

SACRED HEART SR. SEC. SCHOOL

Bhai Randhir Singh Nagar, Ludhiana

Syllabus for Class-VIII

Session 2026-2027

FOREWORD

Sacred Heart Sr. Sec. School firmly believes in the divine light of knowledge. We strive sincerely to follow the path of "Learn and Enlighten" which is the maxim of our school. We are offering an Informative syllabus for the upcoming academic year-a guide that marks the beginning of a journey filled with learning, wonder, and growth. This document is not just a list of subjects and rules; it is an invitation to explore new ideas, nurture your talents, and discover the joy of knowledge.

Our curriculum has been thoughtfully designed to balance strong academic foundation with opportunities for creative exploration. Like a garden ready to bloom, each lesson is a seed planted with care, destined to help every student flourish in his/her unique way. Our dedicated educators have worked passionately to create an environment where curiosity is celebrated and learning becomes an adventure.

In these pages, you will find a blend of tradition and innovative ideas that aim to inspire both the head and the heart. We hope that this syllabus will guide you, spark your imagination, and remind you that every day brings a chance to grow and learn something new.

Thank you for being a part of this exciting journey. Together, let us welcome the new academic year with enthusiasm and a shared commitment to discover the endless possibilities that education brings.

ENGLISH

Prescribed Books: Collins English Expert Course Book 8

Collins English Grammar and Composition 8

Collins English Expert Language Companion 8

Internal Assessment will be conducted in Term 1 And Term 2 separately

Students are required to read and thoroughly understand the Chapters of Course Book, as any question can be asked from within the chapter.

General Aims and Objectives

- Instil a positive attitude towards learning and using the English Language.
- Enhance comprehension through guided language activities.
- Develop awareness of grammar usage and sentence patterns.
- Encourage expression of ideas with accuracy and originality.

TERM I

APRIL

Course Book Chapter 1 Tales of Historic Delhi

Chapter 2 Entertainment

Chapter 3 The Letter A

Language Companion Unit 1 City Tales

Unit 2 Overcoming Challenges

Grammar and Composition Skills Lesson 1 Nouns

Lesson 2 Pronouns

Lesson 3 Adjectives

Lesson 10 The Present Tense

Reading L-28 The Coral Island

L - 29 Care Amidst Corona

Writing

Formal Letter

Subject Enrichment Activity Speaking Skills

MAY

Course Book Chapter 4 Frosty, the Snowman

Chapter 5 The Shopping List Mystery

Language Companion Unit 3 Art and Culture

Grammar and Composition Skills Lesson 11 The Past Tense

Lesson 12 The Future Tense

Lesson 16 Direct and Indirect Speech

Reading L-30 The Three Photographs

L-31 You Are Old, Father William

Writing Descriptive Paragraph (Person)

Portfolio Activity Culinary Diversity- Food (paired states under Ek Bharat Shreshtha Bharat)

PERIODIC TEST 1

JULY

Course Book Chapter 6 The Portrait of an Artist:

Vincent van Gogh

Chapter 7 The Kitemaker

Language Companion Unit 4 Memories

Grammar and Composition Skills

Lesson 4 Determiners

Lesson 5 Articles

Lesson 6 Verbs

Lesson 7 Agreement of Subject and Verb

Reading L-32 My Experiments With Truth

L-33 Rusty Makes New Friends.

Writing	Article Writing
Multiple Assessment Activity: Open Book Test	
AUGUST	
Course Book	Chapter 8 Value
	Chapter 9 A Matter of Time
Language Companion	Unit -5 Crime and Punishment
Grammar and Composition Skills	Lesson 9 Modals
	Lesson 13 Adverbs
Reading	Revision (General)
Writing	Diary Entry
SEPTEMBER	Revision and Half Yearly
TERM II	
OCTOBER	
Course Book	Chapter 10 Macavity: The Mystery Cat
	Chapter 11 Yashoda's story
	Chapter 12 Trailblazers of Cricket
Language Companion	Unit 6 Gender
Grammar and Composition Skills	Lesson 14 Prepositions
	Lesson 15 Conjunctions
	Lesson 8 Non Finite Verbs
	Lesson 17 Active and Passive Voice
Reading	L- 34 Rikki Tikki Tavi
	L- 35 Kamala
Writing	Dialogue Writing
	Descriptive Paragraph (Place)
Subject Enrichment Activity	Listening Skills
NOVEMBER	

