

# **Annual Curriculum - 2024-25**

## **Class - XI**

### **Subject - English Core**

#### **April**

**Hornbill** - Prose - The Portrait of a Lady

**Writing** - Classified Advertisement

**Grammar** - Tenses

**Reading** - Descriptive Passage, Case Based Passage

**Listening and Speaking** - Practice of Listening and Speaking Skills

#### **May**

**Hornbill** - We're not Afraid to Die.....If we can All Be Together

Poem - The Photograph

**Snapshots** - The Summer of the Beautiful Horse

**Writing** - Classified Advertisement

**Grammar** - Clauses, Gap Filling

**Reading** - Factual Passage, Note Making

**Listening and Speaking** - Practice of Listening and Speaking Skills

#### **July**

**Hornbill** - Poem - The Laburnum Top

**Snapshots**- The Address

**Writing** - Poster Designing

**Grammar** - Re-ordering of Sentences, Transformation of Sentences

**Reading** - Literary Passage

**Listening and Speaking** - Practice of Listening and Speaking Skills

**August**

**Hornbill** - Prose - Discovering Tut: The Saga Continues Poem: The Voice of the Rain

**Snapshots** - The Mother' Day

**Writing** - Speech Writing and Debate Writing

**Grammar** - Practice of Gap Filling

**Reading** - Case Based Unseen Passage

**September**

**Hornbill** - Revision

**Snapshots** - Revision

**Writing** - Revision of Classified Advertisements

**Grammar** - Sentence Re-ordering

**Reading** - Revision of Passages

**Project Work** - Assessment of Listening and Speaking

**October**

**Hornbill** - Revision of Previous chapters

**Snapshots**- Revision of Previous chapters

**Writing** - Revision of Speech Writing and Debate Writing

**Grammar** - Transformation of Sentences

**Reading** - Unseen Passage for Note Making and Summarising

**Project Work** - Selection of topics for ASL Project Work

**November**

**Hornbill** - The Adventure Poem : Childhood

**Snapshots** - Birth

**Writing** - Revision of Classified Advertisements

**Grammar** - Transformation of sentences

**Reading** - Revision of Note Making

**Project Work** - Planning of project work

**December**

**Hornbill** - Silk Road

**Snapshots** - The Tale of Melon City

**Writing** - Revision

**Grammar** - Practice of Sentence Transformation

**Reading** - Revision of Unseen Passages

**Project Work** - The final drafting of Projects

**January**

**Hornbill** - Poem : Father to Son

**Snapshots** - Revision

**Writing** - Revisio

**Grammar** - Revision

**Reading** - Revision of Passages

**Project Work** - Submission of Project Work

## February

**Project Work** - Viva will be conducted by the External/ Internal Examiner as per Cbse guidelines.

### **MATHEMATICS**

#### **SYLLABUS**

<b>APRIL'2024</b>	Complex Numbers and Quadratic Equations(10) periods, Sets(20) periods
<b>MAY'2024</b>	Relations & Functions(25) periods,
<b>JULY'2024</b>	Trigonometric Functions(20) periods, Linear Inequalities(10) periods,
<b>AUGUST'2024</b>	Permutations and Combinations(10) periods, Binomial Theorem (15) periods,
<b>SEPTEMBER'2024</b>	Sequence and Series (20) periods, Straight Lines(10) periods
<b>OCTOBER'2024</b>	Straight Lines (15) periods, Conic Sections(15) periods
<b>NOVEMBER'2024</b>	Limits and Derivatives(40) periods , <u>Three-Dimensional Geometry</u> (15) periods.
<b>DECEMBER' 2024, JANUARY' 2024</b>	Statistics (20) Periods, Probability (20) periods

