

**S.H.I.P.S.**  
**A Premier Institution**  
**Course of Study for Grade X, 2023-24**

**ENGLISH**

**APRIL**

**Reading:** Comprehension passage  
**Writing:** Letter Writing, Analytical Paragraph  
**Grammar :** Determiners, Tenses, Subject verb agreement  
**Literature: -** Letter to God, Nelson Mandela, Dust of Snow, Fire and Ice, A Tiger in the Zoo,  
**ASL** Introduction of self

**MAY**

**Reading:** Comprehension passage  
**Writing:** Letter Writing, Analytical Paragraph  
**Grammar :** Sentence Re Ordering Gap Filling  
**Literature: -** How to tell wild Animals, The Ball Poem, A Triumph of Surgery  
**ASL** My Family, My Best Friend

**JULY**

**Reading:** Comprehension passage  
**Writing:** Letter Writing, Analytical Paragraph  
**Grammar :** Relatives, Non Finites, Infinites & Participles  
**Literature: -** Amanda, Animals, The Thief's Story, A Question of Trust  
**ASL** Listening and Speaking

**AUGUST**

**Reading:** Comprehension passage  
**Writing:** Letter Writing, Analytical Paragraph  
**Grammar :** Editing Dialogues, Passive Voice, Connectors, Modals  
**Literature: -** The Midnight Visitor, Footprints without Prints, The Trees, Fog  
**ASL** Listening and Speaking

**SEPTEMBER**

TERM-1 (Revisions)

**OCTOBER**

**Reading:** Comprehension passage  
**Writing:** Letter Writing, Analytical Paragraph  
**Grammar :** Reported Speech, Preposition  
**Literature: -** The Tale of Custard the Dragon, For Anne Gregory, Footprints without feet, From the Diary  
of Anne Frank  
**ASL** Narrating a short story

**NOVEMBER**

**Reading:** Comprehension passage  
**Writing:** Letter Writing, Analytical Paragraph  
**Grammar :** Revision  
**Literature: -** Glimpses of India, Mijbil the Otter, Madam Rides the bus, The Sermon at Benaras, The  
Proposal  
**ASL** Situational Questions

## DECEMBER

<b>Reading:</b>	Comprehension passage
<b>Writing:</b>	Letter Writing, Analytical Paragraph
<b>Grammar :</b>	Revision
<b>Literature: -</b>	The Making of a Scientist, The Necklace, Bholi, The Book that saved the Earth
<b>ASL</b>	Situational Questions

## PUNJABI

### ਅਪ੍ਰੈਲ

ਪੜਨ ਕੋਸ਼ਲ: - ਅਣਡਿੱਠਾ ਪੈਰਾ ।

ਲਿਖਣ ਕੋਸ਼ਲ :- ਅਰਜੀ, ਲੇਖ।

ਵਿਆਕਰਨ :- ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਬਹੁਅਰਥਕ ਸ਼ਬਦ, ਮੁਹਾਵਰੇ(ਕ )

ਪਾਠ ਪੁਸਤਕ :- ਸੇ ਕਿਉ ਮੰਦਾ ਆਖੀਐ, ਘਰ ਦਾ ਪਿਆਰ (ਵਾਰਤਕ)।

### ਮਈ

ਪੜਨ ਕੋਸ਼ਲ :- ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ

ਲਿਖਣ ਕੋਸ਼ਲ :- ਅਰਜੀ, ਪੱਤਰ

ਵਿਆਕਰਨ :- ਮੁਹਾਵਰੇ (ਖ), ਅਗੇਤਰ

ਪਾਠ ਪੁਸਤਕਾਂ :- ਕਿਰਪਾ ਕਰਕੇ ਬਖਸ਼ ਲੈਚੁ, ਕੁਲਫੀ (ਕਹਾਣੀ)

### ਜੁਲਾਈ

ਪੜਨ ਕੋਸ਼ਲ :- ਅਣਡਿੱਠਾ ਪੈਰਾ

ਲਿਖਣ ਕੋਸ਼ਲ :- ਲੇਖ, ਪੱਤਰ

ਵਿਆਕਰਨ :- ਪਿਛੇਤਰ ਮੁਹਾਵਰੇ(ਗ-ਘ)

ਪਾਠ ਪੁਸਤਕ :- ਬੋਲੀ (ਵਾਰਤਕ)

ਜਫਰਨਾਮਾ (ਇਕਾਂਗੀ)

