

PROJECTED SYLLABUS FOR THE SESSION 2025-26

CLASS:12; SUBJECT: Accountancy

LEARNING OBJECTIVES:

Recording transactions:

Accounting involves recording financial transactions in a systematic and chronological manner. This helps businesses assess their financial health.

Preparing financial statements:

Accounting involves preparing financial statements like income statements, balance sheets, profit and loss statements, and cash flow statements.

Assessing financial position:

Accounting helps businesses understand their financial position by recording assets, debts, profits, and losses.

Decision making:

Accounting provides financial data and information that helps businesses make decisions.

Controlling fraud:

Accounting creates a system of accountability that helps prevent fraud and financial errors.

Creating a financial history:

Accounting creates a detailed history of a company's financial actions, which can be used to create a database of economic and financial data.

APRIL	MAY	JULY
CH 1 Fundamentals of partnership	CH 2 Goodwill CH 3 Change in profit sharing ratio	CH 4 Admission of a partner CH 5 Retirement of a Partner CH 13 Comparative and Common Size Statements
AUGUST	SEPTEMBER	OCTOBER
CH 6 Death of a partner CH 7 Dissolution of a Firm	Ch 8 Issue of Shares	CH 8 Forfeiture of Shares CH 9 Debentures
NOVEMBER	DECEMBER	JANUARY
CH 10 Ratio Analysis CH 11 Cash Flow Statements	Pre Board Exams	Practicals
FEBRUARY		
Board Exams		

PA1	CH 1 Fundamentals of Partnership CH 2 Goodwill
HALF YEARLY	CH 3 Change in Profit Sharing Ratio CH 4 Admission of a partner CH 5 Retirement of a partner CH 6 Death of a Partner CH 7 Dissolution of a Firm
Pre Boards	Full Syllabus

SYLLABUS PLAN FOR THE SESSION 2025-26
CLASS: 12; SUBJECT: Math Applied

LEARNING OBJECTIVES:

a) To develop an understanding of basic mathematical and statistical tools and their applications in the field of commerce (business/finance/economics) and social sciences. b) To model real-world experiences/problems into mathematical expressions using numerical/algebraic/graphical representation.

APRIL	MAY	JULY
UNIT 2 – ALGEBRA(15 days)	UNIT 1 - NUMBERS AND QUANTIFICATION , NUMERICAL APPLICATIONS (12 days)	UNIT - 3 Calculus (18 days)
AUGUST	SEPTEMBER	OCTOBER
Unit 3 - Calculus cont.(4 days) Unit 4 - Probability Distribution(10 days) Unit 8 – LPP (5 days)	Half Yearly Exams Unit 8 – LPP cont. (4 days)	Unit - 5 Inferential Statistics (8 days) Unit - 6 Index numbers and Time based data(6 days)
NOVEMBER	DECEMBER	JANUARY
Unit 7 Financial Mathematics(8 days)	Pre Boards	Final Practicals
FEBRUARY		
Final Practicals / Final Exams	Final Exams	

PA1	UNIT - 2
HALF YEARLY	UNIT - 1 , 2 , 3, 4
Pre Board	Unit - 1 , 2 , 3 , 4 , 5, 6, 7, 8(Full Syllabus)
FINAL	Unit – 1,2,3,4,5,6,7,8 (Full Syllabus)

SYLLABUS PLAN FOR THE SESSION 2025-26
CLASS: 12; SUBJECT: AUTOMOTIVE

LEARNING OBJECTIVES: To provide students with fundamental knowledge of vehicle system such as engine, transmission and brakes. It's focuses son developing hand on skill in maintenance, repair and diagnostic. Students learn safe workshop practice and the use of tools and equipment. The subject encourages problem solving through real world troubleshooting scenarios. Overall it prepare students for employment and further study in automotive industries.

APRIL	MAY	JULY
Unit 1:- Measuring and service equipment 1.1 Air compressor 1.2 Car washer 1.3 Tyre inflator 1.4 Spark plug cleaner and tester 1.5 Wheel balancing Employability Skill Chapter 1:- communication skill	Unit 2:- steering system 2.1 Concept of live and dead axel 2.2 Ackerman principal of steering 2.3 Steering geometry 2.4 Steering gearbox 2.4 Steering linkages 2.5 Power steering 2.6 Trouble shooting and remedies Employability Skill Chapter 2. Self management Skill	Unit 3:- Suspension system 1.1 Introduction 1.2 Types of suspension system 1.3 Description of suspension system 1.4 Component of suspension system 3.5 Mac Pherson strut suspension system 3.6 Trouble shooting chart Employability Skill Chapter 3. ICT skill
AUGUST	SEPTEMBER	OCTOBER
Unit 4:- Transmission and final drive system 4.1 Difference between manual and automatic transmission system 4.2 Propeller shaft 4.3 Universal joint 4.4 final drive 4.5 Differential 4.6 Rear axel 4.7 trouble shooting chart Employability Skill:- Chapter 4. Entrepreneurship skill	Unit 5:- Automotive electrical and electronic system 5.1 introduction 5.2 Purpose of automotive electric system 5.3 Layout of automotive electric system 5.4 charging system 5.5 Starting system Employability Skill:- Chapter 5.- green skill	Unit 5:- 5.6 different circuit diagram of car 5.7 Engine management system 5.8 Trouble shooting chart
NOVEMBER	DECEMBER	JANUARY
Unit 6:- Motor vehicle act and rules Practical	PA 2	Project submission and final practical practices

