

Syllabus for Class (10 +1)
(Arts Group)

APRIL

English

- I. A factual description of an event or incident e.g. a report or a process based on verbal input provided. (80-100 words)
- II. Composition based on a visual or verbal input (in about 100-150 words). The output may be descriptive or argumentative in nature such as an article for publication in a newspaper or a school magazine, a speech etc.
- III. Different grammatical structures in meaningful contexts will be tested. Item types will include gap-filling, sentence reordering, dialogue completion and sentence transformation. The grammar will include the following areas.
(i) Tenses (ii) Determiners

Please Note : Conversation Skill

1. Listening - 5 Marks
2. Speaking - 5 Marks

Economics

Measure of Central Tendency [Mean (Simple and weighted),
Median, Mode]

Indian Economy on the eve of Independence

Political Science

1. Constitution : Why and How ?
2. Rights in the Indian Constitution
3. Election and Representation
4. Executive

Mathematics

Complex Numbers and Quadratic Equations
Permutation and Combination (without word problem)
Binomial Theorem

Physical Education

(Part A) Unit I & II

Concept of Physical Education & Career Aspects in Phy. Education

(Part B)

Choose one game / sport from foll. subtopics to these disciplines

Badminton, Skating, T.T, Tennis, Yoga, Athletics, Gymnastics,

Judo, Swimming, Taekwando

Topic (a) History of the game / sport of students choice.

Topic (b) Latest general rules of the game.

Topic (c) Measurements of play fields and specification
of sports equipments

(d) Sports Personalities

(e) Proper Sports Gear and its Importance.

Home Science

Unit I - Concept of Home Science

Unit II - Know Myself, Understanding Adolescents, Cognitive
development among adolescents, Social & emotional
development among adolescents, heredity & Environment,
problems of adolescents.

Practicals - To list your own strengths & weaknesses

- To help you understand yourself as an individual

- To study how you deal with difficult situations.

Informatics Practices

Introduction to Computer Systems

Introduction to Data Base management system

Fine Arts - Painting

Theory : Introduction to Art.

Practical : Still life and landscape in pencil shading

Music Vocal (Hindustani)

Theory : Definition of the following : Swaras and Nad

Practical : 7 Alankaras, knowledge of swar, Talas - Dadra and
Kehraavn.

Dance - Kathak

Topic

1. A brief history of Indian dances and Indian traditional
Dance - Drama

2. A history of Kathak dance - with life sketch of Birju
Maharaj, Sitara devi.

Fin Arts - Painting

Theory : Temple Sculptures and South Indian bronzes.

Practical : Composition painting in oil

Music Vocal (Hindustani)

Short Life Sketch of Fayaz Khan and Tyag Raj

Revision of all syllabus

Dance Kathak

Ability to perform following composition in teental

(i) Premelu (ii) Paran (iii) 2 Tora (iv) Kaviti (v) Tihai

Fashion Studies

Unit 1-Variou aspects of Fashion Business-Designing,
Manufacturing and

Retailing, Scenarios. Unit - III - Selection of Fabrics.

Practical : Gathers, pleats and tucks. End term projects. Viva
voce and portfolio.

Hindi Core

Revision

Psychology

Chapter - 9 Motivation and Emotion

Revision

Punjabi

Revision

Computer Education

Revision of program in 'C'

Environmental Education

Revision

FEBRUARY**FINAL EXAMS**

(18/10+1)

Fashion Studies

Unit-I- Understanding Fashion-Defination and overview.

Unit - I Style and Fashion, Trend origin and Defination

Hindi Core

आरोह –

गद्य : प्रेमचन्द: नमक (का दारोगा) कृष्ण सोबती

निबन्ध : सामाजिक समस्याएँ एवम् समासायिक समस्याएँ

Psychology

1. What is psychology ? Chapter - 1

2. Methods of enquiry in Psychology. Chapter - 2

3. One Project

Punjabi

ਕਾਵਿ ਕਮਾਈ - ਬਾਣੀ ਧਾਰਾ

ਆਪ ਬੀਤੀਆਂ - ਐਬਟਾਬਾਦ, ਅਖੰਡ ਪਾਠ ਕਰਵਾਉਣ ਦਾ ਅਪਰਾਧ ।

ਔਧ ਖਿੜਿਆ ਫੁਲ : ਅਧਿਆਇ 1 - 5, ਵਿਸ਼ਾ ਵਸਤੂ

ਵਿਆਕਰਣ : ਅਣਡਿੱਠਾ ਪਹਿਰਾ, ਅਖਬਾਰਾਂ ਨੂੰ ਰਿਪੋਰਟ ਲਿਖਣਾ

ਲੇਖ ਅਤੇ ਭਾਸ਼ਣ

Computer Education

Introduction of Basic Programming Structure of 'C'

Environmental Education

I) Man and Environment.