### ਅਗਸਤ

ਪੜਨ ਕੋਸ਼ਲ :- ਅਣਡਿੱਠਾ ਪੈਰਾ।

ਲਿਖਣ ਕੋਸ਼ਲ :- ਲੇਖ, ਪੱਤਰ, ਬਿਨੈ ਪੱਤਰ।

ਵਿਆਕਰਨ :- ਮੁਹਾਵਰੇ(ਚ), ਸਮਾਸੀ ਸ਼ਬਦ।

ਪਾਠ-ਪੁਸਤਕ :- ਪ੍ਰਾਰਥਨਾ (ਵਾਰਤਕ) , ਅੰਗ ਸੰਗ (ਕਹਾਣੀ)।

### ਸਤੰਬਰ

Term 1 ਪ੍ਰੀਖਿਆ

**Unit Test-1** : ਸੇ ਕਿਉ ਮੰਦਾ ਆਖੀਐ , ਘਰ ਦਾ ਪਿਆਰ, ਕੁਲਫੀ, ਬਹੁਅਰਥਕ , ਮੁਹਾਵਰੇ, ਪੱਤਰ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ ।

## ਅਕਤੂਬਰ

ਪੜਨ ਕੋਸ਼ਲ :- ਅਣਡਿੱਠਾ ਪੈਰਾ , ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ।

ਲਿਖਣ ਕੋਸ਼ਲ:- ਚਿੱਤਰ ਵਰਨਣ, ਲੇਖ ,ਪੱਤਰ।

ਵਿਆਕਰਨ :-ਮੁਹਾਵਰੇ ( ਛ )

ਪਾਠ ਪੁਸਤਕ :- ਸਤਿਗੁਰ ਨਾਨਕ ਪ੍ਰਗਟਿਆ, ਮੇਰੇ ਵੱਡੇ ਵਡੇਰੇ(ਵਾਰਤਕ)

## ਨਵੰਬਰ

ਪੜਨ ਕੋਸ਼ਲ :-ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ।

ਲਿਖਣ ਕੋਸ਼ਲ :- ਲੇਖ ,ਅਰਜ਼ੀ, ਪੱਤਰ

ਵਿਆਕਰਨ :-ਮੁਹਾਵਰੇ(ਜ,ਝ)

ਪਾਠ-ਪੁਸਤਕ:- ਜੰਗ ਦਾ ਹਾਲ , ਧਰਤੀ ਹੇਠਲਾ ਬਲਦ ( ਕਹਾਣੀ)

## ਦਸੰਬਰ

ਪੜਨ ਕੋਸ਼ਲ:- ਅਣਡਿੱਠਾ ਪੈਰਾ

ਲਿਖਣ ਕੋਸ਼ਲ:- ਦੁਹਰਾਈ

ਵਿਆਕਰਨ:- ਦੁਹਰਾਈ

ਪਾਠ ਪੁਸਤਕ:- ਦੂਜਾ ਵਿਆਹ (ਇਕਾਂਗੀ), ਤੁਰਨ ਦਾ ਹੁਨਰ (ਵਾਰਤਕ)