Course Book	Chapter 13 New Beginnings
	Chapter 14 Black Boys Play the Classics
	Chapter 15 The Canterville Ghost
Language Companion	Unit 7 Young Ambitions
Grammar and Composition Skills	
	Lesson 18 Phrases and Clauses
	Lesson 20 Sentences
	Lesson 22 Transformation of Sentences
	(Only Assertive to negative and vice versa)
	Lesson 26 Idioms and Phrasal Verbs
Reading	L 36 The Two Brothers
	L 37 The Sorting Hat Spider
Writing	Informal Letter
PERIODIC TEST 2	
DECEMBER	
	Chapter 16 The Ghost
	Chapter 17 The Stamp Album
Language Companion	Unit - 8 Creatures of the Night
Grammar and Composition Skills	Lesson 24 Punctuation
	Lesson 25 Grammar on the Go
Reading	L-38 I am Sick!
Writing	Story Writing
Portfolio Activity	Art Integrated Activity based on the Poem
	Black Boys Play the Classics
JANUARY	
Course Book	Chapter 18 Friends, Romans and Countrymen

Language Companion Unit 9 Friendship
 Grammar and Composition Skills Lesson 27 Words: A
 Mixed Bag
 Reading L-39 The Merchant of Venice
 Writing Revision of previous topics
 Multiple Assessment Activity Picture of Haunted House
 and write few lines about the house as described in the chapter
 THE CANTERVILLE GHOST
 REVISION TEST
 FEBRUARY AND MARCH Revision and Yearly
 Examination

HINDI

प्रस्तावित पुस्तकें 1. वसंत भाग-3
 2. मधुर हिंदी व्याकरण भाग-8

General Aims And Objectives

- * Instill a positive attitude towards learning and using the Hindi language.
- * Enhance comprehension through guided language activities.
- * Develop awareness of grammar usage and sentence patterns.
- * Encourage expression of ideas with accuracy and originality.

TERM- I

अप्रैल

पाठ लाख की चूड़ियाँ
 कविता दीवानों की हस्ती
 व्याकरण भाषा और व्याकरण, पर्यायवाची (Pg 34)(1-20),
 विलोम (Pg 38) (अंकुश-शोक), वर्ण विचार, अनेक
 शब्दों के लिए एक शब्द (Pg 49) (1-30), लिंग (Pg
 87) (लड़का-चील), निजी पत्र।

Subject Enrichment Activity – श्रवण कौशल

मई

पाठ बस की यात्रा
 व्याकरण संधि (दीर्घ, गुण वृद्धि), (Pg 20), मुहावरे (1-25)(Pg 184),
 समास (तत्पुरुष, द्वंद्व) संज्ञा (भाववाचक संज्ञा),
 कारक, अनुच्छेद।

PERIODIC TEST -I

MULTIPLE ASSESSMENT ART INTEGRATED ACTIVITY

एक भारत श्रेष्ठ भारत

जून ग्रीष्मावकाश

जुलाई

पाठ क्या निराश हुआ जाए

कविता भगवान के डाकिए
व्याकरण शब्द विचार, विशेषण, (pg 112), विशेषण शब्द बनाना, विशेषण की अवस्थाएँ (pg 117), वाक्य के अंग, विज्ञापन, शिकायती पत्र।

PORTFOLIO

अगस्त

कविता यह सबसे कठिन समय नहीं
कबीर की साखियाँ
व्याकरण वाच्य परिवर्तन (pg 174), विराम चिह्न (pg 179), अलंकार (अनुप्रास, श्लेष, यमक), भिन्नार्थक शब्द (1-15), सूचना लेखन, अपठित गद्यांश।

DICTATION TEST

सितंबर

REVISION & TERM I EXAMINATION.

