

April-may

Hornbill

1)the portrait of a lady

Writing skills

- 1) notice-writing
- 2) article writing

- (i) For the newspaper
- (ii) For the school magazine

July

Hornbill

- 1) we are not afraid to die....
- 2) discovering tut

Poem

- 1) A photograph
Snapshot

1) The summer of the beautiful white horse

Cycle test syllabus (25 marks)

Hornbill

1) The Portrait of a Lady

Writing skills : Notice

Grammar : Editing /Omission,Jumbled sentences,
Dialogue completion and correct form of verbs.

August

Hornbill

Landscape of the soul

Poem: the laburnum top

Snapshot

- 2) The address
- 3) Ranga's marriage
- 4) Albert Einstein at school...

WRITING SKILL

- 1) Factual description
- 2) Letter writing

(i) to the principal

- (ii) to the editor
- (iii) letter of complaint

• **September**

Hornbill

- 1) The ailing planet

Poem

- 1) The voice of rain

Writing skill

- 1) Job application

HALF YEARLY SYLLABUS (90 MARKS)

HORNBILL

- 1) the portrait of a lady
- 2) we are not afraid to die
- 3) Discovering tut
- 4) Ailing planet

POEM

- 1) A photograph
- 2) The laburnum top
- 3) The voice of rain

SNAPSHOTS

- 1) The summer of the beautiful white horse
- 2) The address
- 3) Ranga's marriage
- 4) Albert einstien at skul
- 5) Mother's day

Writing Skill

notice , Article writing, factual description

letter writing:

- 1) to the principal
- 2) to the editor
- 3) letter of complaint

GRAMMER

Editing, omission, jumbled word, Dialogue completion, correct form of Verbs

OCTOBER

HORNBILL

- 1) The browning version

SNAPSHOTS

- 1) Birth

WRITING SKILLS

- 1) note making

NOVEMBER

HORNBILL

- 1) The adventure

POEM

- 1) Childhood

SNAPSHOT

- 1) The ghat of the only world

WRITING SKILLS

- 1) report writing
- 2) newspaper report
- 3) magazine report

UNIT TEST (25 marks)

HORNBILL

- 1) The browning version
- 2) Adventure
- 3) Childhood

SNAPSHOTS

- 1) Birth
- 2) The ghat of the only world

DECEMBER

HORNBILL

- 1) Silk road

SNAPSHOTS

- 1) The tale of melon city

Poem

- 1) Father to son

WRITING SKILLS

- 1) note making
- 2) report writing

JANUARY

Hornbill
Revision

SNAPSHOT
Revision

WRITING SKILL

Short composition- (i) designing of a poster
(ii) drafting of avtds.

Letter writing- (i) letters of enquiry

FEBRUARY

Revision of the entire syllabus

ANNUAL EXAMINATION SYLLABUS

The complete syllabus including all chapter & poems from hornbill, all chapter from snapshot
The writing skill from july to feb.....!!

CLASS-XI
Subject: MATHEMATICS

April & May	:	Trigonometric Functions
July	:	1. Linear Inequalities 2. Mathematical Induction
August	:	1. Complex numbers and Quadratic equations 2. Permutatiosn & Combinations
September	:	Binomial Theorem
October	:	1. Straight liens 2. Conic sections
November	:	1. Introduction to 3-D geometry 2. Limits & Derivatives 3. Statistics
December	:	1. Sequence and Series 2. Probability
January	:	1. Sets 2. Relations and Functions 3. Mathematical Reasoning

Class XI
Subject : Physics

Month	Topic	Activity / Demonstration
April	Unit-2 (Kinematics) Uniform motion. Elementary concepts of differentiation & Integration for describing motion	
July	Unit -2 (Kinematics) Complete Y Dimensional Analysis + Cycle-Test	GroupWise Demonstration of varied types of projectiles , ballistic only.
August	Unit-3 Laws of motion, friction Unit -4 Work, Energy power	Activates to show different ways of reducing friction with examples
September	Unit -4 elastic and non elastic collision. +Half yearly Exam	Demonstration on elastic collision between two bodies of same mass
October	Unit -6 Gravitation Errors & Significant figures	To list various types of satellite to name such Indian satellites with their purpose
November	Unit -5 Motion of system of particles & rigid body Unit -7 Properties of bulk matter:- Elasticity	Determination of centre of mass of regular and irregular bodies.
December	Unit -10 oscillations & waves	Demonstration of transverse, longitudinal standing waves & beats
January	Unit -7 fluid mechanics & Heat Dimensional Analysis Unit -8 Threnody name's	Demonstration of Pascal's law surface tension, for tin's barometer
February	Unit-9 Behaviors of perfect gas and kinetic theory Unit -1 Measurement of mars, length & time + revision & Final Examination	Measurement of mass by physical balance.