FEBRUARY		
Practical		

PA1	Unit 1 Automotive and Chapter 1 Employability skill
HALF YEARLY	Unit 1, 2, 3 of automotive and chapter 1,2,3 of employability skill
PA 2	Unit 1,2,3,4,5 of automotive and Chapter 1 , 2, 3, 4, 5 of employability skill
FINAL	Unit 1,2,3,4,5, 6 of automotive and Ch - 1 , 2, 3, 4, 5 of employability skill

SYLLABUS PLAN FOR THE SESSION 2025-26

CLASS: 12

SUBJECT: BIOLOGY

LEARNING OBJECTIVES:

Identify and develop an understanding of concepts, principles, theories, and laws governing the physical world around a biological entity.

Develop the ability to acquire and use the methods and processes of science, such as observing, questioning, planning investigations, hypothesising, collecting, analysing and interpreting data, communicating explanations with evidence, justifying explanations, thinking critically to consider and evaluate alternative explanations, etc., in the biological perspectives

Build upon the perceptive of basic tools and techniques used in concepts to analyze various issues in biology

Conduct experiments, also involving quantitative measurements in biology

Appreciate how concepts of biology evolve with time giving importance to its historical perspective CE6.

Develop scientific temper with respect to biological phenomena

APRIL	MAY	JULY
1. Sexual Reproduction in Flowering Plants 2. Human Reproduction	3. Reproductive Health 8. Microbes in Human Welfare	4. Principles of Inheritance and Variation 5. Molecular Basis of Inheritance 6. Evolution
AUGUST	SEPTEMBER	OCTOBER
7. Human Health and Diseases Revisions	Half Yearly Exams 9. Biotechnology - Principles and Processes	10. Biotechnology and its Application 11. Organisms and Populations Practical classes
NOVEMBER	DECEMBER	JANUARY
12. Ecosystem 13. Biodiversity and Conservation Practical Class	PRE-BOARDS	BOARD PRACTICAL EXAMS
FEBRUARY	MARCH	
FINAL EXAMS	FINAL EXAMS	

PA1	1. Sexual Reproduction in Flowering Plants 2. Human Reproduction 3. Reproductive Health
HALF YEARLY	1. Sexual Reproduction in Flowering Plants 2. Human Reproduction 3. Reproductive Health 4. Principles of Inheritance and Variation 5. Molecular Basis of Inheritance 6. Evolution 7. Human Health and Diseases 8. Microbes in Human Welfare
PA2	FULL SYLLABUS (PRE-BOARDS)
FINAL EXAM	FULL SYLLABUS (BOARDS)

PROJECTED SYLLABUS FOR THE SESSION 2025-26**CLASS: 12; SUBJECT: BUSINESS STUDIES****LEARNING OBJECTIVES:**

Students will be able to

- To inculcate business attitude and develop skills among students to pursue higher education, world of work including self-employment.
- To develop students with an understanding of the processes of business and its environment;
- To acquaint students with the dynamic nature and inter-dependent aspects of business;
- To develop an interest in the theory and practice of business, trade and industry;
- To familiarize students with theoretical foundations of the process of organizing and managing the operations of a business firm;
- To help students appreciate the economic and social significance of business activity and the social cost and benefits arising there from;
- To acquaint students with the practice of managing the operations and resources of business;
- To enable students to act more effectively and responsibly as consumers, employers, employees and citizens

APRIL	MAY	JULY
CH 1 Nature and Significance of Management CH 2 Principles of Management	CH 3 Business Environment CH 4 Planning	CH 4 Organising CH 5 Staffing
AUGUST	SEPTEMBER	OCTOBER
CH 6 Staffing CH 7 Directing CH 8 Controlling REVISION	CH 9 Financial Management	CH 10 Financial Markets CH 11 Marketing Management
NOVEMBER	DECEMBER	JANUARY
CH 12 Consumer Protection REVISION	EXAMS	PRACTICALS
FEBRUARY		
BOARD EXAMS		

PA1	CH 1 Nature and Significance of Management CH 2 Principles of Management CH 3 Business Environment CH 4 Planning
HALF YEARLY	CH 1 Nature and Significance of Management CH 2 Principles of Management CH 3 Business Environment CH 4 Planning CH 4 Organising CH 5 Staffing CH 6 Staffing

	CH 7 Directing CH 8 Controlling
PRE BOARD EXAMS	CH 1 Nature and Significance of Management CH 2 Principles of Management CH 3 Business Environment CH 4 Planning CH 4 Organising CH 5 Staffing CH 6 Staffing CH 7 Directing CH 8 Controlling CH 9 Financial Management CH 10 Financial Markets CH 11 Marketing Management CH 12 Consumer Protection

ST. JOHN'S HIGH SCHOOL**CLASS: 12****SUBJECT:CHEMISTRY****SYLLABUS PLAN FOR THE SESSION 2025-26*****LEARNING OBJECTIVES:***

promote understanding of basic facts and concepts in chemistry while retaining the excitement of chemistry.