TERM II

अक्टूबर

पाठ जहाँ पहिया है
कविता सुदामा चरित
व्याकरण क्रिया, क्रिया विशेषण, समास (द्विगु, द्वंद्व, कर्मधारय) उपसर्ग (pg 57) (अति-कु), प्रत्यय (pg 63) (वाला-अक), संवाद।

SUBJECT ENRICHMENT ACTIVITY

वाचन कौशल

नवंबर

पाठ अकबरी लोटा
कविता सूर के पद
व्याकरण सर्वनाम (pg 104), काल (pg 132), समुच्चयबोधक

(pg 145), विस्मयादिबोधक (pg 149) वाक्य शुद्धि, ई-मेल, संपादकीय पत्र।

दिसंबर

पाठ पानी की कहानी
व्याकरण रचना के आधार पर वाक्य परिवर्तन, अपठित गद्यांश।
MULTIPLE ASSESSMENT ART INTEGRATED ACTIVITY
FLOWCHART

जनवरी

पाठ बाज और साँप
व्याकरण संधि (pg 21) (यण, अयादि), लोकोक्तियाँ (pg 186) (1-20), अलंकार (उपमा, अतिशयोक्ति, रूपक), अनेकार्थक शब्द (1-15), प्रार्थना पत्र, अनुच्छेद।

PORTFOLIO

DICTATION TEST

REVISION TEST

फरवरी/मार्च

●TERM II EXAMINATION*

NOTE: *DICTATION WILL BE PART OF INTERNAL ASSESSMENT*

INTERNAL ASSESSMENT ACTIVITIES WILL BE CONDUCTED IN TERM -I AND TERM -2 SEPARATELY

PUNJABI

ਨਿਰਧਾਰਿਤ ਪਾਠ-ਪੁਸਤਕਾਂ :-

1. ਰਬਾਬ ਪੰਜਾਬੀ ਪਾਠ-ਪੁਸਤਕ - 8
2. ਰਬਾਬ ਪੰਜਾਬੀ ਵਿਆਕਰਨ ਅਤੇ ਰਚਨਾਵਲੀ - 8

Term-I

ਅਪ੍ਰੈਲ

ਪਾਠ-ਪੁਸਤਕ	1. ਸ਼ੇਖ ਫਰੀਦ ਜੀ (ਸਲੋਕ)
	2. ਪਹਿਲਾ ਸਬਕ
	3. ਸਾਰਾਗੜ੍ਹੀ ਦੀ ਲੜਾਈ (ਲੇਖ)
ਵਿਆਕਰਨ ਪਾਠ	: ਵਾਕ-ਬੋਧ
ਵਿਆਕਰਨ	: ਅਗੇਤਰ (ਉਪ-ਆਤਮ) ; ਅਸ਼ੁੱਧ-ਸ਼ੁੱਧ (ਇਹਨਾਂ-ਮਹਿਮਾਨ) ;
ਅਣਡਿੱਠਾ ਵਾਰਤਕ	ਪੈਰਾ ; ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ
ਲੇਖ	: ਸ਼ਹੀਦ ਕਰਤਾਰ ਸਿੰਘ ਸਰਾਭਾ
ਪੱਤਰ	: ਤੁਹਾਡਾ ਛੋਟਾ ਭਰਾ ਨੂੰ ਪੜ੍ਹਾਈ ਦੇ ਨਾਲ-ਨਾਲ ਖੇਡਾਂ ਵਿੱਚ ਵੀ ਹਿੱਸਾ ਲੈਣ ਲਈ ਇੱਕ ਪੱਤਰ ਲਿਖੋ।

• Subject Enrichment Activity (Listening Skill)

ਮਈ

ਪਾਠ-ਪੁਸਤਕ	: 4. ਧੀਆਂ-ਪੁੱਤਰਾਂ ਵਰਗੇ ਰੁੱਖ (ਕਵਿਤਾ)
	5. ਚਾਚੇ ਚੂਹਾ ਮਾਰਿਆ (ਕਹਾਣੀ)
ਵਿਆਕਰਨ	: ਪਿਛੇਤਰ (ਉ-ਤੀ) ; ਬਹੁ-ਅਰਥਕ ਸ਼ਬਦ (1-15)
	ਮੁਹਾਵਰੇ {ਉ,ਅ - ਅੱਖਰ ਵਾਲੇ (ਅਰਥ ਦੱਸ ਕੇ ਵਾਕ ਬਣਾਓ)} ; ਚਿੱਤਰ ਵਰਨਣ (50 ਸ਼ਬਦਾਂ ਵਿੱਚ)
ਲੇਖ	: ਵਿਦਿਆਰਥੀ ਅਤੇ ਅਨੁਸ਼ਾਸਨ
ਪੱਤਰ	: ਆਪਣੀ ਵੱਡੀ ਭੈਣ ਨੂੰ ਆਪਣੇ ਸਕੂਲ ਵਿੱਚ ਹੋਏ ਭਾਸ਼ਣ ਮੁਕਾਬਲੇ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣ ਲਈ ਇੱਕ ਪੱਤਰ ਲਿਖੋ।

