equations using matrices. 	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
1 st May – 26 th May	21	Ch 2 : Inverse Trigonometry Ch 5 : Continuity & Differentiability	<ol style="list-style-type: none"> To find inverse values of trigonometric functions. To identify points of discontinuity of functions, To identify points of non-differentiability of functions, To find derivatives of exponential and logarithmic functions, To find derivatives of functions in parametric form 	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
1 st July – 15 th July	12	Ch 6 : Application Of Derivatives	<ol style="list-style-type: none"> To find Rate of change of dependent variable due to change in independent variable, To identify increasing and decreasing functions To find maxima and minima points of a function 	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS

17th July – 28th July	MICRO TEST - I				
31th July – 11th Aug	11	Ch 7 : Integration	<ol style="list-style-type: none"> To understand the concept of reverse process of differentiation and solving of both indefinite and definite integrals. To know about the properties of definite integration 	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
16th Aug – 31st Aug	12	Ch 8 : Application Of Integration	To find Area of bounded region using integration	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
1st Sept – 25th Sept	18	Ch 9 : Differential Equations Ch 12 : Linear Programming	<ol style="list-style-type: none"> To identify degree and order of a differential equation, To form differential equation when solution is given, To solve differential equations using variable separable, homogeneous, Linear DE method To find solutions to bounded linear programming problems. 	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
26th Sept – 10th Oct	MICRO TEST - II				
11th Oct – 31st Oct	12	Ch 10 : Vectors Ch 11 : Three Dimensional Geometry	To find dot product and cross product of 2 vectors, To find projection of one vector on another , To analyze vectors if dot product or cross product is zero	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS

			<p>To find equation of line in space in Cartesian and vector form, To find equation of plane in Cartesian and vector form , To find angle between 2 lines using DCS, To find distance between 2lines.</p>		
1 st Nov – 9 th Nov	8	<p>Ch 13 : Probability</p> <p>Ch 1 : Relation & Function</p>	<p>To find probability using conditional probability formula, To identify and solve problem by Bayes' theorem, To find probability distribution of different random variables.</p> <p>To understand relations its types Reflexive, Symmetric, Transitive and Equivalence relations, to identify one to one, onto and invertible functions</p>	PRACTICE SHEET	NCERT TEXTBOOK & EXEMPLAR , ALL IN ONE BY ARIHANT PUBLICATIONS
15 th Nov – 18 th Nov	4	REVISION FOR FIRST PREBOARD EXAM			
20 th Nov – 5 th Dec	FIRST PREBOARD EXAM				
06 th Dec – 29 th Dec	18	REVISION FOR CBSE EXAMS & PRACTICALS			
30 th Dec'23 – 20 th Jan'24	SECOND PREBOARD EXAM				
11 th Jan'24 onwards	REVISION OF SYLLABUS / ENRICHMENT / REMEDIAL CLASSES				

SUBJECT :INFORMATICS PRACTICES , CODE(065)

Dates/ Week	Workin g days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
5 th April – 15 th April	7	Ch 5 : MySQL - SQL REVISION TOUR	1. DDL : Create , Alter , Drop 2. Data Query: SELECT(different Varieties), FROM WHERE criteria, UPDATE , DELETE	To create a database To create student table with the student id, class, section, gender, name, dob, and marks as attributes where the student id is the primary key. To insert the details of at least 10 students	Informatics Practices by Preeti Arora
17 th April – 29 th April	11	Ch 6 : MySQL FUNCTIONS	Single Row functions : String, Numeric , Date & Time	Assignment to Sort record on ascending / descending order along with aggregate functions	Informatics Practices by Preeti Arora
1 st May – 26 th May	21	Ch 7 : GROUPING AND AGGREGATE FUNCTIONS Ch 9: COMPUTER NETWORKS Ch 10 : INTRODUCTION TO INTERNET and WEB	1. Group by , having Aggregate functions : Count(), sum(), avg(), max() , min() 2a)Introduction to networks b)Types of network c)Network Topologies d)Introduction to Internet, URL, WWW, and its applications. e) Network Devices 3a)Digital footprint, net and communication etiquettes, b) free and open source software (FOSS)	PRACTICE ASSIGNMENTS	Informatics Practices by Preeti Arora

