



**Class VIII**  
**SYLLABUS 2024-25**

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# ENGLISH

## General Objectives:

- To enable students think, communicate and express themselves fluently in English.
- To help students develop linguistic ability.
- To help students read and speak with the right pronunciation, stress and intonation.
- To stimulate creativity and imagination through extended reading and to express himself/herself in words.
- To help students retrieve and reproduce clearly stated actions, events and feelings.
- To enable students, recognize language features and styles.
- To enable students write grammatically correct sentences.
- To help students develop skills of planning, organizing, revising and editing the written work.
- To help them organize thoughts in a sequential manner with proper introduction and conclusion.
- To help students' express ideas logically and convincingly using appropriate examples and quotations.
- To familiarize students with the use of basic imagery and figurative language.

## APRIL - MAY

### Reading

- Unseen Passage

### Writing

- Narrative Essay
- Descriptive Essay

### Grammar

- Ch-1 The Sentence: Subject and Predicate
- Ch-2 The Pronoun
- Prefixes and Suffixes (Vocabulary)

### Literature

- Ch-2 Ozymandias (Poem)
- Ch-3 Face on the Wall

## JULY

### Reading

- Unseen Passage

### Writing

- Film Review

### Grammar

- Ch-7 Tenses
- Ch-13 Articles
- Ch-19 Punctuation Marks

### Literature

- Ch-4 Mending Wall (Poem)
- Ch-5 The Treasure of Lemon Brown
- Ch-8 The Clothing Man

## AUGUST

### Reading

- Unseen Passage

### Writing

- Writing Reports

### Grammar

- Ch-3 Auxiliary Verbs and Modals

- Ch-5 The Adjective
- Ch-6 Adverbs

### **Literature**

- Ch-6 Macbeth
- Ch-7 The Dash (Poem)
- Ch-15 The Seven Ages of Man (Poem)

## **SEPTEMBER**

- Revision and Half Yearly Examination

## **OCTOBER**

### **Reading**

- Unseen Passage

### **Writing**

- Informal Letter
- Display Advertisement

### **Grammar**

- Ch-10 Prepositions
- Ch-12 Agreement of the Verb with the Subject
- Nominalisation (Vocabulary)

### **Literature**

- Ch-9 Macavity, the Mystery Cat (Poem)
- Ch-10 Mrs. Packletide's Tiger

## **NOVEMBER**

### **Reading**

- Unseen Passage

### **Writing**

- Invitations and Replies

### **Grammar**

- Ch-15 Direct and Indirect (Reported) Speech
- Ch-16 Conditional Clauses
- Ch-4 Non-Finite Verbs
- Figures of Speech

### **Literature**

- Ch-11 The Camel's Complaint (Poem)
- Ch-12 A Fishy Story

## **DECEMBER**

### **Reading**

- Unseen Passage

### **Writing**

- Letter to the Editor
- Precis Writing

### **Grammar**

- Ch-14 Active and Passive voice
- Ch-9 Conjunctions
- Phrasal Verbs (Vocabulary)

### **Literature**

- Ch-13 Small Pain in My Chest (Poem)
- Ch-14 Pret in the House

## JANUARY

### Reading

- Unseen Passage

### Writing

- Writing an email
- Picture Composition

### Grammar

- Ch-8 Clauses
- Ch-11 Simple, Compound and Complex Sentences
- Ch-17 Transformation of Sentences
- Ch-18 Synthesis of Sentences

### Literature

- Ch-1 A Man's Best Friend
- Ch-16 The Speckled Band

## FEBRUARY- MARCH

- Revision and Final Examination

## RECOMMENDED READING

**Novel 1:** A Tale of Two Cities

**Novel 2:** Pride and Prejudice

### Syllabus for Examination

<b>UNITTEST1</b>	<b>Reading</b> · Unseen Passage <b>Writing</b> · Descriptive Essay ·Narrative Essay <b>Grammar</b> · Ch-1 The Sentence: Subject and Predicate· Prefixes and Suffixes <b>Literature</b> ·Ch-2 Ozymandias· Ch-3Face onthe Wall
<b>HALFYEARLY EXAMINATION</b>	<b>Reading</b> · Unseen Passage <b>Writing</b> ·DescriptiveWriting·NarrativeWriting·FilmReview·Writing Reports <b>Grammar</b> · Ch-1 The Sentence: Subject and Predicate · Ch-2 The Pronoun · Ch-3AuxiliaryVerbsandModals·Ch-5TheAdjective·Ch-6 Adverbs · Ch-7Tenses·Ch-13Articles·Ch-19Punctuation Marks · PrefixesandSuffixes(Vocabulary) <b>Literature</b> ·Ch-2Ozymandias·Ch-3FaceontheWall·Ch-4MendingWall · Ch-5TheTreasureof LemonBrown·Ch-6 Macbeth·Ch-7The Dash · Ch-8 The Clothing Man · Ch-15 The Seven Ages of Man
<b>UNITTEST2</b>	<b>Reading</b> · Unseen Passage <b>Writing</b> ·Informal Letter ·Display Advertisement <b>Grammar</b> ·Ch-10Prepositions·Ch-12AgreementoftheVerbwiththe Subject <b>Literature</b> ·Ch-9Macavity,theMysteryCat·Ch-10Mrs.Packletide'sTiger
<b>FINAL EXAMINATION</b>	Full syllabus covered in the class from April to January.