• Multiple Assessment Activity (Ek Bharat Shreshtha Bharat)

Periodic Test – I

ਜੂਨ :- ਗਰਮੀ ਦੀਆਂ ਛੁੱਟੀਆਂ

ਜੁਲਾਈ

ਪਾਠ-ਪੁਸਤਕ	: 6. ਸਾਈਕਲ ਦੀ ਕਹਾਣੀ (ਲੇਖ)
	7. ਕਿੱਥੇ ਮਾਤਾ ਤੋਰਿਆ (ਕਵਿਤਾ)
ਵਿਆਕਰਨ ਪਾਠ	: ਕਿਰਿਆ-ਵਿਸ਼ੇਸ਼ਣ
ਵਿਆਕਰਨ	: ਅਗੇਤਰ (ਸਹਿ-ਚੁ) ; ਅਣਡਿੱਠਾ ਵਾਰਤਕ ਪੈਰਾ ;
	ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ

ਲੇਖ	: ਪੰਜਾਬ
ਪੱਤਰ	: ਆਪਣੇ ਦੋਸਤ/ਸਹੇਲੀ ਨੂੰ ਇੱਕ ਪੱਤਰ ਲਿਖ ਕੇ ਪੁੱਛੋ ਕਿ ਉਸ ਦਾ ਨਵੇਂ ਸਕੂਲ ਵਿੱਚ ਦਿਲ ਲੱਗਾ ਹੈ ਜਾਂ ਨਹੀਂ।

• Portfolio Activity (Open Book Test)

ਅਗਸਤ

ਪਾਠ-ਪੁਸਤਕ	: 8. ਮੁੜਦੇ ਹੋਏ ਕਦਮ (ਕਹਾਣੀ)
	9. ਪੰਜਾਬ ਦੀ ਲੋਕ-ਗਾਇਕਾ : ਸੁਰਿੰਦਰ ਕੌਰ (ਜੀਵਨੀ)
ਵਿਆਕਰਨ	: ਬਹੁ-ਅਰਥਕ ਸ਼ਬਦ (16-30) ; ਚਿੱਤਰ ਵਰਨਣ (50 ਸ਼ਬਦਾਂ ਵਿੱਚ) ਮੁਹਾਵਰੇ {ੲ,ਸ,ਹ - ਅੱਖਰ ਵਾਲੇ (ਅਰਥ ਦੱਸ ਕੇ ਵਾਕ ਬਣਾਓ)} ;
ਲੇਖ	: ਰੱਖੜੀ
ਪੱਤਰ	: ਹਸਪਤਾਲ ਵਿੱਚ ਦਾਖ਼ਲ ਆਪਣੇ ਦੋਸਤ/ਸਹੇਲੀ ਨੂੰ ਹੌਸਲੇ ਭਰਿਆ ਪੱਤਰ ਲਿਖੋ।