**Internal assessment: 20 Marks**

**Periodic Tests ( Best 2 out of 3 tests) = 10 marks**

**Mathematics Activities = 10 marks**

## Chemistry

CHAPTER	CONTENT	COMPLETION DATE
1- Some basic concept of chemistry	Theory, numerical, Exercise concept of chemistry Question, Intext Question, MCQ, Reason Assertion,Case based study question, H.W Question  Practical Activety (VOLUMETRIC ANALYSIS)	25 APRIL To MAY 2024
2- Structure of Atom	Theory, numerical, Exercise Question, Intext Questions, MCQ, Reason Assertion,Case based study question,  Practical Activety (VOLUMETRIC ANALYSIS)	MAY 2024 To JUNE
3- Chemical Periodicity and properties	Theory, numerical, Exercise and properties Question, Intext Question, MCQ, Reason Assertion,Case Based Study Question, Salt Analysis Group-1)	JULY -24
4- Chemical Bonding and molecular structure	Theory, numerical, Exercise & Question, Intext Question, Structure MCQ, Reason Assertion,Case Based Study Question	JULY TO AUGUST

	,Practical Activity (SALT ANALYSIS)  Group 2, 3 and 4	
5- Chemical Thermodynamics	Theory, numerical, Exercise Question, Intext Question, MCQ, Reason Assertion, Case Based Study Question, Practical Activity (SALT ANALYSIS Group 5,6.)	JULY TO AUGUST-24
6- Redox reaction	Theory, numerical, Exercise Question, Intext Question, MCQ, Reason Assertion, Case Based Study Question, Practical Activity (Organic Content- Chromatagrophy )	AUGUST TO SEP- 24
7- Chemical Equilibrium	Theory, numerical, Exercise Question, Intext Question, MCQ, Reason Assertion, Cased Based Study Question, Practical Activity	SEP TO OCT -24
8- Some Basic concept of ORGANIC CHEMISTRY	Theory, numerical, Exercise Question, Intext Question, Chemistry MCQ, Reason Assertion, Case Based Study Question, Revision of Chapter (Practical Activity)	OCT - 24
9- HYDROCARBON	Theory, numerical, Exercise Question, Intext Question, MCQ, Reason Assertion, MCQ, Reason Assertion,	NOV-24

	Case Based Study Question, Revision of Chapetr,Practical Activety  (REVISION )	
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<b>Subject - Biology</b>		
<b>Sr. No.</b>	<b>Syllabus</b>	<b>Month</b>
1	The Living World	April
2	Biological Classification	
3	Plants Kingdom	May
4	Animal Kingdom	
5	Morphology of Flowering Plant <b>Lab Activity:-</b> Study and describe locally available common flowening plants from family Solanacae	
6	Anatomy of Flowering Plant <b>Lab Activity:-</b> Preparation and study of T.S. of dicot & Mono Cot roots & Stems.	
7	Structural Organization in Animals	July

8	<p>Cell: The unit of Life</p> <p><b>Lab Activity:-</b> (1) Study of osmosis by Potato osmometer.</p> <p>(2) Study of plasmolysis in epidermalpel (Flashy/ scale leaves of onion bulb)</p>	
9	<p>Biomolecules</p> <p><b>Lab Activity:-</b> Test for the presence of Suger, Starch, Protiens &amp; Fat of onion bulb in suitable plant and Animal material.</p>	August
10	<p>Cell-cycle and Cell-Division</p> <p><b>Lab Activity:-</b> To show that prepared slide of cell division</p>	
11	<p>Photosynthesis in Higher Plant</p>	
12	<p>Respiration in Plants</p> <p><b>Lab Activity:-</b> Study of the rate of respiration in flower buds / leaf tissue and germinating seeds</p>	September
13	<p>Plant Growth &amp; Development</p>	
14	<p>Breathing and Exchange of Gases</p>	October
15	<p>Body Fluid &amp; Circulation</p>	
16	<p>Excretory Product and their Elimination</p> <p><b>Lab Activity:-</b> Test for presence of urea in urine Test for presence of suger in urine</p>	
17	<p>Locomotion &amp; Movement</p>	November
18	<p>Neural Centrol And Co-Ordination</p>	