## हिंदी

### सामान्य उद्देश्य :

- हिंदी भाषा के आधारित व मौलिक उद्देश्य बताकर मातृभाषा का महत्त्व प्रतिपादित करना ।
- हिंदी भाषा की वर्तनी का उचित ज्ञान देना ।
- शब्द भंडार में वृद्धि करना ।
- अनुभूति व अभिव्यक्ति पक्ष सशक्त करना ।
- साहित्य की विभिन्न विधाओं का ज्ञान देना ।
- छात्रों को अवसरानुकूल औपचारिक भाषा के प्रयोग में समर्थ करना ।
- भाषा की संरचना को समझने और इसके विश्लेषण करने की योग्यता का विकास करना।
- भाषिक कौशलों (श्रवण, वाचन, पठन तथा लेखन) का विकास करना ।

### अप्रैल - मई

#### वसंत पाठ्यपुस्तक:

- पाठ 2. लाख की चूड़ियाँ (कहानी)
- पाठ 3. बस की यात्रा (व्यंग्य)

#### शहीदों की शौर्य गाथाएँ पूरक पुस्तिका :

- पाठ 1. विनायक दामोदर सावरकर

#### व्याकरण:

- शब्द और पद: पर्यायवाची · विलोम शब्द: अनुस्वार एवं अनुनासिक
- अपठित गद्यांश

#### लेखन कौशल :

- अनुच्छेद लेखन
- अनौपचारिक पत्र

#### जुलाई-वसंत पाठ्यपुस्तक:

- पाठ 4. दीवानों की हस्ती (कविता)
- पाठ 6. भगवान के डाकिए (कविता)

#### शहीदों की शौर्य गाथाएँ पूरक पुस्तिका :

- पाठ 2. कन्हैया लाल दत्त

#### व्याकरण :

- उपसर्ग: प्रत्यय: मुहावरे: क्रिया विशेषण

#### लेखन कौशल:

- संवाद लेखन

### अगस्त

#### वसंत पाठ्यपुस्तक:

- पाठ 7. क्या निराश हुआ जाए (निबंध)
- पाठ 8. यह सबसे कठिन समय नहीं (कविता)

#### शहीदों की शौर्य गाथाएँ पूरक पुस्तिका :

- पाठ 3. सरदार ऊधम सिंह

#### व्याकरण :

- समास (द्विगु, कर्मधारय)- अपठित पद्यांश

#### लेखन कौशल :

- लघु कथा लेखन

#### सितंबर :

पुनरावृत्ति तथा अर्धवार्षिक परीक्षा

#### अक्तूबर

#### वसंत पाठ्यपुस्तक:

- पाठ 9. कबीर की साखियाँ
- पाठ 13. जहाँ पहिया है (रिपोर्ताज)

#### शहीदों की शौर्य गाथाएँ पूरक पुस्तिका :

- पाठ 4. खुदीराम बोस

#### व्याकरण :

- अनेकार्थी शब्द · पर्यायवाची शब्द · वाक्यांश के लिए एक शब्द

#### लेखन कौशल:

- संवाद लेखन-लघु कथा लेखन

#### नवंबर

#### वसंत पाठ्यपुस्तक:

- पाठ 12. सुदामा चरित (कविता)
- पाठ 14. अकबरी लोटा (कहानी)

#### शहीदों की शौर्य गाथाएँ पूरक पुस्तिका :

- पाठ 5. चंद्रशेखर आज़ाद

#### व्याकरण:

- अर्थ के आधार पर वाक्य भेद-संधि (व्यंजन, विसर्ग)

#### लेखन कौशल :

- अनुच्छेद लेखन

#### दिसंबर

#### वसंत पाठ्यपुस्तक:

- पाठ 15. सूर के पद (कविता)
- पाठ 16. पानी की कहानी (निबंध)

#### शहीदों की शौर्य गाथाएँ पूरक पुस्तिका :

- 7. अलबम

**व्याकरण:**

- वाक्य रचना की अशुद्धियाँ: मुहावरे: विराम चिह्न

**लेखन कौशल :**

- पत्र लेखन (औपचारिक)

**जनवरी****वसंत पाठ्यपुस्तक:**

- पाठ 17. बाज और साँप (कहानी)