ਸਤੰਬਰ ਦੁਹਰਾਈ

• Half Yearly Exams

Term - II

ਅਕਤੂਬਰ

ਪਾਠ-ਪੁਸਤਕ	: 10. ਇੱਕ ਬਿਰਖ ਦੇ ਬੋਲਣ ਦੀ ਕਹਾਣੀ (ਕਾਵਿ-ਕਹਾਣੀ)
	11. ਪਾਣੀ ਤੇ ਕੱਛੂਕੁੰਮੇ ਦਾ ਝਗੜਾ (ਕਹਾਣੀ)
	12. ਦੁਰਘਟਨਾਵਾਂ ਤੋਂ ਬਚਾਓ (ਲੇਖ)
ਵਿਆਕਰਨ ਪਾਠ	: ਸੰਬੰਧਕ ; ਯੋਜਕ
ਵਿਆਕਰਨ	: ਅਗੇਤਰ (ਦੁ-ਨਿਰ) ; ਅਸ਼ੁੱਧ-ਸ਼ੁੱਧ (ਆਤਸ਼ਬਾਜ਼ੀ-ਰਾਸ਼ਟਰੀ) ;
	ਅਣਡਿੱਠਾ ਵਾਰਤਕ ਪੈਰਾ ; ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ
ਲੇਖ	: ਸ੍ਰੀ ਹਰਿਮੰਦਰ ਸਾਹਿਬ
ਪੱਤਰ	: ਬਰਸਾਤ ਦੇ ਮੌਸਮ ਵਿੱਚ ਤੁਹਾਡੇ ਮੁਹੱਲੇ ਅਤੇ ਇਸ ਦੇ ਆਲੇ-ਦੁਆਲੇ ਫੈਲੀ ਗੰਦਗੀ ਕਾਰਨ ਮਲੇਰੀਆ ਅਤੇ ਹੋਰ ਬਿਮਾਰੀਆਂ ਫੈਲਣ ਦਾ ਡਰ ਹੈ। ਨਗਰ-ਪਾਲਕਾ ਦੇ ਪ੍ਰਧਾਨ ਨੂੰ ਇਸ ਦੀ ਰੋਕਥਾਮ ਲਈ ਬਿਨੈ-ਪੱਤਰ ਲਿਖੋ।

• Subject Enrichment Activity (Speaking Skill)

ਨਵੰਬਰ :-

ਪਾਠ-ਪੁਸਤਕ	: 13. ਸਾਵਣ (ਕਵਿਤਾ)
	14. ਚਾਰ-ਚਾਰ ਦਾਣੇ ਝੋਨੇ ਦੇ (ਕਹਾਣੀ)
ਵਿਆਕਰਨ	: ਪਿਛੇਤਰ (ਦਾਨ-ਤੀ) ; ਬਹੁ-ਅਰਥਕ ਸ਼ਬਦ (31-45)
	ਮੁਹਾਵਰੇ {ਕ,ਖ,ਗ,ਘ - ਅੱਖਰ ਵਾਲੇ (ਅਰਥ ਦੱਸ ਕੇ

ਵਾਕ ਬਣਾਓ}} ; ਚਿੱਤਰ ਵਰਨਣ (50 ਸ਼ਬਦਾਂ ਵਿੱਚ)
 ਲੇਖ : ਮੇਰੇ ਜੀਵਨ ਦਾ ਉਦੇਸ਼
 ਪੱਤਰ : ਆਪਣੇ ਮੁਹੱਲੇ ਦੇ ਡਾਕੀਏ ਦੀ ਲਾਪਰਵਾਹੀ ਸੰਬੰਧੀ ਆਪਣੇ
 ਸ਼ਹਿਰ ਦੇ ਮੁੱਖ ਡਾਕ-ਘਰ ਦੇ ਪੋਸਟ ਮਾਸਟਰ ਸਾਹਿਬ ਨੂੰ
 ਪੱਤਰ ਲਿਖੋ।

ਦਸੰਬਰ :-

ਪਾਠ-ਪੁਸਤਕ : 15. ਅੰਮੜੀ ਦਾ ਵਿਹੜਾ (ਕਵਿਤਾ)
 16. ਤਿੰਨ ਸਵਾਲ (ਕਹਾਣੀ)

ਵਿਆਕਰਨ ਪਾਠ : ਵਿਸਮਿਕ

ਵਿਆਕਰਨ : ਅਗੇਤਰ (ਪਰ-ਲਾ) ; ਅਣਡਿੱਠਾ ਵਾਰਤਕ ਪੈਰਾ ; ਅਣਡਿੱਠੀ
 ਕਾਵਿ-ਟੁਕੜੀ

ਲੇਖ : ਮੋਬਾਈਲ ਫੋਨ ਦੇ ਲਾਭ ਅਤੇ ਹਾਨੀਆਂ

ਪੱਤਰ : ਤੁਹਾਡਾ ਸਾਈਕਲ ਚੋਰੀ ਹੋ ਗਿਆ ਹੈ। ਇਸ ਦੀ ਰਿਪੋਰਟ
 ਦਰਜ ਕਰਵਾਉਣ ਸੰਬੰਧੀ ਨੇੜੇ ਦੀ ਪੁਲਿਸ ਚੌਕੀ ਦੇ
 ਇੰਚਾਰਜ ਨੂੰ ਇੱਕ ਪੱਤਰ ਲਿਖੋ।