- Students will be capable of studying chemistry in academic and professional courses (such as medicine, engineering, technology) at tertiary level.
- expose the students to various emerging new areas of chemistry and apprise them with their relevance in future studies and their application in various spheres of chemical sciences and technology.
- equip students to face various challenges related to health, nutrition, environment, population, weather, industries and agriculture.
- expose the students to different processes used in industries and their technological applications.
- apprise students with interface of chemistry with other disciplines of science such as physics, biology, geology, engineering etc.
- develop an interest in students to study chemistry as a discipline.
- integrate life skills and values in the context of chemistry.

APRIL	MAY	JULY
Ch-2 Solutions Ch-10 Haloalkanes and Haloarenes.	Ch-11 Alcohols, Phenols and Ethers PA1 Exams	Ch-13 Amines Ch14- Biomolecules Ch-8 d and f Block Elements Practical Classes
AUGUST	SEPTEMBER	OCTOBER
Ch-4 Chemical kinetics Ch-3 Electrochemistry Practical Class	Half Yearly Exams	Ch-9 Coordination Compounds Ch-12 Aldehydes, Ketones and acids Practical classes
NOVEMBER	DECEMBER	JANUARY
Ch-12 Aldehydes (continued) Practical Class	Pre-Board	Revision Final Board Practical
FEBRUARY	MARCH	
Board practical	Board exams	

PA1	Ch-2 Solutions Ch-10 Haloalkanes and Haloarenes. Ch-11 Alcohols, Phenols and Ethers
HALF YEARLY	CH-2,3,4,8,10,11,13,14 Chapter covered from(APRIL TO AUGUST)
Pre-Board	FULL SYLLABUS

SYLLABUS PLAN FOR THE SESSION 2025-26
CLASS: 12; SUBJECT: COMPUTER SCIENCE

LEARNING OBJECTIVES:

Students will be able to:

- a) Apply the concept of function.
- b) Explain and use the concept of file handling.
- c) Use basic data structure: Stacks
- d) Explain basics of computer networks.
- e) Use Database concepts, SQL along with connectivity between Python and SQL.

APRIL	MAY	JULY
Exception Handling Functions	File Handling – Text files PA1 Examination	File Handling – Text files, Binary files, csv files
AUGUST	SEPTEMBER	OCTOBER
Stacks, SQL	Revision Half Yearly Examination	SQL contd.. Interface of python with an SQL database.
NOVEMBER	DECEMBER	JANUARY
Networking	Revision PreBoard Examination	Board Practicals
FEBRUARY		
Board Exams		

PA1	Functions, Exception Handling, File Handling – Text files
HALF YEARLY	Functions, Exception Handling, File Handling – Text files, Binary files, csv files, Stacks, Database Concepts, SQL
PreBoard	Functions, Exception Handling, File Handling – Text files, Binary files, csv files, Stacks, Database Concepts, SQL, Interface of python with an SQL database, Networking
FINAL	Entire syllabus as in Pre Boards.

SYLLABUS PLAN FOR THE SESSION 2025-26

CLASS: 12; SUBJECT: ECONOMICS

LEARNING OBJECTIVES:

1. Analyze and evaluate real-world economic scenarios using theoretical constructs and arguments. Demonstrate an understanding of economic theory. Explore areas of economics that students find interesting. Develop communication skills to present logical arguments effectively.
2. Students will analyze the performance and functioning of government, markets and institutions in the context of social and economic problems. Students will think critically about economic models, evaluating their assumptions and implications.
3. Economic objectives are the targets that are set by individuals / firms / governments to achieve. All bodies pursue maximising objectives which aim to get the most out of what they do. Firms are regarded as profit maximisers who attempt to maximise shareholder value and generate funds to support growth.

APRIL	MAY	JULY
<u>MACROECONOMICS</u> Ch-2- some basic concepts of macroeconomics Ch- ,3 National income and related aggregate Ch- 4 M ethod of calculating national income	Ch- 5 Money Ch - 6 Banking Ch- 7 Aggregate demand , aggregate supply and related concepts. Ch- 8 Short run equilibrium	Ch 9 - Problem of deficient demand and excess demand Ch- 10 Government budget and economy Ch-11 Foreign exchange rate
AUGUST	SEPTEMBER	OCTOBER
Ch -12 Balance of payment <u>INDIAN ECONOMIC DEVELOPMENT</u> <u>CH-1</u> Indian economy on the eve of independence CH-2 Indian economy	Half Yearly Exams	Ch-3 liberalization privatization and globalisation Ch -4 human capital formation Ch - 5 Rural development Ch 6 -Employment
NOVEMBER	DECEMBER	JANUARY
Ch -7 Environment and sustainable development Ch-8 comparative development experience of India and its neighbours	PRE BOARD	FINAL PRACTICAL
FEBRUARY		