SYLLABUS

CHEMISTRY (CLASS-XI)

Month	Chapters	Activity/Project
Apr-May	Some Basic Concepts of Chemistry	–
July	Structure of Atom Classification of Elements	Construction on periodic table & discussions.
August	Chemical Bonding States of Matter Thermodynamics	Shapes of molecules with help of models.
September	Equilibrium	Making solutions of different salts.
October	Redox Hydrogen	Finding EMF using galvanic cell.
November	S-Block P-Block	–
December	Basic Principles & Techniques – Organic Chemistry Hydrocarbons	–
January	Hydrocarbon Environmental Chemistry	Project based on Pollution & Green Chemistry

COMPUTER SCIENCE

CLASS XI

July-August

1. Introduction to C++ Programming

- i) Data types
- ii) C++ Tokens
- iii) Variables and naming conventions
- iv) Operators in C++

2. Control structures

- (i) If and nested if

September-November

1. Control Structures - continued

- (i) Decision structures
- (ii) looping structures
- (iii) Jump statements(Cbreak and continue)
- (iv) Nested control structures

2. Structured data types-Arrays

- (i) 1-D arrays
- (ii) 2-D arrays
- (iii) Multi- dimensional arrays
- (iv) Lists and Strings

December-January

1. Functions in C++

- (i) Built- in functions
- (ii) User- defined functions
- (iii) Scope and lifetime of variables and functions
- (iv) Functions and arrays

2. Data Representation

- (i) Number systems-Decimal, Binary, octal and hexadecimal
- (ii) Conversion between number systems

Class – XI
Subject : Biology

MONTH	CHAPTERS	ACTIVITY
APRIL	Unit 1	
	Ch-1 Living world	1. Observe one example of all 5 kingdoms & mention their characteristics
	Ch-2 Biological Classification	
MAY	Ch-2 Biological Classification Contd.	1. Collect specimens of Angiosperms and find out the no. of plants that are Dicots and Monocots
JULY	Ch-3 Plant Kingdom	1. Study the various specimens of the Plant Kingdom in the lab
	Ch-4 Animal Kingdom	1. Study the Animal specimens in the lab.
AUGUST	Unit 2	
	Ch-5 Morphology of Flowering Plants	1. Study the families Fabaceae, Solanaceae, Liliaceae through specimens of flowers
	Ch-6 Anatomy of Flowering Plants	1. Section cutting of Roots and Stems
September	Ch-7 Structural Organisation of Animals	
	September - Half Yearly Exams	
	Syllabus: Chapter 1 to Chapter 7	
October	Ch-16 Digestion and Absorption	1. Study action of Salivary Amylase on starch
	Ch-17 Breathing and Exchange of Gases	
	Ch-18 Body Fluids and Circulation	1. Prepare blood slides and study the type of cells
November	Ch-19 Excretory Products and their Elimination	1. Test for Urine (Urea, Sugar etc.)
	Ch-20 Locomotion and Movements	
	Ch-21 Neural Control and Coordination	
	Ch-22 Chemical Coordination & Integration	
December	Ch-9 Biomolecules	
	Ch-10 Cell Cycle	1. Slide preparation of Mitosis
	Ch-11 Transportation in Plants	
January	Ch-12 Mineral Nutrition	1. Make a survey of potted plants in your area and study the deficiencies
	Ch-13 Photosynthesis	
	Ch-14 Respiration	1. Demonstration of rate of Respiration in different seeds
	Ch-15 Plant Growth and Development	
February	REVISION & EXAMS	
	ANNUAL EXAMINATION-FEB 2012	

MARKING SCHEME

EXAM	MARKS AND NO. OF QUESTIONS	TOTAL
CYCLE TEST	1 Mark questions	25
	2 Marks questions	
	3 Marks questions	
Half yearly Exam	1 Mark questions (8)	70
	2 Mark questions (10)	
	3 Mark questions (9)	
	5 Mark questions (3)	
Final Exam	1 Mark questions (8)	70 Marks for theory and 30 for Practicals
	2 Mark questions (10)	
	3 Mark questions (9)	
	5 Mark questions (3)	

Class XI
Subject: Psychology

April

Ch-1: What is Psychology.