- Multiple Assessment Activity (Art Integrated)
- Periodic Test – II

ਜਨਵਰੀ

ਪਾਠ-ਪੁਸਤਕ : 17. ਦੁਸ਼ਮਣ (ਇਕਾਂਗੀ)

ਵਿਆਕਰਨ : ਬਹੁ-ਅਰਥਕ ਸ਼ਬਦ (46-60) ; ਚਿੱਤਰ ਵਰਨਣ (50
 ਸ਼ਬਦਾਂ ਵਿੱਚ) ਮੁਹਾਵਰੇ {ਚ,ਛ,ਜ,ਝ - ਅੱਖਰ ਵਾਲੇ
 (ਅਰਥ ਦੱਸ ਕੇ ਵਾਕ ਬਣਾਓ)} ;

ਲੇਖ : ਬਸੰਤ ਰੁੱਤ

ਪੱਤਰ : ਲੁੱਟ-ਖੋਹ ਦੀਆਂ ਵੱਧ ਰਹੀਆਂ ਘਟਨਾਵਾਂ ਦੇ ਹੱਲ ਸੰਬੰਧੀ
 ਐੱਸ. ਐੱਚ. ਓ. ਸਾਹਿਬ ਨੂੰ ਬਿਨੈ-ਪੱਤਰ ਲਿਖੋ।

- Portfolio Activity (Note Book)

ਫਰਵਰੀ :- ਦੁਹਰਾਈ ; Revision Exams

ਮਾਰਚ :- Yearly Exams

* Internal Assessment will be conducted in Term – I and Term – II
 separately

* From Literature Lessons 1 marks Very short questions ; 2 marks short
 questions & 4 marks long questions will come from back exercise and
 general from the lessons also.

* From Poetry & One Act play only 1 marks questions will come from
 back exercise + general.

SCIENCE

Prescribed Book - NCERT : CURIOSITY

General Aim and Objectives

- Foster Curiosity & Interest
- To enhance their scientific attitude
- Connect science to life

“ALL CHAPTERS OF BOOK ARE GENERAL”

TERM I

APRIL: CH-1 Exploring the investigative world of
 science (CHEM)

CH-2 The invisible living world: Beyond our
 naked eye (BIO)

Diagrams – i) Mount of human cheek cells
 ii) Plant cell and Animal cell
 iii) Bread Mould (Fungus)

MAY: CH- 4 Electricity- magnetic and heating effects (PHY)

Diagrams – i) Voltaic cell
 ii) Electromagnet (Self)

CH-7 Particulate nature of matter (CHEM)

Diagram – Schematic pictures of interparticle spacing in three
 states of matter

**SUBJECT ENRICHMENT ACTIVITY I (Working models
 on following topics will be prepared by the students)**

- Effect of number of turns of coil on the strength of an
 electromagnet
- Making of electric cell using various fruits and vegetables.
- Making of an electromagnet
- Heating effect in a wire

**PORTFOLIO: PROJECT BASED UPON EK BHARAT
 SHREHTHA BHARAT WITH TWIN STATE (HHW)**

MULTIPLE ASSESSMENT ACTIVITY I: Worksheet based
 on schematic diagram of: Plant cell and Animal cell

PERIODIC TEST I

JULY CH-3 Health: The ultimate treasure (BIO)
 CH-5 Exploring forces (PHY)

Diagram – An Electroscope

AUGUST: CH-6 Pressure, winds, storms and cyclones (PHY)

Diagram – Lightning conductor (self)

HALF YEARLY EXAMS

TERM II

OCTOBER: CH-8 Nature of matter: elements, compounds and mixtures (CHEM)

CH-12 How nature works in harmony (BIO)

Diagram – Food Chain and Food web

Pond and terrestrial ecosystem (Self)

NOVEMBER: CH-10 Light- mirrors and lenses (PHY)

Diagram – i) Concave and Convex mirror

ii) Laws of reflection of Light

iii) Ray diagram of plane, concave and convex mirror

iv) Ray diagram of thin glass plate, concave and convex lens

MULTIPLE ASSESSMENT ACTIVITY II: Use online tools or animation to do virtual experiments with spherical mirrors/lenses (power point presentation)

CH-9 The amazing world of solutes, solvents and solutions (CHEM)

Diagram – i) Measuring cylinder of 100 ml

ii) Reading of meniscus

SUBJECT ENRICHMENT ACTIVITY II: Worksheet based upon the multiple-choice questions solute, solvent and solution.