**शहीदों की शौर्य गाथाएँ पूरक पुस्तिका :**

- पाठ 8. भिखारिन

**व्याकरण :**

- विलोम शब्द

**फरवरी - मार्च**

- पुनरावृत्ति तथा वार्षिक परीक्षा

**परीक्षा के लिए निर्धारित पाठ्यक्रम**

<b>यूनिटटैस्ट1</b>	<b>वसंत :</b> पाठ 2 लाख की चूड़ियाँ <b>व्याकरण :</b> शब्द और पद, पर्यायवाची शब्द (1-10), अनुस्वार एवं अनुनासिक, विलोम शब्द (1-15), अपठित गद्यांश <b>लेखन कौशल :</b> अनुच्छेद लेखन
<b>अर्धवार्षिकपरीक्षा</b>	<b>वसंत :</b> पाठ 3 बस की यात्रा, पाठ 4 दीवानों की हस्ती, पाठ 6 भगवान के डाकिए, पाठ 7 क्या निराश हुआ जाए पाठ 8 यह सबसे कठिन समय नहीं <b>शहीदों की शौर्य गाथाएँ :</b> पाठ 1 विनायक दामोदर सावरकर, पाठ 2 कन्हैयालाल दत्त, पाठ 3 सरदार उधम सिंह <b>व्याकरण :</b> शब्द और पद, पर्यायवाची शब्द (1-35), अनुस्वार एवं अनुनासिक, विलोम शब्द (1-48), उपसर्ग, प्रत्यय, मुहावरे (1-20), क्रिया विशेषण, समास (द्विगु और कर्मधारय), अपठित गद्यांश एवं पद्यांश <b>लेखन कौशल :</b> अनुच्छेद लेखन, अनौपचारिक पत्र, संवाद लेखन, लघु कथा लेखन
<b>यूनिट टैस्ट 2</b>	<b>वसंत :</b> पाठ 9 कबीर की साखियाँ, पाठ 13 जहाँ पहिया है <b>व्याकरण :</b> अनेकार्थी शब्द (1-20), पर्यायवाची शब्द (36-45), वाक्यांश के लिए एक शब्द (1-15), अपठित गद्यांश <b>लेखन कौशल :</b> संवाद लेखन
<b>वार्षिक परीक्षा</b>	<b>संपूर्ण पठित पाठ्यक्रम</b>

## संस्कृत

### सामान्य उद्देश्य :

- संस्कृत भाषा के प्रति छात्रों की रुचि जागृत करना ।
- संस्कृत भाषा की उच्चारण शुद्धता तथा वर्तनी का उचित ज्ञान देना ।
- संस्कृत भाषा की मौखिक तथा लिखित अभिव्यक्ति पर बल देना ।
- चिंतन की योग्यता का विकास करना ।
- भाषा के शुद्ध, उपयुक्त तथा प्रभावपूर्ण प्रयोग की योग्यता का विकास करना ।
- संस्कृत भाषा के मौलिक उद्देश्य बताकर वैदिक भाषा का महत्त्व प्रतिपादित करना ।
- संस्कृत भाषा का वास्तविक तथा व्यावहारिक ज्ञान देना ।
- अपनी भाषा, साहित्य और संस्कृति के प्रति गौरव की भावना का विकास करना ।

### अप्रैल - मई

#### संस्कृत ज्ञान कणिका : पाठ्यपुस्तक

- पाठ 1. वार्तालाप:
- पाठ 2. जन्मदिवसोत्सव:
- पाठ 3. दिल्ली दर्शनम्

#### व्याकरण :

- शब्द - रूपाणि (अकारांत, आकारांत)
- धातु - रूपाणि (लट्, लृट्, लङ् लकारेषु)

#### लेखन - कौशल :

- चित्र - वर्णनम्
- अपठित - अवबोधनम्

### जुलाई

#### संस्कृत ज्ञान कणिका : पाठ्यपुस्तक

- पाठ 4. पर्यावरणरक्षायै वनमहोत्सव:
- पाठ 5. विद्यालयस्य अनुशासनम्
- पाठ 6. अस्माकम् प्रिया: खगा:
- पाठ 7. मम परिवार:

#### व्याकरण :

- उपसर्गाः
- प्रत्ययाः (कृदंत - क्त , क्त्वा , तुमुन्)

### अगस्त

#### संस्कृत ज्ञान कणिका : पाठ्यपुस्तक

- पाठ 8. मित्रयोः संलापः
- पाठ 9. मम विद्यालयः
- पाठ 10. देवालये महोत्सवः



**व्याकरण :**

- संधि-प्रकरणम्

**लेखन - कौशल :**

- पत्र - लेखनम्

**सितंबर**

- पुनरावृत्ति एवं अर्धवार्षिक परीक्षा

**अक्टूबर**

**संस्कृत ज्ञान कणिका : पाठ्यपुस्तक**

- पाठ 11. सुभाषितानि
- पाठ 12. सिद्धार्थस्य विरक्तिः

**व्याकरण :**

- समय - लेखनम्
- संख्यावाचक शब्दाः
- शब्द - रूपाणि (इकारान्त)
- धातु - रूपाणि (लोट्, विधिलिङ्ग लकारेषु)

**नवंबर**

**संस्कृत ज्ञान कणिका : पाठ्यपुस्तक**

- पाठ 13. असमप्रदेशस्य कामाख्यामंदिरम्
- पाठ 14. ऋतवः

**व्याकरण :**

- प्रश्न-निर्माणम्

**दिसंबर**

**संस्कृत ज्ञान कणिका : पाठ्यपुस्तक**

- पाठ 15. शिक्षायाः महत्त्वम्
- पाठ 16. मित्रम् प्रति पत्रम्
- पाठ 17. उज्ज्वलः किम् किम् करोति ?