PA1	Ch-2- some basic concepts of macroeconomics Ch- ,3 National income and related aggregate Ch- 4 M ethod of calculating national income
HALF YEARLY	Ch-2- some basic concepts of macroeconomics Ch- ,3 National income and related aggregate Ch- 4 M ethod of calculating national income Ch- 5 Money

	Ch - 6 Banking Ch- 7 Aggregate demand , aggregate supply and related concepts. Ch- 8 Short run equilibrium Ch 9 - Problem of deficient demand and excess demand Ch- 10 Government budget and economy Ch-11 Foreign exchange rate Ch -12 Balance of payment <u>INDIAN ECONOMIC DEVELOPMENT</u> <u>CH-1</u> Indian economy on the eve of independence CH-2 Indian economy
PRE BOARD	FULL SYLLABUS
FINAL	FULL SYLLABUS

SYLLABUS PLAN FOR THE SESSION 2025-26
CLASS:12 SUBJECT: ENGLISH

LEARNING OBJECTIVES:

- To develop greater confidence and proficiency in the use of language skills
- To promote advanced language skills to develop the skills of reasoning, drawing inferences, necessary for social and academic purposes.
- To develop the ability and acquire the knowledge required in order to engage in independent reflection and enquiry.
- To be able to read and comprehend extended texts. Develop the ability to read, understand, and interpret various types of texts, including prose, poetry, and drama.
- To write expository/argumentative essays, explaining or developing a topic, arguing a case, etc, write formal/informal letters and applications for different purposes.
- Develop the ability to write clearly, coherently, and persuasively on a variety of topics.

APRIL	MAY	JULY
FLAMINGO The Last Lesson My Mother at Sixty Six (Poem) Lost Springs VISTAS The Third Level Notice Writing	VISTAS The Tiger King Formal Invitation Display Invite Reply	FLAMINGO Deep Waters Keeping Quiet Poem The Rattrap Indigo Article Writing Letter to the Editor
AUGUST	SEPTEMBER	OCTOBER
FLAMINGO A Thing of Beauty VISTAS A Journey to the end of the world The Enemy Report Writing ASL	Revision Half Yearly Examination	FLAMINGO The Roadside Stand Poets and Pancakes VISTAS On the Face of it. Resume Writing
NOVEMBER	DECEMBER	JANUARY
FLAMINGO The Interview Aunt Jennifer's Tigers Going Places VISTAS Memories of Childhood	Pre Boards	Practicals
FEBRUARY		

Board Exam		
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PA1	1. The Last Lesson 2. Lost Spring 3. The Third Level 4. My Mother at Sixty Six Writing Skills 1. Notice Writing 2. Formal Invitation Reading Comprehension
HALF-YEARLY	Flamingo 1. The Last Lesson 2. Lost Spring 3. Deep Water 4. The Rattrap 5. Indigo 6. Poets and Pancakes (Poetry) 1. My Mother at Sixty-Six 2. Keeping Quiet 3. A Thing of Beauty Vistas 1. The Third Level 2. The Tiger King 3. Journey to the End of the Earth 4. The Enemy Writing Tasks 1. Notice writing 2. Invitation 3. Letter to the Editor 4. Resume writing & Application 5. Article Writing 6. Report Writing Reading Comprehension
Pre Boards	Flamingo 1. The Last Lesson 2. Lost Spring 3. Deep Water 4. The Rattrap 5. Indigo

	<ol style="list-style-type: none"> 6. Poets and Pancakes 7. The Interview 8. Going Places <p>(Poetry)</p> <ol style="list-style-type: none"> 1. My Mother at Sixty-Six 2. Keeping Quiet 3. A Thing of Beauty 4. A Roadside stand 5. Aunt Jennifer's Tigers <p>Vistas</p> <ol style="list-style-type: none"> 1. The Third Level 2. The Tiger King 3. Journey to the End of the Earth 4. The Enemy 5. On the Face of it. 6. Memories of Childhood <p>Writing Tasks</p> <ol style="list-style-type: none"> 1. Notice Writing 2. Invitation 3. Letter to the Editor 4. Resume Writing & Application 5. Article Writing 6. Report Writing <p>Reading Comprehension</p>
Final	Complete Syllabus

SYLLABUS PLAN FOR THE SESSION 2025-26

CLASS: 12

SUBJECT:FOOD PRODUCTION

LEARNING OBJECTIVES:

The Skill Course in "Food Production" is designed with the following objectives:

1. To develop skills of entrepreneurship in the Industry.
2. To find employment as food production personnel and assistant manager in small scale food service unit.
3. The course enables the students to establish and manage a small scale food service unit. It provides them with the necessary knowledge and skill to run and control all operations in the unit.
4. It also equips the student to find employment in canteens, restaurants, hostel, railway catering and mobile catering.
5. It also helps to develop culinary skills.
6. The course can attain its objective only if it is taught by skilled teacher and the prescribed infrastructure provided by the school.
7. The school should also negotiate with neighbourhood food service units for on-the-job training.