* Dimensions of Environment

* Human being as a rational and social partner in Environmental
Actions.

* Population and Environment

* Impact of Human Activities on Environment

MAY**English**

I. Writing letters based on given output. Letters type include

(a) business or officials letters for making enquiries,
registering complaints; asking for and giving information;
placing orders and sending replies; (b) letters to the editors
(giving suggestions, opinions on an issue of public interest)
or (c) application for a job.

II. Different grammatical structures in meaning ful contexts will
be tested. Item types will include gap filling, sentence

(3/10+1)

reordering, dialogue-completion and sentence transformation.

The grammar syllabus will include the following areas :

(i) Clauses (ii) Modals (iii) Error Correction (iv) Reordering of sentences

III. Reading passages to test short answer type questions to test local, global and inferential comprehension.

IV. Reading passages to test note-making in an appropriate format and vocabulary..

Economics

* Economics - An Introduction.

* Statistics - Meaning, scope, Importance in Eco.

Political Science

Legislature

Business Studies

3. Private, Public and global enterprises

Mathematics

Mathematical Induction

Physical Education

(PART - A)

Unit III & IV Health concepts of Physical Education,
Olympic Movement

Home Science

Unit III - Preparing for Career
- Population Education

Informatics Practices

Introduction with software concepts

MAY UNIT TEST

Fine Arts - Painting

Theory - Types of colour

Practical : Designs in floral and geometrical form

Music Vocal (Hindustani)

Theory : Shruti, Alankaras

Practical : Rag Yaman Klayan and Revision

(4/10+1)

Environmental Education

Revision

DECEMBER UNIT TEST

JANUARY

English

HORNBILL

1. Silk Road (Revision of the covered Syllabus)

Economics

Development Experience of India

Project work Revision

Political Science

Revision

Mathematics

Relation and Function

Mathematical Reasoning

Revision

Physical Education

Revision

Home Science

Practicals (Unit V)

* To study and make a sample of tie and dye.

* Make a sample with block printing

* To identify fibres by burning test

* Tacking and Hemming

* Different embroidery stitches

Informatics Practices

Working with MY SQL

(17/10+1)

DECEMBER

English

Revision

Economic

Revision

Political Science

Revision

Mathematics

Permutation and Combination (Word Problem)

Physical Education

Revision

Home Science

Revision

Informatics Practices

Revision

Fine Arts - Painting

Theory : Ellora Cave Temples
Practical : Landscape Painting in oil.

Music Vocal (Hindustani)

Theory : Life Sketch of Tansen
Revision of previous Tala and Raga

Dance Kathak

Natan Bhed, its application in dance. brief knowledge of Ang, Upang, Prityang

Fashion Studies

#Collect samples of 5 man-made fibers.
#Collect sample of different kinds of weaves and their representation with the help of paper.
#Seams, plain, French, lapped, flat fell, Hong Kong, eased and top stitched.

Hindi Core

Revision

Punjabi

Revision

Computer Education

Revision

(16/10+1)

Dance Kathak

3. Detailed knowledge of Drishti - Bhed, Shiro-Bhed
4. Stage performace in Teental in following terms
(i) That (ii) Aamad (iii) Fast Aamad (iv) 3 Simple Tora
(v) Paran (vi) Tatkar in Ekgun, Dugun and Chaugun Layakari.

Fashion Studies

Unit-II-Fibers and Yarns

Unit-III - Design-The Concept, Principles and Design.

Hindi Core

पद्य खण्ड – कबीर एवम् मीरा

वित्तान : लता संगेशकर

Psychology

Chapter - 3 The Bases of Human Behaviour

One practical on learning

Punjabi

ਆਪ ਬੀਤੀਆਂ - ਆਪਣੀ ਸੋਚ ਦੇ ਗਹਿਰੇ ਸਾਏ ।

ਵਿਆਕਰਨ - ਲੇਖ ਅਤੇ ਭਾਸ਼ਣ

Computer Education

Revision

Enviornmental Education

II) Environment and Development

* Economic and Social Needs

* Agriculture and Industry as major sectors of Development.

MAY UNIT TEST

JUNE

SUMMER VACATIONS

JULY

English

HORNBILL

1. The Portrait of a Lady
2. We're Not Afraid to Die
if We Can All Be Together

SNAPSHOTS

1. The Summer of the
Beautiful White Horse
2. The Address.

A Photographer (poem)

(5/10+1)

Economics

- * Common Goals of five year plans
- * Features problems and policies of agriculture.
- * Collection of Data
- * Census and sample Methods.