**लेखन - कौशल :**

- कथा-लेखनम्

**जनवरी**

**संस्कृत ज्ञान कणिका : पाठ्यपुस्तक**

- पाठ 18. संख्यावाची विशेषणम्
- पाठ 19. मम दिनचर्या

**व्याकरण :**

- अशुद्धि-संशोधनम्

**फरवरी - मार्च**

- पुनरावृत्ति एवं वार्षिक परीक्षा

## परीक्षा के लिए निर्धारित पाठ्यक्रम

<p><b>यूनिट टैस्ट- 1</b></p>	<p><b>संस्कृत ज्ञान कणिका :</b> *पाठ 1. वार्तालाप: *पाठ 2. जन्मदिवसोत्सव: <b>व्याकरण :</b> *शब्द - रूपाणि (अकारांत, आकारांत) *धातु - रूपाणि (लट् , लृट् लकारेषु)*चित्र - वर्णन *अपठित - अवबोधनम्</p>
<p><b>अर्धवार्षिक परीक्षा</b></p>	<p><b>संस्कृत ज्ञान कणिका :</b> *पाठ 1. वार्तालाप: *पाठ 2. जन्मदिवसोत्सव: *पाठ 3. दिल्ली दर्शनम् *पाठ 4. पर्यावरणरक्षायै वनमहोत्सव: *पाठ 5. विद्यालयस्य अनुशासनम् *पाठ 6. अस्माकम् प्रिया: खगा: *पाठ 7. मम परिवार: *पाठ 8. मित्रयो: संलाप: *पाठ 9. मम विद्यालय: *पाठ 10. देवालये महोत्सव: <b>व्याकरण :</b> *शब्द - रूपाणि (अकारांत, आकारांत) *धातु - रूपाणि (लट् , लृट् , लङ् लकारेषु) *उपसर्गा: *प्रत्यया: (कृदंत - क्त , क्त्वा , तुमुन्) *संधि - प्रकरणम् *अपठित - अवबोधनम् <b>लेखन कौशल :</b> *चित्र - वर्णनम्*पत्र - लेखनम्</p>
<p><b>यूनिट टैस्ट- 2</b></p>	<p><b>संस्कृत ज्ञान कणिका :</b> *पाठ 11. सुभाषितानि *पाठ 12. सिद्धार्थस्य विरक्ति: <b>व्याकरण :</b> *समय - लेखनम् *संख्यावाचक शब्दा: *शब्द - रूपाणि (इकारांत) *धातु - रूपाणि (लोट्, विधिलिङ्ग लकारेषु) *अपठित - अवबोधनम् * चित्र वर्णन</p>
<p><b>वार्षिक परीक्षा</b></p>	<p><b>संस्कृत ज्ञान कणिका :</b> *पाठ 1. वार्तालाप: *पाठ 2. जन्मदिवसोत्सव: *पाठ 3. दिल्ली दर्शनम् *पाठ 4. पर्यावरणरक्षायै वनमहोत्सव: *पाठ 5. विद्यालयस्य अनुशासनम् *पाठ 6. अस्माकम् प्रिया: खगा: *पाठ 7. मम परिवार: *पाठ 8. मित्रयो: संलाप: *पाठ 9. मम विद्यालय: *पाठ 10. देवालये महोत्सव: *पाठ 11. सुभाषितानि *पाठ 12. सिद्धार्थस्य विरक्ति: *पाठ 13. असमप्रदेशस्य कामाख्यामंदिरम् *पाठ 14. ऋतव: *पाठ 15. शिक्षाया: महत्त्वम् * पाठ 16. मित्रम् प्रति पत्रम् *पाठ 17. उज्ज्वल: किम् किम् करोति ? *पाठ 18. संख्यावाची विशेषणम् *पाठ 19. मम दिनचर्या <b>व्याकरण :</b> *शब्द - रूपाणि (अकारांत, आकारांत, इकारांत) *धातु - रूपाणि (लट्, लृट्, लङ्, लोट्, विधिलिङ्ग लकारेषु) *उपसर्गा: *प्रत्यया: (कृदंत - क्त , क्त्वा , तुमुन्) *संधि - प्रकरणम् *समय-लेखनम् *संख्यावाचक शब्दा: *प्रश्न - निर्माणम् *अशुद्धि - संशोधनम् *अपठित - अवबोधनम् <b>लेखन कौशल :</b> *चित्र - वर्णनम् *पत्र - लेखनम् *कथा - लेखनम्</p>

# FRENCH

## General Objectives:

- To give the students an insight into the French culture, customs and traditions.
- To develop speaking, reading, listening and writing skills of the language.
- To foster an interest in learning a foreign language.
- To add an international dimension to the learning process of the students.

## April-May

**Leçon 0** La publicité

**Leçon 1** Les pays francophones

**Grammaire** Les adjectifs démonstratifs  
Les verbes -er, -ir, -re et les verbes irréguliers  
Les adjectifs et L'adjectif 'tout'

## July

**Leçon 2** Dans un magasin de vêtements

**Leçon 3** Voulez-vous un coup de main?

**Grammaire** L'Impératif  
Les conjonctions  
Les adverbes

## August

**Leçon 4** Mon dernier week-end!

**Leçon 5** L'heure du Conte

**Grammaire** Le passé composé avec le verbe <<avoir>> et <<être>>  
La négation  
Les participes passés

## September

**Révision**

## October

**Leçon 6** Rien ne marche bien

**Grammaire** Les expressions négatives au présent

## November

- Leçon 7** Je suis en retard
- Grammaire** Le passé composé (verbes pronominaux)  
La négation au passé