APRIL	MAY	JULY
Unit 2: Indian Snacks Unit 4: Indian Sweets Unit 1: Communication Skills-IV	Unit 3: Indian Gravies Unit 2: Self-management Skills-IV PA1 Exams	Unit 5: Presentation of Indian meals Unit 6: Fast Food Practical Classes
AUGUST	SEPTEMBER	OCTOBER
Unit 7: Introduction to baking Unit 3: ICT Skills-IV Practical Class	Half Yearly Exams	Unit 8: Menu Planning Unit 9: Food Costing Unit 4: Entrepreneurial Skills-IV Practical classes
NOVEMBER	DECEMBER	JANUARY
Unit 10: Food Safety Unit 1: Indian Regional Cookery Practical Class	Unit 5: Green Skills-IV Pre-Board	Revision Final Board Practical
FEBRUARY	MARCH	
Board practical	Board exam	

PA1	Unit 2 Unit 1 ES
HALF YEARLY	2,3,4,5,6,7 and ES 1,2,3
PRE-BOARD EXAM	FULL SYLLABUS

SYLLABUS PLAN FOR THE SESSION 2025-26

CLASS: 12

SUBJECT: Legal Studies

LEARNING OBJECTIVES:

- To provide exposure on various systems of law such as Common Law, Civil Law etc.
- To deal with principles of practical utility such as the concept of Rule of Law, principles of justice, differences between criminal and civil cases, the concept of crime and the fundamental theories of punishment, rights available to the accused at various stages of the criminal investigative process, or the key components of Human Rights, etc.
- To understand the fundamental concepts and subject matter of property, contract and tort law.
- To understand the rudimentary aspects of contract law such as formation of contract, terms and conditions of contracts, discharge of contract, etc.
- To enable students to form an understanding of rights and duties and various categories of liability principles which form the bedrock for an understanding of Law.

APRIL	MAY	JULY
UNIT 1- Judiciary	UNIT 2- Alternative Dispute Resolution in India (ADR)	UNIT 3- Topics in Law- I (Business Laws) Chapter 3 (A) - Law of Contract Chapter 3 (B) - Law of Torts Chapter 3 (C) - Law of Property Chapter 3 (D) - Intellectual Property Law
AUGUST	SEPTEMBER	OCTOBER
UNIT 4- Topics in Law- II (General Laws) Chapter 4 (A) -Law and Sustainable Development Chapter 4 (B)- Forms of Legal Entities Chapter 4 (C) - Criminal Laws in India	Half Yearly Exams UNIT 5- Concept of Human Rights Chapter 5 (A)-Human Rights in India Chapter 5 (B)-Human Rights Violations Complaint Mechanism (Quasi-Judicial Bodies)	UNIT 5- Concept of Human Rights Chapter 5 (B)-Human Rights Violations Complaint Mechanism (Quasi-Judicial Bodies)
NOVEMBER	DECEMBER	JANUARY
Unit 6 International Law Unit 7 Legal Profession in India Unit 8 Legal Services PROJECT/VIVA	PRE-BOARDS	BOARD PRACTICAL EXAMS
FEBRUARY	MARCH	
FINAL EXAMS	FINAL EXAMS	

PA1	UNIT 1- Judiciary
HALF YEARLY	UNIT 2- Alternative Dispute Resolution in India (ADR) UNIT 3- Topics in Law- I (Business Laws) Chapter 3 (A) - Law of Contract Chapter 3 (B) - Law of Torts Chapter 3 (C) - Law of Property Chapter 3 (D) - Intellectual Property Law UNIT 4- Topics in Law- II (General Laws) Chapter 4 (A) -Law and Sustainable Development Chapter 4 (B)- Forms of Legal Entities Chapter 4 (C) - Criminal Laws in India UNIT 5- Concept of Human Rights Chapter 5 (A)-Human Rights in India Chapter 5 (B)-Human Rights ViolationsComplaint Mechanism (Quasi-Judicial Bodies) Chapter 5 (B)-Human Rights ViolationsComplaint Mechanism (Quasi-Judicial Bodies) Unit 6 International Law Unit 7 Legal Profession in India Unit 8 Legal Services
PA2	FULL SYLLABUS (PRE-BOARDS)
FINAL EXAM	FULL SYLLABUS (BOARDS)

SYLLABUS PLAN FOR THE SESSION 2025-26
CLASS: 12; SUBJECT: Math CORE

LEARNING OBJECTIVES:

- **Mathematical operations:** Understand how to use mathematical operations and procedures appropriately
- **Interpreting information:** Understand how to interpret information in the form of graphs, texts, or images
- **Mathematical reasoning:** Develop logical reasoning skills and apply them to problem-solving
- **Mathematical communication:** Formulate conjectures, validate logical arguments, and test hypotheses
- **Mathematical vocabulary:** Develop mathematical vocabulary
- **Mathematization:** Develop the ability to think logically, formulate, and handle abstractions
- **Exploring concepts:** Explore concepts in several ways to develop an understanding of them
- **Relations and functions:** Understand the concept of relations and functions, and identify different types of relations and functions
- **Domain, co-domain, and range:** Determine the domain, co-domain, and range of a function
- **Operations on functions:** Perform operations on functions, such as composition and inverse
- **Applications of integrals:** Use integration to find the area of simple curves and combinations of curves
- **Differential equations:** Understand the meaning of differential equations, and solve differential equations of first order and first degree