19	Chemical Co-Ordination & Integration	
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<b>SYLLABUS OF CLASS XI (Physics)</b>		
<b>Month</b>	<b>Topic</b>	
	<b>S. No.</b>	<b>Chapters</b>
April	1	Physical World and Measurement Units and Measurements Experiment no 1
May	2	Motion in a Straight Line Experiment no 2
July	3	Motion in a Plane and Experiment no 3
August	4	Laws of Motion and Work, Energy and Power
September	5	System of Particles and Rotational Motion



## **(Economics)**

<b>Month</b>	<b>Topic</b>
April	<b>Part A: Statistics for Economics</b>
	Unit 1: Introduction
May	Unit 2: Collection, Organisation and Presentation of Data
July	Unit 3: Statistical Tools and Interpretation
	<b>Part B: Introductory Microeconomics</b>
August	Unit 4: Introduction
	Unit 5: Consumer's Equilibrium and Demand
October	Unit 5: Consumer's Equilibrium and Demand
November	Unit 6: Producer Behaviour and Supply
December	Unit 8: Forms of Market and Price Determination under perfect competition with simple applications
January	Revision and Project work

**(Business Studies)**

<b>Month</b>	<b>Topic</b>
April	<b>Part A</b>
	Unit 1: Nature and Purpose of Business
	Unit 2: Forms of Business Organisations
May	Unit 3: Public, Private and Global Enterprises
	Unit 4: Business Services
July	Unit 5: Emerging Modes of Business
August	Unit 6: Social Responsibility of Business and Business Ethis
September	<b><u>Part B</u></b>
	Unit 7: Sources of Business Finance
October	Unit 8: Small Business
November	Unit 9: Internal Trade
December	Unit 10: International Business

January	Revision and Project work
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**Subject - Accountancy**

<b>Accountancy</b>		
<b>Month</b>	<b>Topic</b>	
	<b>S. No.</b>	<b>Chapters</b>
April	1	_Meaning and Objectives of Accounting _Basic Accounting Terms
May	2	<a href="#">Accounting</a> Principles <a href="#">Process</a> and Bases of Accounting _Accounting Standards and International Financial Reporting Standards (IFRS)
July	3	Double Entry System Origin of Transactions: Source Documents of Accountancy Books of Original Entry – Journal
August	4	Accounting for Goods and Service Tax (GST) Books of Original Entry – Cash Book

September	5	Books of Original Entry – Special Purpose Subsidiary Books Ledger Trial Balance and Errors
October	6	Bank Reconciliation Statement Depreciation Provisions and Reserves
November		Rectification of Errors Capital and Revenue Financial Statements
December		Financial Statements – With Adjustments Accounts from Incomplete Records

**Subject - Physical Education ( 048 )**

**April**

**Unit - 1 Changing Trends and Careers in physical Education**

- ( I ) Concept,Aims & Objective of Physical Education
- ( II ) Development of Physical Education in India - Post Independence
- ( III ) Changing Trends in Sports - playing surface, wearable gear and sports equipment, technological advancements
- ( IV ) Career options in Physical Education
- ( V ) Khelo - India Program and Fit - India Program

**May**

**Unit - 2 Olympism Value Education**

- ( I ) Olympism - Concept and Olympics Values ( Excellence , Friendship , Respect )

( II ) Olympic Value Education - Joy of Effort , Fair Play, Respect for Others , Pursuit of Excellence, Balance Among Body, Will & Mind

( III ) Ancient and Modern Olympics

( IV ) Olympics - Symbols , Motto , Flag , Oath , and Anthem

( V ) Olympic Movement Structure - IOC , NOC , IFS , Other members

### **July**

#### **Unit - 3 Yoga**

( I ) Meaning and importance of Yoga

( II ) Introduction to Ashtanga Yoga

( III ) Yogic Kriyas ( Shat Karma )