## December

- Leçon 8** Vincent va organiser une fête
- Leçon 9** Seul à la maison
- Grammaire** Le futur proche  
Le futur simple

## January

- Leçon 10** Quelle surprise!
- Grammaire** Le passé récent

## Syllabus for Examination

<b>UT 1</b>	Leçon 0, Leçon 1
<b>Half Yearly Examination</b>	Leçon 0, Leçon 1, Leçon 2, Leçon 3, Leçon 4, Leçon 5, Compréhension écrite, Expression écrite.
<b>UT 2</b>	Leçon 6, Leçon 7
<b>Final Examination</b>	Leçon 0, Leçon 1, Leçon 2, Leçon 3, Leçon 4, Leçon 5, Leçon 6, Leçon 7, Leçon 8, Leçon 9, Leçon 10, Compréhension écrite, Expression écrite.

# MATHEMATICS

## General Objectives:

- To become precise and logical.
- To develop an interest in students to study Mathematics as a discipline.
- To develop the ability to relate and apply concepts and procedures in everyday life.
- To develop the ability to solve Mathematical problems from various topics such as Algebra, Mensuration and Statistics.

## APRIL- MAY

- Ch-1 Rational Numbers
- Ch-3 Understanding Quadrilaterals

### PRACTICAL:

- To verify that opposite sides and angles of a parallelogram are equal.
- To verify that diagonals of a parallelogram bisect each other.
- To verify that the sum of all angles of a quadrilateral is  $360^\circ$ .

## JULY

- Ch-2 Linear Equations in One Variable
- Ch-4 Data Handling
- Ch-5 Squares and Square Roots

### PRACTICAL:

- To construct a pie chart to represent the given information.
- To find the square of a number using the diagonal method.

## AUGUST

- Ch-6 Cubes and Cube Roots
- Ch-9 Mensuration

### PRACTICAL:

- To find the area of a trapezium by activity method.

## SEPTEMBER

- Revision & Half Yearly Examination

## OCTOBER

- Ch-7 Comparing Quantities
- Ch-11 Direct and Inverse Proportions

### PRACTICAL:

- To develop the concept of inverse variation by activity method.

## NOVEMBER

- Ch-8 Algebraic Expressions and Identities

### PRACTICAL:

- To verify the algebraic identity  $(a + b)^2 = a^2 + 2ab + b^2$

## DECEMBER

- Ch-13 Introduction to Graphs
- Ch-12 Factorisation

### PRACTICAL:

- To verify the algebraic identity  $(a^2 - b^2) = (a + b)(a - b)$

### JANUARY

- Ch-10 Exponents and Powers

### PRACTICAL:

- To verify the formula of curved surface area of a right circular cylinder by activity method.

### FEBRUARY- MARCH

- Revision & Final Examination

## Syllabus for Examination

UNIT TEST 1	<ul style="list-style-type: none"> <li>● Ch-1 Rational Numbers</li> <li>● Ch-3 Understanding Quadrilaterals</li> </ul>
HALF YEARLY EXAMINATION	<ul style="list-style-type: none"> <li>● Ch-1 Rational Numbers</li> <li>● Ch-2 Linear equations in One Variable</li> <li>● Ch-3 Understanding Quadrilaterals</li> <li>● Ch-4 Data Handling</li> <li>● Ch-5 Squares and Square Roots</li> <li>● Ch-6 Cubes and Cube Roots</li> <li>● Ch-9 Mensuration</li> </ul>
UNIT TEST 2	<ul style="list-style-type: none"> <li>● Ch-7 Comparing Quantities</li> <li>● Ch-11 Direct and Inverse Proportions</li> </ul>
FINAL EXAMINATION	<ul style="list-style-type: none"> <li>● Ch-1 Rational Numbers</li> <li>● Ch-2 Linear equations in One Variable</li> <li>● Ch-3 Understanding Quadrilaterals</li> <li>● Ch-4 Data Handling</li> <li>● Ch-5 Squares and Square Roots</li> <li>● Ch-6 Cubes and Cube Roots</li> <li>● Ch-7 Comparing Quantities</li> <li>● Ch-8 Algebraic Expressions and Identities</li> <li>● Ch-9 Mensuration</li> <li>● Ch-10 Exponents and Powers</li> <li>● Ch-11 Direct and Inverse Proportions</li> <li>● Ch-12 Factorisation</li> <li>● Ch-13 Introduction to Graphs</li> </ul>

# SCIENCE

## General Objectives:

- To develop a scientific attitude and temper.
- To understand scientific concepts, principles and laws.
- To develop the experimental skills and sharpen the sense of inquiry.
- To make the children recognize, the relationship of science, technology and society.
- To understand the fundamental principles that underline simple scientific and technological activities.
- To inculcate in children some of the science and technology related values.
- To develop measuring and manipulative skills and to encourage the use of locally available resources.
- To acquire a sound knowledge of scientific terms, facts and definitions

## APRIL - MAY

- Ch-1 Crop Production and Management
- Ch-3 Coal and Petroleum
- Ch-8 Force and Pressure

## PRACTICALS:

- To study parts of Compound Microscope.
- Explain the working principle of a rubber dropper.
- To show that pressure of the liquid varies with depth.