APRIL	MAY	JULY
Chapter 3 -Matrices Chapter 4- Determinants Chapter 1-Relations and Functions	Chapter 2- Inverse trigonometry Chapter 5 Differentiation	Chapter 5 Differentiation cont. Chapter 6 Applications of differentiation Chapter 7 Integration
AUGUST	SEPTEMBER	OCTOBER
Chapter 8 Applications of Integration Chapter 9 – Differential Equations	Half Yearly Exams	Chapter10 Vectors Algebra Chapter 11 Three Dimensional geometry Chapter 12 – LPP
NOVEMBER	DECEMBER	JANUARY
Chapter- 13 Probability	Pre Boards	Final Practicals
FEBRUARY		
Final Practicals		

PA1	Ch-1,3, 4
HALF YEARLY	Ch-1, 2, 3 , 4 , 5 , 6 , 7
Pre Board	Ch-1,2,3,4,5,6,7,8,9,10,11,12,13 (Full Syllabus)
FINAL	Ch- 1,2,3,4,5 6,7,8,9,10,11,12,13 (Full Syllabus)

SYLLABUS PLAN FOR THE SESSION 2025-26

CLASS: 12

SUBJECT: PAINTING(049)

LEARNING OBJECTIVES:

- Learn how to arrange different elements in a painting to create a good composition.
- Express your thoughts, emotions, and ideas through painting.
- Art in School Education addresses the Goals and Competencies for every student to find diverse ways of persisting and solving problems.
- Art classes involve three important processes—making artwork, thinking creatively in the Arts, and appreciating all forms of artistic expression down the ages.
- Explore how art can reflect social, political, or environmental issues.
- Use painting as a way to reduce stress and improve focus. Develop the ability to express your emotions creatively.

APRIL	MAY	JULY
<p>INTRODUCTION About The subject</p> <p>Unit-1</p> <ul style="list-style-type: none">• Miniature Paintings• A brief introduction to Indian Miniature Schools: Western- Indian, Pala. <p>chapter -1</p> <p>The Rajasthani School of Miniature Painting</p> <p>Practical: Introduction of Object study with Water colours</p> <p>Uses of colour mediums</p>	<p>Chapter-2 Pahari School of Miniature Painting</p> <p>Practical: Study of two or three natural and geometric forms with colours</p>	<p>Chapter 3 - The Mughal School of Miniature Painting</p> <p>Practical:</p> <p>Natural forms like plants, vegetables, fruits and flowers, etc., are to be used. Geometrical forms of objects like cubes, cones, prisms, cylinders and spheres should be used.</p>
AUGUST	SEPTEMBER	OCTOBER
<p>Chapter -4 Deccan Schools of Miniature Painting.</p> <p>Chapter- Artistic aspects of Indian Temple sculpture Period: 6th Century CE to 13th Century CE</p> <ul style="list-style-type: none">• Introduction• Study and appreciation of	<p>Unit-2</p> <p>Chapter5- Indian National Flag</p> <ul style="list-style-type: none">• Method of casting (solid and hollow)• Study and appreciation of following South Indian Bronze	<p>Chapter-6 The Bengal School of Painting</p> <ul style="list-style-type: none">• Introduction• Study and appreciation of architecture• Qutub Minar, Delhi

<p>Notable Temple's sculpture.</p> <p>practical: creative exercises of drawing and colouring of human figures</p>	<p>● Nataraj</p> <p>Practical : Painting Composition (Imagination based)</p>	<p>● Gol Gumbad of Bijapur</p> <p>Practical: Painting Composition (Imagination based)</p> <p>Sketches of nature study</p>
NOVEMBER	DECEMBER	JANUARY
<p>Chapter -7 The Modern Trends in Indian Art Paintings, Graphic Prints, Sculptures</p> <p>Practical: nature study and poster making</p>	<p>REVISION start from unit-1</p> <p>Practical: poster making</p> <p>Portfolio Assessment based on nature and object study, composition, poster art, folk art individual work of student's own style, 1 canvas art work with oil/ acrylic.</p>	<p>Revision of unit-2</p> <p>CBSE BOARD PRACTICALS</p>
FEBRUARY and March of first half		
FINAL BOARD EXAMINATION		

PA1	<p>Unit-1</p> <p>-Miniature Paintings</p> <p>-A brief introduction to Indian Miniature Schools: Western- Indian, Pala.</p> <p>-chapter -1The Rajasthani School of Miniature Painting</p> <p>-Chapter -2 the Pahari school of miniature painting.</p> <p>Marks :15M</p> <p>Practical: object study</p>
HALF YEARLY	<p>Unit 1 chapter -1, chapter -2, chapter -3, chapter -4, unit-2 chapter -5</p> <p>Marks: 30M</p> <p>Practical:70 M (object study and shapes and form composition)</p>