Political Science

- * Judiciary
- * Federalism
- * Local Government

Mathematics

Sequence and Series
Trigonometry

Physical Education

(Part A)

Unit - 5 : Sociological aspects of Physical Education

(Part B)

Unit - II

- 1.1 Fundamental Skills of game / sports
- 1.2 Specific Exercises of warm-up and conditioning
- 1.3 Related Sports Terminologies

Home Science

Unit III

- Nutrition for self and family
- Role of nutrients - Carbohydrates, proteins, fats, vitamins & minerals
- Food groups and balanced diet.
- Selection and storage of food.

Informatics Practices

Introduction to programming using Java IDE
Programming fundamentals variables.

(6/10+1)

Fin Arts - Painting

Theory : Ajanta painting and sculpture
Practical : Composition in any medium.

Music Vocal (Hindustani)

Theory : Definition of the Shruti, Brief History of Drupad,
Revision of Previous syllabus.
Practical : One Drut Khayal in Malkawns

Dance Kathak

- * What is Abhinaya ? How many types of Abhinaya.
- * Ability to perform following in Teen Tal
(i) Tihayee (ii) Gatnikas (iii) Vandana (iv) Lari/Laya Bant

Fashion Studies

Unit-1 - Product cycle and linkage between yarn, Fabric and Garments.

Unit II - Performance Finishes.

Unit IV- Common machine problems, Operating Power machines.

Hindi Core

आरोह

गद्य खण्ड : जवाहर लाल नेहरू (भारत माता)

सैयद हैदर रजा (आत्मा का ताप)

पद्यभाग : निर्मला पुरतुल

विज्ञापन तथा समाचार लेखन ।

Psychology

Chapter - 8 Thinking

One practical on memory

Punjabi

ਆਪ ਬੀਤੀਆਂ : ਮੇਰਾ ਸੋਲ੍ਹਵਾਂ ਵਰਾ, ਲੋੜੀਂਦਾ ਗੁੜ, ਬਾਪੂ ਜੀ ਦਾ ਇਕ ਹੋਰ ਵਿਆਹ ।

ਵਿਆਕਰਣ : ਛੰਦ - ਚੌਪਈ, ਦੋਹਰਾ, ਕੋਰੜਾ, ਕਬਿਤੋਂ, ਸਵੈਵੱ, ਸਿਰ ਖੰਡੀ, ਬੈਤ

ਅੱਧ ਖਿੜਿਆ ਫੁਲ : 26 ਤੋਂ ਅੰਤ ਤੱਕ ।

Computer Education

(a) Basic Introduction of Arrays

(b) Entering of data and deletion in arrays

Environmental Education

IV) Energy

- * Non-Conventional Energy sources.
- * Conservation of Energy Sources.
- * Planning and Management of Energy.
- * Enhancing Efficiency of Devices and Optimising.
- * Energy Utilisation

(15/10+1)

NOVEMBER

English

HORNBILL

1. The Adventure
2. Father to Son (Poem)

SNAPSHOTS

1. Birth
2. The Tale of Melon City

Economics

- * Rural Development
- * Index Number
- * Human Capital Formation
- * Employment Problem
- * Sustainable Development

Political Science

Constitution as a Living Document
Philosophy of Constitution

Mathematics

Sets
Probability

Physical Education

(Part-A) Unit - 8 Changing Trends in Physical Education & Sports

Home Science

Unit V - Yarn making and fabric construction - Fibre finishes
Practical :- Flower decoration, Flower arrangement
To clean and polish brass, iron, aluminium and plastic article.

Informatics Practices

IT Applications

Fine Arts - Painting

Theory : Art of Indus Valley Sculpture, Terracotta, Seals,
Decoration on earthen pots
Practical : Still life & geometrical forms in cubes, cones, spheres in any media.

Music Vocal (Hindustani)

Theory : Definition of the Thata, Short life sketch of Pt. Bhath Khanda
Practical : Teental

Dance (Kathak)

Unit II :

1. What is Mudra. Write in detail Asanyukta and Sanyukta Hast Mudras along with their uses.
2. Ability to write in notation the prescribed Tora and Tukras, Parans etc. in the Ist Unit.

Fashion Studies

Unit - IV Elements of Garment making, Hand Stiches
Practicals : 1. Collect five samples of natural fibres
2. Exercises using elements of Art like line, form, texture etc. following Principles of design.
3. Exercises on colour wheel, value chart, intensity chart and colour wheel.
4. Hand stitching-basting, running, stitch, hemming, back stitch and its variations.