## JULY

- Ch-4 Combustion and Flame
- Ch-5 Conservation of Plants and Animals

## MULTIPLE ASSESSMENT

- Topic: - Materials: Metals and Non-Metals

## PRACTICALS:

- To study the action of Fe, Zn, Na, Cu on the hydrochloric acid.
- To study the displacement reaction of copper from its salt solution.
- To study the formation of basic oxide when metal reacts with oxygen.
- To study different zones of candle flame.

## AUGUST

- Ch-2 Microorganisms: Friend and Foe
- Ch-13 Light

## MULTIPLE ASSESSMENT

- Topic: - Materials: Cell-Structure and Function

## PRACTICAL:

- To verify the laws of reflection using a plane mirror.
- To study the permanent slides of Amoeba and Hydra.
- To prepare a temporary slide of an onion peel and observe the cells under Microscope.
- To prepare a temporary slide of a cheek cell and observe the cells under Microscope.

## SEPTEMBER - Revision and Half Yearly Examination

## OCTOBER

- Ch-9 Friction
- Ch-12 Some Natural Phenomena

**NOVEMBER**

- Ch-7 Reaching the Age of Adolescence
- Ch-10 Sound

**PRACTICAL:**

- To observe the vibrations in tuning fork and show the ripples produced in water.

**DECEMBER**

- Ch-6 Reproduction in Animals
- Ch-11 Chemical Effects of Electric Current

**PRACTICAL:**

- To study the magnetic effect of electric current.
- To prove that rubbing produces electricity.

**JANUARY- REVISION****FEBRUARY- MARCH****REVISION AND FINAL EXAMINATION****Syllabus for Examination**

	<b>Chapter Names</b>
<b>UNIT TEST 1</b>	<ul style="list-style-type: none"> <li>• Ch-1 Crop Production and Management</li> <li>• Ch-8 Force and Pressure</li> </ul>
<b>HALF YEARLY EXAMINATION</b>	<ul style="list-style-type: none"> <li>• Ch-1 Crop Production and Management</li> <li>• Ch-2 Microorganisms: Friends and Foe</li> <li>• Ch-3 Coal and Petroleum</li> <li>• Ch-4 Combustion and Flame</li> <li>• Ch-5 Conservation of Plants and Animals</li> <li>• Ch-8 Force and Pressure</li> <li>• Ch-13 Light</li> </ul>
<b>UNIT TEST 2</b>	<ul style="list-style-type: none"> <li>• Ch-9 Friction</li> <li>• Ch-12 Some Natural Phenomena</li> </ul>
<b>FINAL EXAMINATION</b>	<ul style="list-style-type: none"> <li>• Ch-1 Crop Production and Management</li> <li>• Ch-2 Microorganisms: Friends and Foe</li> <li>• Ch-3 Coal and Petroleum</li> <li>• Ch-4 Combustion and Flame</li> <li>• Ch-5 Conservation of Plants and Animals</li> <li>• Ch-6 Reproduction in Animals</li> <li>• Ch-7 Reaching the Age of Adolescence</li> <li>• Ch-8 Force and Pressure</li> <li>• Ch-9 Friction</li> <li>• Ch-10 Sound</li> <li>• Ch-11 Chemical Effects of Electric Current</li> <li>• Ch-12 Some Natural Phenomena</li> <li>• Ch-13 Light</li> </ul>



## SOCIAL SCIENCE

### General Objectives

Teaching of Social Science at this stage will help the pupils-

- To develop an understanding of the processes of change and development- both in terms of time and space, through which human society evolved.
- To make learners realize the process of change is continuous and any event or phenomenon or issue cannot be viewed in isolation but in a wider context of times and space.
- To help learners understand and cherish the values and enshrined in the Indian constitution and to prepare them for their roles and responsibilities as effective citizens of a democratic society.
- To deepen knowledge and understanding of India's environment in its totality, their interactive process and effects on the future quality of people's lives.
- To develop qualities clustered around the personnel, social, moral, national and spiritual values that make a person humane and socially effective.

### APRIL- MAY

#### History:

- Ch-1 Introduction–How, When and Where
- Ch-2 Establishment of the British Power in India

#### Political Science:

- Ch-1 Role of Constitution and Need for Laws
- Ch-2 Secularism (Multimedia)

#### Geography:

- Ch-1 Resources

### JULY

#### History:

- Ch-3 Ruling the Countryside

#### Geography:

- Ch-2 Land, Soil, Water, Natural Vegetation and Wildlife Resources

#### Political Science:

- Ch-3 The Parliamentary Government-Why and How?
- Ch-4 The Parliamentary Government-The Executive

### AUGUST

#### History:

- Ch-4 Colonialism and Tribal Societies (Multimedia)
- Ch-5 The Revolt of 1857

#### Geography:

- Ch-3 Agriculture

#### Political Science:

- Ch-5 The Parliamentary Government- The Judiciary

### SEPTEMBER - REVISION FOR HALF YEARLY EXAMS

### OCTOBER

#### History:

- Ch-6 Education under the British Rule

#### Geography:

- Ch-4 Industries

**Political Science:**

- Ch-6 Understanding Marginalisation
- Ch-7 Constitutional Protection to the Marginalised Sections

**NOVEMBER****Geography:**

- Ch-5 Human Resources

**Political Science:**

- Ch-8 Public Conveniences and the Role of the Government
- Ch-9 Laws and Social Justice