DECEMBER: CH-13 our home- Earth, a unique life sustaining planet (BIO)

Diagram - i) Layers of earth

ii) Reproductive parts of flower

iii) Formation of Zygote

PORTFOLIO: Draw a food chain showing feeding relationships of different organisms (grassland, aquatic)

JANUARY: CH-11 Keeping time with the skies (PHY)

Diagram – Different Phases of moon

SOCIAL SCIENCE

Prescribed Books: Exploring Society : India and Beyond (NCERT)

1. To prepare students for active participation in community and global affairs

2. To develop skills in map reading and analyzing social data.

3. To cultivate the ability to analyze social economic and political issues independently

Term-1

April

Geography: Ch 1 Natural resources and their use

History – Ch2 Reshaping India's Political map

Multiple assessment activity :-

(Paste political map of Punjab on A4 Size sheet Label its districts names. On Back side of the same sheet Paste political map of India and mark all states and capitals)

May

Civics : Ch5 Universal franchise and India's electoral system

Economics: Ch-7 Factors of production

May-June Subject Enrichment Activity Ek Bharat Shreshth Bharat

Periodic Test-1

July

History :Ch 3 The Rise of the Marathas

Civics : Ch 6 The Parliamentary system : Legislature and Executive

History: Ch 4 The Colonial Era in India

Maps- Geography – (i) On Political map of India mark all states and capitals. (ii) On Political Map of India mark – Iron ore mines (Bailadila, Mayurbhanj)

Coal mines (Neyveli, Raniganj
Mineral Oil (Mumbai, Bassein)
History- ON POLITICAL MAP OF INDIA MARK-
Important cities of different dynasties- (Junagarh, Delhi,
Madurai, Mumbai, Jaipur, Konark, Pune)

Portfolio Activity : notebook

September

Revision & Term-1 Exams

Term-2

October

Revision and Revision Exams

February / March

Revision and Term-2 Exams

MATHS

PRESCRIBED BOOK: GANITA PRAKASH

TERM -I (PART -1)

APRIL Chapter 1 A Square And A Cube
Chapter 2 Power Play
Chapter 3 A Story Of Numbers
Chapter 4 Quadrilaterals

Multiple Assessment I

Activity: Paste picture of Aryabhata and list the contributions made by him in Mathematics.

MAY Chapter 4 Quadrilaterals (Continued.....)

Lab Activity I

Activity: To verify the algebraic identity geometrically
 $(a+b)^2 = a^2 + 2ab + b^2$

PERIODIC TEST -1

JULY Chapter 5 Number Play
Chapter 6 We Distribute, Yet Things Multiply

AUGUST Chapter 7 Proportional Reasoning -1

Portfolio Activity I

Activity: (Ek Bharat Shreshth Bharat) Comparison of population of two different cities of Punjab and Andhra Pradesh (twin states) in exponential form.

SEPTEMBER REVISION & HALF YEARLY EXAMINATION

TERM – II (PART -2)

OCTOBER Chapter 1 Fractions in Disguise
Chapter 2 The Baudhayana – Pythagoras Theorem

Multiple Assessment II

Activity: Solve the given word problem based on Compound Interest using formula of Simple Interest. (Page -23 figure it out Q-2)

Lab Activity II

Activity: Prove the Pythagoras theorem geometrically.

NOVEMBER Chapter 3 Proportional Reasoning -2

DECEMBER Chapter 4 Exploring Some Geometric Themes

Portfolio Activity II

Activity: Construction of clustered- column graph showing the monthly maximum temperature of Punjab and Andhra Pradesh (twin-states) in 2025.

PERIODIC TEST -2

JANUARY Chapter 5 Tales by Dots and Lines
Chapter 6 Algebra Play
Chapter 7 Area

FEBRUARY REVISION & YEARLY EXAMINATION

COMPUTER SCIENCE

BOOK: Byte Code – An Integrated approach for joyful learning
(Based on Windows 10 & MS Office 2019)

April – May

Theory

Chapter – 1 Networking Concepts

Chapter - 5 More on HTML 5

Practical Practical based on HTML 5

July- September

Theory

Chapter - 6 Links & Frames in HTML 5

Chapter - 3 Emerging Trends

Computer Assignment

Revision and Half Yearly Exam

Practical Lab Activities based on HTML 5

October- December

Theory

Chapter – 4 Iterative Statements in Python

Chapter – 8 Introduction to Robotics

Revision

Practical Programs based on Python.