Hindi Core

आरोह
गद्य खण्ड – सत्यजीत राय (अप्पू के साथ ढाई साल)
पद्य खण्ड – रामनरेश त्रिपाठी

Psychology

Ch - 4 Human Development

Punjabi

ਕਾਵਿ ਕਮਾਈ : ਸੁਫੀ ਧਾਰਾ ।
ਆਪ ਬੀਤੀਆਂ : ਮਿਡਲ ਦੀ ਪੜ੍ਹਾਈ, ਯੂੜ ਭਰੇ ਰਾਹ ।
ਔਧ ਖਿੜਿਆ ਫੁਲ : 6 - 10 ਅਧਿਆਇ ।
ਵਿਆਕਰਣ : ਸ਼ਬਦ ਰਚਨਾ-ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ, ਵਿਪਰੀਤ ਆਰਥਕ ਸ਼ਬਦ, ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਲਈ ਇਕ ਸ਼ਬਦ ।

Computer Education

Constant, Variable and data type

Environmental Education

Environment and Development

- * Social Factors affecting development
- * Impact of Development on Environment

AUGUST**English****HORNBILL**

1. Discovering Tut : the Saga Continues
2. Landscape of the Soul
3. The Laburnum Top (poem)

SNAPSHOTS

1. Ranga's Marriage
2. Albert Einstein at school

Economics

- * Measures of Dispersion
- * Features, Problems and policies of industries
- * Diagrammatic Presentation
- * Frequency diagrams, Arithmetic Line graphs
- * Foreign Trade
- * Economic Reforms since 1991

Political Science

Rights
Citizenship
Nationalism
Secularism

Mathematics

Limits and Derivative Statistics

(8/10+1)

Fine Arts - Painting

Theory : Gandhara School and Sculpture

Practical : Still life painting and landscapes in different techniques.

Music Vocal (Hindustani)

Theory : Definition of the Anibandh & Nibandh Gayan

Brief History of Khayal

Practical : One drut khayal in Kafi, Junpuri & Tal Chutal.

Dance Kathak

* Acquaintance with the contents of Abhinaya Darpan in Detail.

* Give a brief description of Tandav and Lasya

Fashion Studies

Unit II - Fabric Construction, Routine Fabric finishes

Unit III - Tools and Techniques

Unit IV - Needle and Threads

Hindi (Core)

आरोह

गद्य खण्ड : कृष्णनाथ (स्पीति में बारिश)

मन्नू भंडारी (रजनी)

कृष्णचन्द्र (जामुन का पेड़)

पद्य खण्ड : त्रिलोचन, दुष्यंत कुमार, अक्क महादेवी

आलेख लेखन एवम् संपादकीय एवम् उससे सम्बन्धित प्रश्न

Psychology

Chapter - 7 Human Memory

One Practical on perception

e-Learning Material

Punjabi

ਕਾਵਿ-ਕਮਾਈ - ਕਿੱਸਾ ਧਾਰਾ ।

ਅਪ ਬੀਤੀਆਂ - ਅੰਤ ਨੂੰ ਮੈਂ ਪੜ ਹੀ ਗਿਆ, ਤਖਤ ਜਾਂ ਤਖਤਾ, ਲੜਕਪਨ,
ਜੁਆਨ-ਜਹਾਨ ।

ਵਿਆਕਰਣ : ਵਚਨ, ਮਾਤਰਾ, ਲਘੁ, ਗੁਰੂ, ਘੜੀ, ਗੜੀ, ਤੁਕਾਂਗ, ਤੁਕਾਂਤ

Computer Education

(a) Managing input and output operations

(b) Decision making and branching

Environmental Education

IV) Energy

* Changing global patterns of energy Consumption.

* Energy Consumption as a measure of quality life.

* Rising demand for Energy.

* Conventional Energy Sources.

(13/10+1)

OCTOBER

English

HORNBILL

1. The Ailing Planet :
the Green Movement's Role
2. The Browning Version
3. Childhood (poem)

SNAPSHOTS

1. Mother's Day
2. The Ghat of the only
only World

Economics

- * Organisation of Data
- * Tabulation
- * Correlation
- * Poverty
- * Infrastructure

Political Science

Peace
Development

Mathematics

Co-ordinate Geometry
Three - Dimensional Geometry

Physical Education

- Part A - Unit 5 - Physiological Aspects of physical education
Part B Unit - 2 2.4 Sports Awards
2.5 Common Sports injuries and its prevention
2.6 CBSE Sports and its organizational set-up.