**DECEMBER****History:**

- Ch-8 The National Movement-I (1885-1918)
- Ch-9 The National Movement-II (1919-1947)

**JANUARY****History:**

- Ch-7 Women and Caste Reforms

**FEBRUARY - REVISION OF FINAL EXAMINATION****Syllabus for Examination**

S.NO.	ASSESSMENT TOPICS
<b>UT I (30 MARKS)</b>	<b>History:</b> <ul style="list-style-type: none"> <li>● Ch-1 Introduction – How, When and Where</li> </ul> <b>Geography:</b> <ul style="list-style-type: none"> <li>● Ch-1 Resources</li> </ul> <b>Political Science:</b> <ul style="list-style-type: none"> <li>● Ch-1 Role of the Constitution and Need for Laws</li> </ul>
<b>HALF YEARLY (60 MARKS)</b>	<b>History:</b> <ul style="list-style-type: none"> <li>● Ch-2 Establishment of the British Power in India</li> <li>● Ch-3 Ruling the Countryside</li> <li>● Ch-5 The Revolt of 1857</li> </ul> <b>Geography:</b> <ul style="list-style-type: none"> <li>● Ch-2 Land, Soil, Water, Natural Vegetation and Wildlife Resources</li> <li>● Ch-3 Agriculture</li> </ul> <b>Political Science:</b> <ul style="list-style-type: none"> <li>● Ch-1 Role of Constitution and Need for Laws</li> <li>● Ch-3 The Parliamentary Government-Why and How?</li> <li>● Ch-4 The Parliamentary Government-The Executive</li> <li>● Ch-5 The Parliamentary Government-The Judiciary</li> </ul>

<p><b>UTII (30 MARKS)</b></p>	<p><b>History:</b></p> <ul style="list-style-type: none"> <li>• Ch-6 Education under the British Rule</li> </ul> <p><b>Geography:</b></p> <ul style="list-style-type: none"> <li>• Ch-4 Industries</li> </ul> <p><b>Political Science:</b></p> <ul style="list-style-type: none"> <li>• Ch-6 Understanding Marginalisation</li> </ul>
<p><b>FINAL EXAM (60 MARKS)</b></p>	<p><b>History:</b></p> <ul style="list-style-type: none"> <li>● Ch-5 The Revolt of 1857 (Term 1)</li> <li>● Ch-6 Education Under the British Rule</li> <li>● Ch-7 Women and Caste Reforms</li> <li>● Ch-8 The National Movement-I (1885-1918)</li> <li>● Ch-9 The National Movement-II (1919-1947)</li> </ul> <p><b>Geography:</b></p> <ul style="list-style-type: none"> <li>● Ch-2 Land, Soil, Water, Natural Vegetation &amp; Wildlife Resources (Term 1)</li> <li>● Ch-3 Agriculture (Term 1)</li> <li>● Ch-4 Industries</li> <li>● Ch-5 Human Resources</li> </ul> <p><b>Political Science:</b></p> <ul style="list-style-type: none"> <li>● Ch-3 The Parliamentary Government- Why and How? (Term 1)</li> <li>● Ch-4 The Parliamentary Government- The Executive (Term 1)</li> <li>● Ch-5 The Parliamentary Government- The Judiciary (Term 1)</li> <li>● Ch-6 Understanding Marginalisation</li> <li>● Ch-7 Constitutional Protection to the Marginalised Sections.</li> <li>● Ch-8 Public Conveniences and the Role of the Government</li> <li>● Ch-9 Laws and Social Justice</li> </ul>

## Computer

### General Objectives:

1. To develop logical reasoning.
2. To develop the problem-solving approach.
3. To develop the ability to relate and apply concepts and procedures in everyday life.

### April-May

- Ch-1 Computer Network
- Ch-9 Internet Ethics

### July

- Ch-2 Introduction to Access

### August

- Ch-3 Working with Queries, Forms, and Reports

### September

- **Revision For Half Yearly Examination**

### October

- Ch-8 Learning App Development-Thunkable

### November

- Ch-4 Cloud Computing

### December

- Ch-5 Learning Loops/Iterative Statements
- Ch-7 Sound Editing with Audacity

### January

- Ch-6 About Arduino (Activity)

### February

- **Revision For Final Examination**

### Syllabus for Examination

UT - 1	<ul style="list-style-type: none"> <li>• Ch-1 Computer Network</li> </ul>
HALF YEARLY EXAMINATION	<ul style="list-style-type: none"> <li>• Ch-1 Computer Network</li> <li>• Ch-9 Internet Ethics</li> <li>• Ch-2 Introduction to Access</li> <li>• Ch-3 Working with Queries, Forms, and Reports</li> </ul>
UT - 2	<ul style="list-style-type: none"> <li>• Ch-8 Learning App Development-Thunkable</li> </ul>
FINAL EXAMINATION	<ul style="list-style-type: none"> <li>• Ch-1 Computer Network</li> <li>• Ch-2 Introduction to Access</li> <li>• Ch-3 Working with Queries, Forms, and Reports</li> <li>• Ch-4 Cloud Computing</li> <li>• Ch-5 Learning Loops/Iterative Statements</li> <li>• Ch-7 Sound Editing with Audacity</li> <li>• Ch-8 Learning App Development-Thunkable</li> <li>• Ch-9 Internet Ethics</li> </ul>

## GENERAL KNOWLEDGE

### General Objectives:

- To develop their social, sensitive, reasoning and analytical skills.
- To develop critical thinking about the present condition of the environment and its effects.
- To develop appropriate knowledge and skills about different political, social and moral concerns of the country.
- To broaden their perspectives related to different educational, scientific, national and international concerns.
- To equip them with up-to-date knowledge about the world.
- To inculcate positive attitudes, civic sense and healthy habits among them.