( IV ) Pranayama and its types

( V ) Active Lifestyle and stress management through Yoga

#### **Unit -4 Physical Education and Sports for Children with Special Needs**

( I ) Concept of Disability and Disorder

( II ) Types of Disability , its causes & nature ( Intellectual disability , Physical disability )

( III ) Disability Etiquette

( IV ) Aim and Objectives of Adaptive Physical Education

( V ) Role of various professionals for children with special needs ( Counsellor , Occupational Therapist , Physiotherapist , Physical Education Teacher , Speech Therapist , and Special Educator )

#### **Practical - Badminton Court**

### **August**

#### **Unit -5 Physical Fitness , Wellness ,and lifestyle**

( I ) Meaning & importance of Wellness , Health , and Physical Fitness

( II ) Components / Dimensions of Wellness , Health and Physical Fitness

( III ) Traditional Sports & Regional Games for promoting wellness

( IV ) Leadership through Physical Activity and Sports

( V ) Introduction to First Aid - PRICE

**Practical - Kho kho Court**

**October**

**Unit - 6 Test , Measurement & Evaluation**

( I ) Define Test , Measurements and Evaluation in Sports

( II ) Importance of Test , Measurement and Evaluation in Sports

( III ) Calculation of BMI , Waist - Hip Ratio , Skin fold measurement ( 3 - site )

( IV ) Somato Types ( Endomorphy , Mesomorphy & Ectomorphy )

( V ) Measurements of Health - related fitness

**Unit -7 Fundamentals of Anatomy , Physiology in Sports**

( I ) Definition and importance of Anatomy and Physiology in Exercise and Sports

( II ) Functions of Skeletal System , Classification of Bones , and Types of Joints

( III ) Properties and Functions of Muscles

( IV ) Structure and Functions of Circulatory system and Heart

( V ) Structure and Functions of Respiratory System

**Practical - Kabaddi Court for Men & Women**

**November**

**Unit -8 Fundamentals of Kinesiology And Biomechanics in Sports**

( I ) Definition and importance of Kinesiology and Biomechanics in Sports

( II ) Principles of Biomechanics

( III ) Kinetic and Kinematics in Sports

( IV ) Types of Body Movements - Flexion , Extension , Abduction , Adduction , Rotation , Circumduction , Supination , & Pronation

( V ) Axis and Planes - Concept and its application in Body Movements

**Unit -9 Psychology and Sports**

( I ) Definition & Importance of Psychology in Physical Education & Sports



- ( II ) Developmental Characteristics at Different Stages of Development
- ( III ) Adolescent Problems & their Management
- ( IV ) team Cohesion and Sports
- ( V ) Introduction to Psychological Attributes : Attention , Resilience , Mental Toughness

**Practical - Sai khelo fitness test**

**December**

**Unit - 10 Training & Doping in Sports**

- ( I ) Concept and Principles of Sports Training
- ( II ) Training Load : Over Load , Adaptation , and Recovery
- ( III ) Warming up- up & Limbering Down Types, Method & Importance
- ( IV ) Concept of Skill , Technique , Tactics & Strategies
- ( V ) Concept of Doping and its disadvantages