1 st July – 15 ^h July	12	PYTHON REVISION : BASICS	To execute different type of statements for sequence, selection and iterative flow of control	Slide Show on Python Revision Tour QUIZ: https://quizizz.com/join/quiz/5f2457df65ecb001be9c637/sta-rt?studentShare=true	https://youtu.be/3ObKp7lfqgI
17 th July – 28 th July	MICRO TEST - I				
31 th July – 11 th Aug	11	Ch 1: PYTHON PANDAS - I	Python library: PANDAS Data Structure: Series-creation , accessing , operations	Program : 1. to show the utility of numpy and series in python. 2.to show the utility of head and tail functions of series. 3. to create a Data Frame quarterly sales where each row contains the item category, item name, and expenditure.	Informatics Practices by Preeti Arora
16 th Aug – 31 st Aug	12	Ch 1: PYTHON PANDAS – I (contd..)	DataFrame : creation, displaying, selecting	To create a Data Frame quarterly sales where each row contains the item category, item name, and expenditure.	
1 st Sept – 25 th Sept	18	Ch 3 : DATA VISUALIZATION	1. Purpose of plotting; 2.drawing and saving different types of plots using Matplotlib : line plot, bar graph,histogram 3.Customizing plots: adding label, title, and legend in plots.	Program: 1. to plot a line chart with title ,xlabel , ylabel and line style. 2. to plot bar chart having data x,y on xaxis and yaxis, showing in different color with different width.	https://youtu.be/ZPggEE1UTtE
26 th Sept – 10 th Oct	MICRO TEST - II				

11 th Oct – 31 st Oct	12	Ch 4 : IMPORTING / EXPORTING DATA BETWEEN CSV FILES / MySQL and PANDAS	Text/CSV files; display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing.	Program: 1. to write dictionary data in CSV file. 2. to read CSV file and show its data in python using dataFrames and pandas.	Informatics Practices by Preeti Arora
1 st Nov – 9 th Nov	8	Ch 11 : SOCIETAL IMPACTS Ch 12 : DATA PROTECTION	3a). Intellectual Property Rights (IPR), plagiarism, licensing and copyright, b) cybercrime and cyber laws 1. Data protection 2. Threats to data : Virus, Spyware , Adware	PRACTICE ASSIGNMENTS	Informatics Practices by Preeti Arora
15 th Nov – 18 th Nov	4	REVISION FOR FIRST PREBOARD EXAM			
20 th Nov – 5 th Dec	FIRST PREBOARD EXAM				
06 th Dec – 29 th Dec	18	REVISION FOR CBSE EXAMS & PRACTICALS			
30 th Dec'23 – 20 th Jan'24	SECOND PREBOARD EXAM				
11 th Jan'24 onwards	REVISION OF SYLLABUS / ENRICHMENT / REMEDIAL CLASSES				

SUBJECT: PHYSICAL EDUCATION, CODE (048)

DATES/ WEEK	WORKING DAYS	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
5 th April – 15 th April	7	CH-6:TEST & MEASUREMENT	Learn khelo india fitness test for different age group students		You tube videos on smart board panel
17 th April – 29 th April	11	CH-6:TEST & MEASUREMENT	Know about fitness test for senior citizen		You tube videos on smart board panel
1 st May – 26 th May	21	CH-7: PHYSIOLOGY & INJURIES IN SPORTS	Learn effect of exercise on muscular system cardio respiratory system, sports injuries and treatment		You tube videos on smart board panel
1 st July – 15 ^h July	12	CH-8: BIOMECHANICS AND SPORTS	Application of newtons laws and equilibrium in sports		You tube videos on smart board panel
17 th July – 28 th July	MICRO TEST - I				
31 th July – 11 th Aug	11	CH-8: BIOMECHANICS AND SPORTS	Importance of friction and projectile in sports		You tube videos on smart board panel
16 th Aug – 31 st Aug	12	CH-9: PSYCHOLOGY & SPORTS	Role of psychology in enhancing sports performance		You tube videos on smart board panel
1 st Sept – 25 th Sept	18	CH-1-5	REVISION		You tube videos on smart board panel
26 th Sept – 10 th Oct	MICRO TEST - II				

11 th Oct – 31 st Oct	12	CH-10: TRAINING IN SPORTS	How to develop and identify talent in sports	You tube videos on smart board panel
1 st Nov – 9 th Nov	8	CH-10: TRAINING IN SPORTS	Fitness components	You tube videos on smart board panel
15 th Nov – 18 th Nov	4	REVISION FOR FIRST PREBOARD EXAM		
20 th Nov – 5 th Dec	FIRST PREBOARD EXAM			
06 th Dec – 29 th Dec	18	REVISION FOR CBSE EXAMS & PRACTICALS		
30 th Dec'23 – 20 th Jan'24	SECOND PREBOARD EXAM			
11 th Jan'24 Onwards	REVISION OF SYLLABUS / ENRICHMENT / REMEDIAL CLASSES			