January

Computer Assignment

Revision

Practical Yearly Practical Exam based on Python

February

Revision and Yearly Exam

ART & CRAFT

April: Illustration (Pg. 69)

May: Landscape (Pg. 31)

July: Portrait of Girl (Pg. 65)

August: Still Life Water Colour (Pg. 18)

September: Animal Study Water Colour (Pg. 41)

October: Landscape (Pg. 32)

November: Object Drawing Kettle (Pg. 12)

December: Bird Study (Pg. 52)

January: Creative Painting (Pg. 67)

February: Revision

March: Final Exams

PHYSICAL EDUCATION AND SPORTS

APRIL

- A. Introduction of Physical Education
- B. Introduction of physical education practical notebook
- C. Major game Hockey
- D. Practice of fundamental skills of the game
- E. Dribbling, passing, hit, scoop and push etc.

MAY

- A. Calisthenics exercises, warm up and stretching exercises.
- B. Major Game Basketball
- C. Practice of fundamental skills of the game
- D. Dribbling, shooting, lay-up shots and passing etc.

JUNE

Summer Coaching Camp.

JULY

- A. Preparation of school teams for Punjab School Games/ CBSE Tournaments
- B. Major games - Volleyball
- C. Fundamental skills of the game.

AUGUST

- A. Practice of the games for P.S.E.B & CBSE tournaments
- B. Minor Games and recreational activities.

SEPTEMBER

- A. Mid Term gradation
- B. Physical Education Practical Examination
- C. Minor games
- D. Recreational activities.

OCTOBER

- A. Mass P.T. exercises
- B. Practice For Annual Athletic Meet
- C. Major Game Football
- D. Selection of students for Annual Sports day.

NOVEMBER

- A. Annual Athletic Meet
- B. Minor games
- C. Recreational activities

DECEMBER

- A. Major Games- Football and Badminton
- B. Practice of fundamental skills of the game

JANUARY

- A. Major Games- Basketball and Handball
- B. Final Practical, Viva and Gradation

FEBRUARY & MARCH

Final Examination.

MORAL SCIENCE

TEXTBOOK :	LIGHT UP YOUR LIFE by FR. GEORGE CHERUVIL
APRIL	L-1 What makes us happy? L-2 How beautiful are you?
MAY	L-3 Choose cleanliness L-4 Patience wins
JULY	L-5 Tolerance builds, intolerance breaks L-6 A sense of duty
AUGUST	L-7 Our Motherland L-8 Courtesy and politeness
SEPTEMBER	REVISION AND HALF YEARLY EXAMINATION
OCTOBER	L-9 Punctuality brings respect L-10 The joy of simplicity
NOVEMBER	L-11 Faith in God L-12 Honesty is the best policy
DECEMBER	L-13 Choose Decency L-14 Sincerity always shines
JANUARY	L-15 The virtue of Generosity L-16 Kindness and compassion
FEBRUARY	REVISION & YEARLY EXAMINATION

GENERAL KNOWLEDGE

Prescribed Book - Wonders of GK by TUK Publications

April	:	Task 1 - 7
May	:	Task 8 - 15
July	:	Task 16 - 20
August	:	Task 21 - 26
September	:	Revision and Half Yearly Examination.
October	:	Task 27 - 32
November	:	Task 33 - 41
December & January	:	Task 42 - 46 Task 47 - 51
February & March	:	Revision and Yearly Examination.

ACTIVITY PLANNER

April	Inaugural Prayer Service Allocation of houses House Meeting Calligraphy Slogan writing
May	Labour's Day Celebration Poem writing English Declamation
July	Quiz (Science) Reading competition
August	Group Dance (Patriotic)
October	Rangoli Making Competition Kandil (Lantern) Making
November	Master Chef competition
December	Sports Day Inter-Class Carol Singing Competition Inter-Class Bulletin Board and Class Decoration
January	Kite making competition Cultural Prize Distribution Function