## ਜਨਵਰੀ

ਦੁਹਰਾਈ।

## ਫਰਵਰੀ

ਦੁਹਰਾਈ

## ਮਾਰਚ

Term 2 ਪ੍ਰੀਖਿਆ।

Unit-Test-2

ਅਣਡਿੱਠਾ ਪੈਰਾ, ਮੁਹਾਵਰੇ , ਅਗੇਤਰ,ਲੇਖ, ਸਮਾਸੀ ਸ਼ਬਦ,

ਸਤਿਗੁਰੂ ਨਾਨਕ ਪ੍ਰਗਟਿਆ, ਮੇਰੇ ਵੱਡੇ ਵਡੇਰੇ, ਧਰਤੀ ਹੇਠਲਾ ਬਲਦ।

## HINDI

## APRIL

स्पर्श पाठ्य पुस्तक

पाठ- बड़े भाई साहब, डायरी का एक पन्ना ,

पद्य - कबीर, मीरा, आत्मत्राण

गद्य-

संचयन पाठ्य पुस्तक

हरिहर काका

व्याकरण

सूचना लेखन, विज्ञापन ,समास ,पत्र लेखन ,

## **MAY**

काव्य- तोप ,पर्वत प्रदेश में पावस

व्याकरण

मुहावरे, पदबंध,अनुच्छेद लेखन , अपठित गद्यांश

## **JUNE**

## **JULY**

पाठ- ततारा-वामीरो कथा , कारतूस

काव्य- कर चले हम फिदा

व्याकरण

,रचना की दृष्टि से वाक्य रूपांतरण

## **AUGUST**

पाठ- अब कहाँ किसी के दुख मे दुखी होने वाले

संचयन पाठ्य पुस्तक

सपनों के से दिन

## **SEPTEMBER**

1st term exam

## **OCTOBER**

स्पर्श पाठ्य पुस्तक

पाठ- पतझड़ की टूटी पत्तियाँ

गद्य - मनुष्यता

व्याकरण

विज्ञापन ,समास ,पत्र लेखन , अपठित गद्यांश

## **NOVEMBER**

स्पर्श पाठ्य पुस्तक

पाठ - तीसरी कसम के शिल्पकार शैलेंद्र

संचयन पाठ्य पुस्तक

पाठ- टोपी शुक्ला

व्याकरण - मुहावरे ,सूचना लेखन ,अनुच्छेद लेखन

## **DECEMBER**

व्याकरण -रचना की दृष्टि से वाक्य रूपांतरण ,लघु कथा, अपठित गद्यांश

## **JANUARY**

Revision

## **MATHEMATICS**

### Term - I

Name of the Unit	Course Content	Month
Number System	Real Numbers (Ch-1)	April
Algebra	Polynomials (Ch-2) Pair of linear equations in two variables (Ch-3)	April May
Coordinate Geometry	Coordinate Geometry (Ch-7)	May
Statistics	Statistics (Ch-14)	May
Geometry	Triangles (Ch-6)	July
Trigonometry	Introduction to Trigonometry (Ch-8) Applications of Trigonometry (Ch-9)	July August

### Term – II

Name of the Unit	Course Content	Month
Algebra	Quadratic Equations (Ch-4) Arithmetic Progression (Ch-5)	October October
Geometry	Circles (Ch-10)	November
Mensuration	Areas Related to Circles (Ch-10) Surface Area and Volume (Ch-13)	November Nov./Dec.
Probability	Probability (Ch-15)	December

# SCIENCE

## APRIL

### Physics

Unit 1: Natural Phenomena

Chapter 1 ( Reflection of Light )

Chapter 2 ( Refraction of Light ) ( Half)

Practical 1:

(find focal length of convex lens & concave mirror by obtaining image of a distant object)

### Chemistry

Chapter 1 ( Chemical Reactions and Equations ) – Half

### Biology

Chapter 1 ( Nutrition in plants and Animals )

## MAY

### Physics

Unit 1: Natural Phenomena

Chapter 2 ( Refraction of light ) ( Remaining half)

Chapter 3 ( Human Eye )

Practical 2: Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, and angle of emergence and interpret the result.

Practical 3: Tracing the path of the rays of light through a glass prism.

### Chemistry

Chapter 1 Chemical Reactions and equations ( Remaining Half )

Chapter 2 ( Acids, Bases and Salts )

Practical 1: Finding the pH of the following samples by using pH paper/universal indicator:

Dilute hydrochloric acid, Dilute NaOH solution, Dilute ethanoic acid solution, Lemon juice, Water, Dilute hydrogen carbonate solution

Practical 2: Performing and observing the following reactions and classify them into:

A. Combination reaction    B. Decomposition reaction

C. Displacement reaction    D. Double displacement reaction

(i) Action of water on quicklime

(ii) Action of heat on ferrous sulphate crystals

(iii) Iron nails kept in copper sulphate solution

(iv) Reaction between sodium sulphate and barium chloride solutions

### Biology

Chapter 1 ( Respiration )

Practical 1: Preparing a temporary mount of a leaf peel to show stomata.

Unit Test 1

## JULY

### Physics

Unit 2: Effect of Current

Chapter 4 ( Electricity ) ( Half )

Activity: Show the function of different Electrical Instruments in lab

Key, Resistance Box, Rheostat, Ammeter, Voltmeter, Galvanometer

### Chemistry

Chapter 3 ( Metals and Non Metals ) ( Half )

Chapter 4 ( Carbon and Its Compound ) ( Half )

## **Biology**

Chapter 1 ( Transportation, Excretion in Plants)

Chapter 2 ( Control and Coordination) ( Half)

Practical 2: Experimentally Show that Carbon dioxide is given out during respiration.

## **AUGUST**

## **Physics**

Unit 2: Effect of Current

Chapter 4 ( Electricity)(Continue)

Practical 4:

Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determining its resistance. Also, plotting a graph between V & I.