SUBJECT-PUNJABI CODE(104)

Dates/ Week	Working days	SYLLABUS REFERENCE	LEARNING OBJECTIVES	TEACHING ACTIVITIES	LEARNING RESOURCES
		TOPIC	STUDENTS SHOULD BE ABLE TO		
5 th April – 15 th April	7	ਕਹਾਣੀ - ਘਰ ਜਾ ਆਪਣੇ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਮਾਜ ਵਿੱਚ ਵਿਆਹ ਦੀਆਂ ਰਸਮਾਂ ਰੀਤਾਂ ਬਾਰੇ ਗਿਆਨ ਪ੍ਰਾਪਤ ਕਰਨਗੇ ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/FAAHdhK5eIM
17 th April – 29 th April	11	ਕਵਿਤਾ - ਵਾਰਿਸ ਸ਼ਾਹ ਪੈਰਾ ਰਚਨਾ	ਇਸ ਕਵਿਤਾ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਦੇਸ਼ ਵੰਡ ਦੇ ਦੁਖਾਂਤ ਬਾਰੇ ਜਾਣਨਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/LdfPCxD09zI
1 st May – 26 th May	21	ਪਾਠ -ਪੰਜਾਬ ਦੀਆਂ ਲੋਕ ਖੇਡਾਂ	ਇਸ ਪਾਠ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਪੰਜਾਬ ਦੀਆਂ ਲੋਕ ਖੇਡਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰਨਗੇ ।	ਪ੍ਰੋਜੈਕਟ	https://youtu.be/yp-Gf8uqIo0

1 st July – 15 th July	12	ਅਖਾਉਤਾਂ (30 ਤੋਂ 50) ਸੰਖੇਪ ਰਚਨਾ	ਇਸ ਵਿਸ਼ੇ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਅਖਾਉਤਾਂ ਤੇ ਸੰਖੇਪ ਰਚਨਾ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/aP2QIfOf3QM
17 th July – 28 th July	MICRO TEST - I				
31 th July – 11 th Aug	11	ਕਵਿਤਾ - ਮੇਰਾ ਬਚਪਨ	ਇਸ ਕਵਿਤਾ ਰਾਹੀਂ ਪਿਤਾ ਤੋਂ ਬਗੈਰ ਬੱਚੇ ਦੇ ਬਚਪਨ ਤੇ ਉਸਦੀਆਂ ਸਮੱਸਿਆਵਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/2SI6IeANTGs
16 th Aug – 31 st Aug	12	ਕਾਰ ਵਿਹਾਰ ਦੇ ਪੱਤਰ	ਵਿਦਿਆਰਥੀ ਕਾਰ - ਵਿਹਾਰ ਦੇ ਪੱਤਰ ਲਿਖਣ ਦੇ ਯੋਗ ਹੋਣਗੇ।	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/oW11DSRuXrM
1 st Sept – 25 th Sept	18	ਪੰਜਾਬ ਦੇ ਲੋਕ - ਨਾਚ	ਵਿਦਿਆਰਥੀ ਪੰਜਾਬ ਦੇ ਲੋਕ - ਨਾਚ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਨਗੇ	ਅਸਾਈਨਮੈਂਟ	https://youtu.be/q-WJcf2E_C4
26 th Sept – 10 th Oct	MICRO TEST - II				
11 th Oct – 31 st Oct	12	ਕਵਿਤਾ ਗੀਤ		ਅਸਾਈਨਮੈਂਟ	https://youtu.be/yElrhfUKkAs
1 st Nov – 9 th Nov	8	ਅਖਾਉਤਾਂ (50 ਤੋਂ 60)		ਪ੍ਰੋਜੈਕਟ	https://youtu.be/GvXJTcccaHE
15 th Nov – 18 th Nov	4	REVISION FOR FIRST PREBOARD EXAM			
20 th Nov – 5 th Dec	FIRST PREBOARD EXAM				
06 th Dec – 29 th Dec	18	REVISION FOR CBSE EXAMS & PRACTICALS			
30 th Dec'23 – 20 th Jan'24	SECOND PREBOARD EXAM				
11 th Jan'24 onwards	REVISION OF SYLLABUS / ENRICHMENT / REMEDIAL CLASSES				