Home Science

Unit IV - Work Ethics
Unit V - My apparel - An introduction to fibre science
Practical :
Preservation of food at home - jam, Squash, Pickles and Chutney

Informatics Practices

Select Statements and Functions in MY SQL

Physical Education

Part - A

Unit - 6 - Measurements in Sports

Part - B

Unit - II Practical - Preparation of Physical fitness Test

- Skill of the game.
- Physical Education Practical Notebook
- Project Work

Home Science

Unit - III - Principles and reasons of cooking food.

- Food Preservation

Practical :

To study various methods of cooking food like boiling, steaming, pressure cooking, deep frying, shallow frying, parboiling, sauteing, roasting, grilling, germination, fermentation and combination

Informatics Practices

Programming guidelines, Control Structures

Fine Art - Painting

Theory : Sculptures of Indus Valley Civilization

Practical : Still life drawing in natural forms like vegetables, fruits, flowers in any medium.

Music Vocal (Hindustani)

Theory : Definition of raga

Life sketch of Pt. Vishnu Digambar Pulskar

Practical : One drut Khayal in Raga

Allahiya Bilawal and Tekas of Ektala

Dance - Kathak

3. Define the following :

- (i) Amad (ii) That (iii) Statuti (iv) Laya (v) Tatkar (vi) Paran
(vii) Premelu (viii) Nritya (ix) Taal (x) Salami.

4. Ability to perform following in Teen Tal

- (i) Natwari Tora (ii) Chakardar Tora (iii) Tora in Swai haya (iv) Karvit

Fashion Studies

Understanding linkage and difference between design, art and craft.

Hindi Core

आरोह
 गद्य खण्ड – बालमुकुंद गुप्त (विदाई संभाषण), शेखर जोशी (गलता लोहा)
 पद्य खण्ड – सुमित्रानंदन पंत, भवानी प्रसाद
 वितान – राजस्थान की रजत बूंदे ।
 पत्र – शिकयती पत्र ।

Psychology

Chapter - 5 Sensory, Attentional and perceptual process
 Chapter - 6 Learning

Punjabi

ਕਾਵਿ ਕਮਾਈ : ਵਾਰ ਧਾਰਾ
 ਆਪ ਬੀੜੀਆਂ : ਮਨੁੱਖ ਨਾਲ ਮਨੁੱਖ ਦਾ ਮੇਲ ਜਿੰਦਗੀ ਦੀ ਮਹਾਨ ਘਟਨਾ,
 ਮੇਰੀ ਜੇਲ੍ਹ ਯਾਤਰਾ, ਮੇਰਾ ਨਿੱਕਾ ਜਿਹਾ ਘਰ
 ਅੱਧ ਖਿੜਿਆ ਫੁੱਲ - ਅਧਿਆਇ 11 - 20
 ਵਿਆਕਰਣ : ਵਾਕ ਵਟਾਂਦਰਾ-ਪ੍ਰਸ਼ਨ ਵਾਚਕ, ਨਾਂਗ-ਵਾਚਕ ਅਤੇ ਵਿਸਮਿਕ ।
 ਅਨੁਪ੍ਰਾਸ, ਰੂਪਕ, ਦ੍ਰਿਸ਼ਟਾਂਤ, ਅਤਿਕਥਨੀ, ਉਪਮਾ

Computer Education

Operators and Expression

Environmental Education

II) Environment and Development
 * Impact of Liberalisation and Globalisation.
 * Role of Society in Development on Environment.
 III) Environmental Pollution and Global Issues
 * Air, Water, Soil Pollution
 Noise and Radiation Pollution.
 Solid, Liquid and Gaseous Pollution
 Handling of Hazardous, Materials and Processes

SEPTEMBER**English**

HORNBILL
 (i) The voice of the Rain (Poem)

Economics

Revision

Political Science

Revision

Mathematics

Linear Inequalities

Physical Education

Revision

Home Science

Unit - 4 - My resources
 - Organisation of space and work at home

Informatics Practices

Problem solving Methodology and Techniques
 Half Yearly Examination

Fine Arts - Painting

Revision

Music Vocal (Hindustani)

Revision pf Previous syllabus

Dance kathak

Revision

Fashion Studies

Understanding the role of Fashion Merchandisers and co-ordinators

Hindi Core

Revision

Psychology

Revision

Punjabi

Revision

Computer Education

Revision

Environmental Education

III) Environmental Pollution and Global Issues
 * Ozone Layer Depletion and its Effect.
 * Green House Effect.
 * Pollution House Effect.
 * Disasters
 * Strategies for reducing pollution.

HALF YEARLY EXAMINATION

(10/10+1)

(11/10+1)