PA2	Unit-2 Chapter: 5, 6,7 Practical: composition
FINAL	Unit-1 chapter-1,2,3,4 Unit-2 chapter - 5,6,7 Practical: still life : object study, composition , portfolio assessments (complete)

SYLLABUS PLAN FOR THE SESSION 2025-26
CLASS: 12; SUBJECT: PHYSICAL EDUCATION

LEARNING OBJECTIVES:

Students will be able to:

- 1) To make the students understand the need and meaning of planning in sports, committees, and their responsibilities for conducting the sports event or tournament.
- 2) To make students understand the exercise guidelines of WHO for different age groups
- 3) To make students Understand about the main life style disease - Obesity, Hypertension, Diabetes, Back Pain and Asthma.
- 4) To teach students about the types of disabilities & disorders, their causes, and their nature.
- 5) To clear the concept of Nutrition – Micro & Macro nutrients, Nutritive & non- Nutritive Components of diet
- 6) To measure the fitness level of Senior Citizens through Rikli and Jones Senior Citizen Fitness Test.
- 7) Learning the effects of exercises on the Muscular system, Cardio-vascular system, Respiratory system
- 8) Make students understand the concept of Equilibrium and its application in sports.
- 9) To make students understand Personality & its classifications.
- 10) Making the students understand Circuit training and its importance

APRIL	MAY	JUNE
Management of Sporting Events Children and Women in Sports	Children and Women in Sports Yoga as Preventive measure for Lifestyle Disease	Holiday Homework (on practical file) Practical-1: Fitness tests administration. (SAI Khelo India Test) Practical-2: Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease. Practical-3: Anyone one IOA recognized Sport/Game of choice. Labelled diagram of Field & Equipment. Also, mention its Rules, Terminologies & Skills.
JULY	AUGUST	SEPTEMBER
Physical Education & Sports for (CWSN)	Sports & Nutrition Test and Measurement in Sports	Half Yearly Examination
OCTOBER	NOVEMBER	DECEMBER
Physiology & Injuries in Sport Biomechanics and Sports	Psychology and Sports Training in Sports	PA2 Examination Pre Board
JANUARY	FEBRUARY	
Final Board Practical	Final Examination	

PA1	Management of Sporting Events Children and Women in Sports
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HALF YEARLY	Management of Sporting Events Children and Women in Sports Yoga as Preventive measure for Lifestyle Disease Physical Education & Sports for (CWSN) Sports & Nutrition Test and Measurement in Sports
PA2	Physiology & Injuries in Sport Biomechanics and Sports
Pre-Board	All Chapters(1-10)

ST. JOHN'S HIGH SCHOOL**CLASS: 12****SUBJECT: PHYSICS****SYLLABUS PLAN FOR THE SESSION 2025-26*****LEARNING OBJECTIVES:***

Salient features of the syllabus include:

- Emphasis on basic conceptual understanding of the content.
- Emphasis on use of SI units, symbols, nomenclature of physical quantities and formulations as per international standards.
- Providing logical sequencing of units of the subject matter and proper placement of concepts with their linkage for better learning.
- Reducing the curriculum load by eliminating overlapping of concepts/content within the discipline and other disciplines.
- Promotion of process-skills, problem-solving abilities and applications of Physics concepts.
- Strengthen the concepts developed at the secondary stage to provide firm foundation for further learning in the subject.
- Expose the learners to different processes used in Physics-related industrial and technological applications.
- Develop process-skills and experimental, observational, manipulative, decision making and investigatory skills in the learners.

APRIL	MAY	JULY
Ch-1 Electric Charges And Fields Ch-2 Electrostatic Potential and Capacitance Practical Class	Ch-3 Current and Electricity Ch-4 Magnetic Effect of Electric Current PA1 Exams	Ch-5 Magnetism and Matter Ch-6 Magnetic Effect of Electric Current Ch-7 Alternating Current Practical Class
AUGUST	SEPTEMBER	OCTOBER
Ch-8 Electromagnetic Waves Ch-9 Ray Optics Revision Practical Class	Half Yearly Exams	Ch-10 Wave Optics Ch-11 Dual Nature Of Radiation Practical Class
NOVEMBER	DECEMBER	JANUARY
Ch-12 Atoms Ch-13 Nuclei Ch-14 Semiconductor Devices Practical Class	Pre-Board	Revision Final Board Practical
FEBRUARY	MARCH	
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PA1	Ch-1,2
HALFYEARLY	Ch-1,2,3,4,5,6,7,8,9
Pre-Board	FULLSYLLABUS
FINAL	--

SYLLABUS PLAN FOR THE SESSION 2025-26
CLASS: XII; SUBJECT: POLITICAL SCIENCE

LEARNING OBJECTIVES:

- ☐ Enables an understanding of the nature of political interactions amongst the sovereign states in the World.
- ☐ Trace the key political events and processes in the post-cold war era.
- ☐ Analyze the all-encompassing impact of various global institutions, processes, and events.
- ☐ Promote international understanding and respect for humanity.
- ☐ Understand and analyze constitutional institutions and their working in the post-independence era
- ☐ Appreciate the contribution of political leaders in Nation Building.
- ☐ Develop the capacity to link Government structure, processes, and their policies with contemporary political realities.
- ☐ Acquaint the students to the changing trends and developments in India.