## **Chemistry**

Chapter 3 ( Metals and Non Metals) ( Remaining Half)

Practical 3: Study of the following properties of acetic acid (ethanoic acid):

Odour, Solubility in water, Effect on litmus, Reaction with sodium hydrogen carbonate

## **SEPTEMBER**

## **Term 1 Examination**

## **OCTOBER**

## **Physics**

Unit 2: Effect of Current

Chapter 5(Magnetic Effect of Current)

ACTIVITY: Show magnetic field lines by (i) dust some iron filling near the magnet

(ii) arranging small magnetic compasses near magnet

## **Chemistry**

Chapter 4(Carbon and its Compounds) (Half)

Practical 4: Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions:  $\text{ZnSO}_4(\text{aq})$ ,  $\text{FeSO}_4(\text{aq})$ ,  $\text{CuSO}_4(\text{aq})$ ,  $\text{Al}_2(\text{SO}_4)_3(\text{aq})$

Arranging Zn, Fe, Cu and Al (metals) in decreasing order of reactivity based on the above result.

## **Biology**

Chapter 3( How do organism reproduce in Plants and animals)

1. Practical 3: Studying (a) binary fission in Amoeba and (b) budding in yeast and hydra with the help of prepared slides

## **NOVEMBER**

## **Physics**

Revision for Preboard 1

## **Chemistry**

Chapter 4(Carbon and its Compounds) (Remaining Half)

## **Biology**

Chapter 4 ( Heredity)

Practical 4 : Identification of Different parts of an embryo of dicot seed ( pea, gram or red kidney bean )

## DECEMBER

Physics & Chemistry ( Revision)

Biology

Chapter 5 ( Environment)

JANUARY -

Revision for Pre-board 2

February

Pre boards 2

## SOCIAL SCIENCE

Format of Question Paper:-

M.M.: 80

Time:-3 Hrs.

Form of questions	No. of questions	Marks of each question	Total marks
M.C.Qs	20	1	20
Very short answer type questions	4	2	8
short answer type questions	5	3	15
Long answer type questions	4	5	20
Case based questions	3	4	12
Map question (2 marks from history and 3 marks from geography)	1	5	5
			80

UNIT WISE WEIGHTAGE:-

UNIT	MARKS
HISTORY	18+2( map pointing)=20
GEOGRAPHY	17+3 ( map pointing)=20
ECONOMICS	20
POLITICAL SCIENCE	20

1. Syllabus of unit test 1 total marks 50

Rubrics:- M.C.Qs 6x1 =6 marks

Very short answer type questions 4x2=8 marks

Long answer questions =4X5=20 marks

Short answer questions = 4x3=12 marks

Case based Question 1X4= 4 marks



Home Assignment (Notebook evaluation)

(05 MARKS)

Rubrics:-

1. content = 2 marks
2. Index = 0.5 marks
3. No. of pages = 0.5 marks
4. Neatness = 0.5 marks
5. Submission on time = 1.5 marks
2. Project based on consumer awareness or social issues or sustainable development goals (05 marks)

**APRIL**

Development

Power Sharing

The rise of Nationalism in Europe

Resources and development

**MAY**

Federalism

Forest and wildlife

Sectors of Indian Economy

**JUNE**

**UNIT TEST I (Project work to be done) 5 marks**

**JULY**

Money and credit

Nationalism in India

Agriculture

**AUGUST**

Water Resources

Globalisation and the Indian Economy

Gender, religion and caste

**SEPTEMBER**

Political Parties

Outcomes of democracy

**Term 1**

## OCTOBER

Print culture and the modern world

Mineral and energy resources

The making Of a global world

## NOVEMBER

Manufacturing Industries

*Life lines of National economy*

*(Only for map pointing)*

## DECEMBER

PREBOARD 1

## JANUARY

Revision and Preboard 2

## FEBRUARY

Revision

## MARCH

Final Board Exam.

## INFORMATION TECHNOLOGY

### Term 1 Syllabus

## APRIL

Part A: Unit III: Information and Communication Technology Skills

Part B: Unit I: Digital Document (Advanced)

Test -1

## MAY

Part A: Unit II: Green Skills

Part B: Unit: II Electronic Spreadsheet

Test – 2

## JUNE

**UNIT TEST I (Part A: Unit III and Part B: Unit I and II)**

## JULY

Part A: Unit II: Self Management Skills

Part B: Unit III: Web Applications and Security

Test -3

## AUGUST

Part A: Unit IV: Entrepreneurial Skills

Practical (Document and Spreadsheet)

Term I

**SEPTEMBER**

Part B: Unit III Database Management System

**OCTOBER**

Revision for Prelims  
Prelims I/Term I

**NOVEMBER**

Part A: Unit I: Communication Skills

**DECEMBER**

Revision

**JANUARY**

Term II

**FEBRUARY**