May

Ch-1: What is Psychology. (Contd.)

Project

July

Ch-2: Methods of enquiry in Psychology.

Introduction to Experimental Psychology

August

Ch-3: The Bases of Human Behaviour.

Ch-4 Human Development

September

Ch-4: Human Development. (Contd.)

Experiment: Zeigarnik Effect.

October

Ch-5: Sensory Attentional & Perceptual Processes.

Experiment: Role of Organisation in learning

November

Ch-6: Learning.

Ch-7: Human Memory

December

Ch-7: Human Memory (Contd.)

Ch-8: Thinking

January

Ch-9: Motivation and Emotion.

Class-XI
Subject - Physical education (Theory)

Unit-I Concept of physical education

1. Meaning and definition of physical education. Its aim and objectives.
2. Need and importance of physical education.
3. Misconceptions about physical education and its relevance in inter disciplinary context.
4. Philosophies of physical education –idealism, naturalism, pragmatism and humanism.
5. Fundamental concepts of Biomechanics in physical education and sports-Laws of motion, force, friction and projectiles.

Unit-II Career aspects in physical education

1. Physical education as a profession.
2. Profession ethics.
3. Physical education and career options.
4. Avenues for career preparation.
5. self assessment for career choices

Unit-III Health concepts of physical education

1. Role of physical education programme on individual and family
2. Community health programme.
3. Effects of alcohol, tobacco and drugs on sports performances.
4. lifestyle management and sports – Obesity, hypertension and stress.

PART – B

Proper sports care and their importance.

Unit-IV Olympics movement

1. Ancient Olympics (before 1896).
2. Modern Olympics (After 1896).
3. Olympics ideals and objectives.
4. Values to Olympic movement – Friendship solidarity, fair play and free of discrimination
5. Olympic symbols

PART – B

Specific exercises of warm up and conditioning.

Unit-V Sociological aspects of physical education

1. Meaning of sociology.
2. Concept of sports sociology and its importance.
3. Games and sports as man's Cultural heritage.
4. Socialisation in sports at home, school and community
5. Leadership through physical education programme.

PART – B Sports Awards

Unit-VI Measurement in sports

1. Meaning and its importance in physical education and sports.
2. Kraus-weber test (contents and administration)
3. Calculation of BMI.
4. Calculation of waist-hip ratio.
5. Rock point one mile test
6. AAPHER PHYSICAL FITNESS TEST (contents and administration)
7. Measurement of heart rate (resting and after exercise)

PART - B

Common sports injuries and its prevention

Unit-VII Physiological aspects of physical education

1. Warming up – general and specific and physiological basis.
2. Function and effects of exercise on muscles and skeleton system.
3. Function and effects of respiratory and circulatory systems.
4. Factors affecting the physical fitness components.

PART - B

CBSE sports and its organizational setup

Unit-VIII Changing trends in physical education and sports

1. Concept and principles of integrated physical education.
2. Concept and principles of adapted physical education.
3. Concept and components of occupational health hazards.
4. Concept and components of health related fitness.
5. Sports for all

Class - XI
Subject - Accountancy

July

- Chapter-1 Introduction to Accounting
- Chapter-2 Basic Accounting Terms
- Chapter-3 Theory base of Accounting, Accounting Standards and IFRS
- Chapter-5 Accounting Equation

August

- Chapter-7 Accounting Procedure – Rules of Debit and Credit
- Chapter-8 Journal and Ledger

September

- Chapter- 5 Business Transactions – Vouchers
- Chapter- 9 Trade Discount and Cash Discount
- Chapter- 10 Special Purpose Books I – Cash Book
- Chapter- 11 Special Purpose Books II – Other Books

October

- Chapter- 12 Bank Reconciliation Statement

November

- Chapter- 13 Trial Balance
- Chapter- 14 Rectification of Errors
- Chapter- 15 Depreciation
- Chapter- 16 Provisions and Reserves

December

- Chapter- 17 Bills of Exchange
- Chapter- 18 Financial Statements (Final Accounts)

January

- Chapter- 19 Financial Statements (Final Accounts) – With Adjustments
- Chapter- 20 Accounts from Incomplete Record – Single Entry System

Class - XI
Subject – Economics

JULY

Unit 1: introduction

What is economics?