APRIL	MAY	JULY
Book 1 Chapter 1 Challenges of Nation-Building Chapter 2 Era of One-Party Dominance	Chapter 3 Politics of Planned Development Chapter 4 India's External Relations Chapter 5 Challenges to and Restoration of the Congress System	Chapter 6 The Crisis of Democratic Order Chapter 7 Regional Aspirations Chapter 8 Recent Developments in Indian Politics
AUGUST	SEPTEMBER	OCTOBER
Book 2 Chapter 1 The End of Bipolarity Chapter 2 Contemporary Centers of Power Chapter 3 Contemporary South Asia	Revision Half Yearly Exam	Chapter 4 International Organizations Chapter 5 Security in the Contemporary World
NOVEMBER	DECEMBER	JANUARY
Chapter 6 Environment and Natural Resources Chapter 7 Globalization	Revision Pre Board 1	Final Practical exam and Revision
FEBRUARY		
Revision and Annual Exam		

PA1	Book 1 Chapter 1 Challenges of Nation-Building Chapter 2 Era of One-Party Dominance
HALF YEARLY	BOOK 1 –INDIAN POLITICS Chapter 1 Challenges of Nation-Building Chapter 2 Era of One-Party Dominance Chapter 3 Politics of Planned Development

	Chapter 4 India's External Relations Chapter 5 Challenges to and Restoration of the Congress System Chapter 6 The Crisis of Democratic Order BOOK 2- WORLD POLITICS/POLITICAL SCI PART -II Chapter 1 The End of Bipolarity Chapter 2 Contemporary Centers of Power
PRE BOARD 1	Book 1 Chapter – 1 to 8 Book 2 Chapter – 1 to 7 Full syllabus
FINAL	Full syllabus Book 1 Chapter – 1 to 8 Book 2 Chapter – 1 to 7

SYLLABUS PLAN FOR THE SESSION 2025-26
CLASS: 12; PSYCHOLOGY

Learning Objectives: To develop in learners an appreciation of multidisciplinary nature of psychological knowledge and its application in various aspects of life. To develop appreciation about human mind and behaviour in the context of learners' immediate society and environment. To understand the factors that promote positive health and wellbeing. To understand the social influence and group processes.

APRIL	MAY	JULY
Ch-1 Variations in Psychological Attributes	Ch 7 Social Influence and Group Processes Ch 2 Self and Personality PA 1 Exam	Ch-3 Meeting Life challenges
AUGUST	SEPTEMBER	OCTOBER
Ch-4 Psychological Disorders	Half Yearly Exams	Ch 5 Psychotherapeutic Approaches
NOVEMBER	DECEMBER	JANUARY
Ch--6 Attitude and Social Cognition	Pre Board Exam	Board Practical
FEBRUARY		
FINAL EXAM		

PA1	Ch-1, 7
HALF YEARLY	Ch-1, 2, 3,4
PRE BOARD	Complete Syllabus
FINAL	Complete Syllabus

SYLLABUS PLAN FOR THE SESSION 2025-26**CLASS: 12****SUBJECT: SOCIOLOGY (039)****LEARNING OBJECTIVES:**

- To enable learners to relate classroom teaching to their outside environment.
- To introduce them to the basic concepts of Sociology that would enable them to observe and interpret social life.
- To be aware of the complexity of social processes.
- To appreciate diversity in Indian Society and the world at large.
- To build the capacity of students to understand and analyze the changes in contemporary Indian society.

APRIL	MAY	JULY
<i>Introduction to the subject</i> <i>Theory -80m</i> <i>Practical-20m</i> <i>Book 1 and book</i> Chapter 1- Introducing Indian society Chapter 2 - The demographic structure of Indian society	Chapter 3 - Social institutions: continuity and change	Chapter 5 - Patterns of social inequality and exclusion Chapter 15 -Social movements
AUGUST	SEPTEMBER	OCTOBER
Chapter 6 - The challenges of cultural diversity Chapter 8 - Structural change Chapter 9 - Cultural change	Revision tests	Chapter 11 - Change and development in rural society
NOVEMBER	DECEMBER	JANUARY
Chapter 12 Change and development in urban society	Revision tests from cbse sample papers	Cbse board practicals
FEBRUARY		
FINAL BOARD EXAMINATION		

PA1	BOOK 1 Chapter 2 Chapter 3
HALF YEARLY	BOOK 1 Chapter 2 Chapter 3 Chapter 5 Chapter 6 Chapter 8 Chapter 9 Chapter 15
PA2	Chapter 5 Chapter 6 Chapter 7
FINAL	BOOK 1 Chapters 2 Chapters 3 Chapters 5 Chapters 6 BOOK 2 Chapters 8 Chapters 9 Chapters 11 Chapter 12 Chapter 15