**[Computer Science New]**

**TOTAL LESSON: - 12**

**PRE- Mid Term Test: - UNIT-I (JULY)**

**Mid Term Examination: - UNIT-I, UNIT-II, (SEPTEMBER)**

**Post Mid Term Test: - UNIT-III (NOVEMBER)**

**Final Examination: - UNIT-I to UNIT-III (DECEMBER)**

**DETAIL ABOUT SYLLABUS**

**April**

**CHAPTER: - 1. COMPUTER SYSTEM AND ORGANISATION**

**CHAPTER: -2. DATA REPRESENTATION AND BOOLEAN LOGIC**

**May  
PYTHON**

**CHAPTER: 3. COMPUTATIONAL THINKING AND GETTING STARTED WITH**

**CHAPTER: -4. PYTHON PROGRAMMING FUNDAMENTAL**

<b>July</b>	<b>CHAPTER: -5. CONDITIONAL AND LOOPING CONSTRUCTS</b>
	<b>CHAPTER: -6. STRINGS IN PYTHON</b>
<b>August</b>	<b>CHAPTER: -7. LISTS IN PYTHON</b>
<b>September</b>	<b>CHAPTER: -8. TUPLES AND DICTIONARY</b>
	<b>CHAPTER: -9. INTRODUCTION TO PYTHON MODULES</b>
<b>October</b>	<b>CHAPTER: -10. ERROR AND EXCEPTION HANDLING IN PYTHON</b>
<b>November</b>	<b>CHAPTER: -11. INTRODUCTION TO PROBLEM SOLVING TECHNIQUE</b>
<b>December</b>	<b>CHAPTER: -12. SOCIETY, LAW AND ETHICS</b>
<b>January</b> <b>SYLLABUS</b>	<b>COMPUTER SCIENCE PRACTICAL FILE CREATION (PCT-1) &amp; REVISION OF</b>
<b>February</b>	<b>REVISION OF SYLLABUS</b>

विषय- हिंदी केंद्रिक

(टर्म-१)

1. अप्रैल गद्य~पाठ-१ नमक का दरोगा (प्रेमचंद), काव्य~पाठ-१ पद (कबीर), वितान-पाठ-१ भारतीय गायिकाओं में बेजोड़ :लता मंगेशकर (कुमार गंधर्व), हिंदी व्याकरण-अपठित अंश-अपठित गद्यांश/ अपठित पद्यांश(Unit tests)

2. मई गद्य पाठ-2, मियां नसीरुद्दीन (कृष्णा सोबती) काव्य~पाठ-२ पद (मीरा) हिंदी व्याकरण-जनसंचार माध्यम

3. जुलाई गद्य~पाठ-3 अपू के साथ ढाई साल (सत्यजित राय) काव्य~पाठ-5 घर की याद (भवानी प्रसाद मिश्र), हिंदी व्याकरण-पत्रकारिता के विविध आयाम (pre mid term tests)

4 अगस्त गद्य-पाठ-4 विदाई संभाषण(बालमुकुंद गुप्त)काव्य~पाठ-6 चंपा काले काले अच्छर नहीं चीन्हती  
(त्रिलोचन) व्याकरण-3.डायरी लिखने की कला

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5. सितंबर गद्य~पाठ-5 गलता लोहा (शेखर जोशी), हिंदी व्याकरण-4=कथा पटकथा (mid term examination)

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(टर्म-२)

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6. अक्टूबर गद्य-पाठ-7 रजनी (मन्नु भंडारी)काव्य~पाठ-7 गज़ल (दुष्यंत कुमार) व्याकरण-5.कार्यालयी लेखन  
और प्रक्रिया,वितान- पाठ -2 राजस्थान की रजत बूंदे(अनुपम मिश्र)(post mid term tests)

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7. नवंबर काव्य-पाठ-8"हे भूख! मत मचल" हे मेरे जूही के फूल जैसे ईश्वर'(अक्क महादेवी)हिंदी व्याकरण-  
6.स्ववृत्त लेखन और रोजगार संबंधी आवेदन-पत्र(post mid term tests)

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8. दिसंबर गद्य~पाठ-8 जामुन का पेड़ (कृश्नचंद्र)काव्य पाठ-9 सबसे खतरनाक (अवतार सिंह पाशा)हिंदी  
व्याकरण-.शब्दकोश,संदर्भ ग्रंथो की उपयोगी विधिऔर परिचय

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9. जनवरी गद्य~पाठ-9 भारत- माता (जवाहरलाल नेहरू)काव्य पाठ-10 आओ मिलकर बचाएँ (निर्मला पुतुल)

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10. फरवरी (revision & annual examination)