Meaning, scope and importance of statistics in economics

AUGUST

Unit2: collection, organization and presentation

Collection of data

Organisation of data

SEPTEMBER

Presentation of data: tabular and diagrammatic

OCTOBER

UNIT3: STATISTICAL TOOLS AND INTERPRETATION

Measures of central tendency

NOVEMBER

Measures of dispersion

DECEMBER

Correlation

INTRODUCTION TO INDEX NO

JANUARY

UNIT4: DEVELOPING PROJECTS IN ECONOMICS

PART B: INDIAN ECONOMICS DEVELOPMENT

MAY

UNIT 5: DEVELOPMENT POLICIES AND EXPERIENCE (1947-90)

A brief introduction of the state of Indian economy on the eve of independence

JULY

Common goals of five year plan

Main features problem and policies of agriculture

AUGUST

Need and main features- liberalization, globalization and privatization

SEPTEMBER

POVERTY

Rural development

OCTOBER

Human capital formation

Role of human capital formation

NOVEMBER

Employment

Inflation: problem and policies

infrastructure

DECEMBER

Sustainable economic development

Unit 8: DEVELOPMENT EXPERIENCE OF INDIA

JANUARY

A comparison with neighbours

India and Pakistan

India and china

Issues: growth, population, sectoral development and other development indicators

CLASS - XI
Subject: INFORMATICS PRACTICES

April-May

1. DBMS: SQL

- i) Introduction
- ii) SQL Statements
- iii) DDL & DML

The Select statement and all SQL commands

July-August

1. Introduction to Programming: JAVA NETBEANS

- i) Data types and variables
- ii) Operators in JAVA
- iii) JAVA Controls- toolbox
- iv) Controls programming

September

Introduction to Computer systems.

Revision for Half yearly

October-November

2. Control Structures in Java

- i) The Ifthen....else structure and nesting
- ii) The Select....case
- iii) Do loop
- iv) For loop
- v) While loop

January-February

3. Functions in MySql

4. IT Applications

- i. e-Governance
- ii. e-Business
- iii. e-Learning

Revision of entire syllabus

Class - XI
Subject : HOME SCIENCE

UNIT 1 (April to May)

- *concept of home science*
- *know myself*
- *problems of adolescents*

ACTIVITY

Discuss strength & weakness of your own & find it from your siblings, from your classmates. Write a report on it.

UNIT 2 MY RESOURCES (JULY TO AUGUST)

- *interaction of family ,peers and needs of adolescents*
- *resources*
- *management*
- *time and energy management*
- *work ethics*

ACTIVITY

Suggest a work plan for yourself for a day and state where and why you will take help from others

UNIT 3 (August to September)

- *nutrition for self and family*
- *relationship between food nutrition and health*
- *function of food*
- *proper selection ,storage and preparation*
-

ACTIVITY

Observe how different food stuffs are stored at home and evaluate effectiveness of the method

Unit 4 (October to November)

Continuation of unit 3
My apparel

- *fibre signs*
- *fabric construction*

UNIT 5(December to January)

ACTIVITY

Collect samples of fabric and study characteristics for identification.
Collect samples of weaves and identify it.

SYLLABUS

POLITICAL SCIENCE (CLASS-XI)

Month	Topics
Apr-May	Book-1: <ul style="list-style-type: none">• Constitution Why & How.• Fundamental Rights.
July	Book-2: <ul style="list-style-type: none">• L-1: Introduction to Political Theory.• L-2: Freedom.
August	Book-1: <ul style="list-style-type: none">• L-3: Election and Representaton.• L-3: Continued.
September	Book-2: <ul style="list-style-type: none">• L-3: Equality Book-1: <ul style="list-style-type: none">• L-4: Executive
October	Book-1: <ul style="list-style-type: none">• L-5: Legislature• L-6: Judiciary
November	Book-2: <ul style="list-style-type: none">• L-4: Social Justice• L-5: Rights Book-1: <ul style="list-style-type: none">• L-7: Federalism
December	Book-1: <ul style="list-style-type: none">• L-8: Local Governments Book-2: <ul style="list-style-type: none">• Citizenship• Nationalism
January	Book-1: <ul style="list-style-type: none">• Constitution as a Living Document.• The Philosphy of Constitution. Book-2: <ul style="list-style-type: none">• L-7: Nationalism• L-8: Secularism
February	Book-2: <ul style="list-style-type: none">• L-9: Peace• L-10: Development

SYLLABUS
INSTRUMENTAL MUSIC (CLASS-XI)

अप्रैल

क्रिया - वाद्य के विषय में जानकारी देना, स्वरों को सिखाना, अलंकार सिखाना

मई

तालें तिलवाड़ा, तीबताल परिचय, ठेका व दुगुन हाथ से ताली देकर सिखाना

शास्त्र - तानसेन की जीवनी

क्रिया - स्वरों को बजाने का अभ्यास

जुलाई

क्रिया - राग भीमपलासी की गत

शास्त्र - वर्ण, क्रंतन, जमजमा, अलंकार परिभाषा

अगस्त

क्रिया - राग भीमपलासी ताने

शास्त्र - रागों का समय के विषय में पूर्ण जानकारी तथा तिलवाड़ा व तीबताल को दुगुन सहित लिखना

सितम्बर

क्रिया - राग भीमपलासी का झाला, तानें

शास्त्र - राग वर्गीकरण

अक्टूबर

क्रिया - राग विहाग धुरु करना

शास्त्र

परिभाषा - नाद, श्रुति, स्वर गत

तालें - तीबताल, धमार

नवम्बर

क्रिया - राग विहाग गत व भीमपलासी को दोहराना

शास्त्र - अनिवद्ध एवं निवद्धगान

दिसम्बर

क्रिया - राग विहाग ताने व झाला

शास्त्र - पंडित विष्णु दिगम्बर पलुस्कर जीवनी

जनवरी

राग का समय, राग वर्गीकरण, ताबसेन, विष्णु नारायण भातखण्डे की पूरी जानकारी

फरवरी

पूरा रिबीजन

SYLLABUS
HINDI (CLASS-XI)

अप्रैल-मई

- अपठित गद्यांश
- क) गद्यांश पर आधारित बोध, प्रयोग, रचनांतरण, शीर्षक आदि पर लघूत्तरात्मक प्रश्न
- ख) काव्यांश पर आधारित लघूत्तरात्मक प्रश्न

जून - त्रिभुक्तिकालीन अवकाश कार्य

- प्रेमचन्द की कहानियों को पढ़कर किसी एक कहानी को अपने शब्दों में अभिव्यक्त करें।
- हिन्दी अध्यापिका के पद के लिए आवेदन पत्र लिखें।

जुलाई

अंतरा भाग-1: गद्य भाग

- पाठ-1 प्रेमचन्द - ईदगाह
- पाठ-2 दोपहर का भोजन

पद्य भाग

- कबीर - अरे इन दोहूज राह न पाई
बालम, आवी हमारे गेह रे ।

अभिव्यक्ति और माध्यम

- कार्यालयी लेखन और प्रक्रिया
- स्ववृत्त लेखन और रोजगार सम्बंधी आवेदन पत्र

अगस्त

अंतरा भाग-1 गद्य भाग

- पाठ-3 टार्थ बेचनेवाले
- पाठ-4 गूँजे

पद्य भाग

- सूरदास - खेलन में को काको गुसैयाँ
- मुरली तऊ गुपालहिं भावति
- पाठ-1 बादल को धिरते देखा है
- पाठ-2 हस्तक्षेप

अभिव्यक्ति और माध्यम

- जन संचार माध्यम

सितम्बर

अंतरा - गद्य भाग

- पाठ-6 खानाबदोश
- पाठ-7 उसकी माँ

पद्य भाग

- घर में वापसी
- नींद उघट जाती है

अभिव्यक्ति और माध्यम

- छाया लेखन

संकलनात्मक मूल्यांकन (SA-1)

अक्तूबर

अंतरा - गद्य भाग

- पाठ-8 नए की जन्म कुण्डली
भारत वर्ष की उन्नति कैसे हो सकती है?

पद्य भाग

- देव - हँसी की चोट, सपना, दरबार
- महादेवी वर्मा - जाज तुझको दूर जाना
सब आँखों के आँसू उजले।

नवम्बर

अंतरा - पद्य भाग

- पद्माकर - औरि भौंति कुंजन में गुंजरत
गोकुल के कुल के गली के गोप
भौरज को गुंजन बिहार

अभिव्यक्ति और माध्यम

- कथा - पटकथा

दिसम्बर - अंतराल

- सूरदास की झोपड़ी
- आरोहण
- बिस्फीहर की माटी
- अपना मालवा - खाऊ उजाड़ू सभ्यता।

जनवरी

- पढ़ाए गए पाठों की पुनरावृत्ति

फरवरी

- संकलनात्मक मूल्यांकन (SA-2)