### APRIL – MAY

- Countries and their Capitals
- Current Affairs (April-May)
- Logical Reasoning (Number Series)

### JULY

- Awards and Nominations (Literary/sports)
- Current Affairs (June-July)
- Logical Reasoning (Coding Decoding)

### AUGUST

- United Nations
- Current Affairs (August)
- Logical Reasoning (Analogy)

### SEPTEMBER

- **Revision & Half Yearly Examination**

### OCTOBER

- Famous Firsts from India
- Current Affairs (September-October)
- Logical Reasoning (Blood Relation)

### NOVEMBER

- Countries and their National Sports
- Current Affairs (November)
- Logical Reasoning (Calendar)

### DECEMBER

- Books and their Authors
- Current Affairs (December)
- Logical Reasoning (Directions)

**JANUARY**

- Current Affairs (January)
- Logical Reasoning (Non-Verbal Reasoning)

**FEBRUARY- MARCH**

- **Revision & Final Examination**

**Syllabus for Examination**

<b>HALF YEARLY EXAMINATION</b>	<ul style="list-style-type: none"><li>● Countries and their Capitals</li><li>● Awards and Nominations (Literary/sports)</li><li>● United Nations</li><li>● Current Affairs (April to August)</li><li>● Logical Reasoning (Number Series, Coding Decoding and Analogy)</li></ul>
<b>FINAL EXAMINATION</b>	<ul style="list-style-type: none"><li>● Famous Firsts from India</li><li>● Countries and their National Sports</li><li>● Books and their Authors</li><li>● Current Affairs (September to January)</li><li>● Logical Reasoning (Blood Relation, Calendar, Directions and Non-Verbal Reasoning)</li></ul>

## HEALTH AND PHYSICAL EDUCATION

### General Objectives:

- Develop motor abilities like strength, speed, endurance, coordination, flexibility, agility and balance, as they are important aspects for good performance in different games and sports.
- Develop techniques and tactics involved in organised physical activities, games and sports.
- Acquire knowledge about human body as its functioning is influenced by physical activities.
- Understand the process of growth and development as participation in physical activities has positive relationship with it

### APRIL-MAY

- Physical Fitness
- Marching
- Mass P T Exercises
- Game – Badminton
- FIT INDIA MOVEMENT
- Yoga-Surya namaskar

### JULY

- Physical Fitness
- Marching
- Mass P T Exercises
- Game – Table Tennis
- FIT INDIA MOVEMENT
- Yoga-Tadasana and Trikonasana

### AUGUST

- Physical Fitness
- Marching
- Mass P T Exercises
- Game – Chess and carrom
- FIT INDIA MOVEMENT
- Yoga- Padmasana and Vajrasana

### SEPTEMBER

#### PRACTICAL EXAMINATION

- General Fitness
- Race – 50 mts. (Speed)
- Broad Jump (Flexibility)
- Yoga (ANY ONE)

### OCTOBER

- Physical Fitness
- Marching
- Mass P T Exercises
- Game – Basketball
- FIT INDIA MOVEMENT
- Yoga –Nokasana and Paschimottanasana

### **NOVEMBER**

- Physical Fitness
- Marching
- Mass P T Exercises
- Game – Football
- FIT INDIA MOVEMENT
- Yoga – Gomukhasana and Setubandhasana

### **DECEMBER**

- Physical Fitness
- Marching
- Mass P T Exercises
- Game – Athletics
- FIT INDIA MOVEMENT
- Yoga – Bhujangasana and Dhanurasana

### **JANUARY**

- Physical Fitness
- Marching
- Mass P T Exercises
- Game – Cricket
- FIT INDIA MOVEMENT
- Yoga – Chakrasana and Halasana

### **FEBRUARY**

#### **PRACTICAL EXAMINATION**

- General Fitness
- Race – 100 mts. (speed)
- Ball throw (strength)
- Yoga ( ANY TWO)



## ART

### GENERAL OBJECTIVES

- To instill creativity and imagination.
- To use colour as a medium of expression.
- To improve their fine motor skills while performing craft activities.
- To assist learners to use artistic and aesthetic sensibility in day-to-day situations

Month	Topics
April –May	<ul style="list-style-type: none"><li>• Concept of Warm And Cool Colours</li><li>• Composition: Nature Based</li><li>• Animal study In Water Colours</li></ul>
July-August	<ul style="list-style-type: none"><li>• Composition – Trip To Mountain</li><li>• Poster On Independence Day</li><li>• Nature Study</li><li>• Facial Features</li></ul>
October-December	<ul style="list-style-type: none"><li>• Gond Painting</li><li>• Diwali Craft /Composition</li><li>• Landscape With Trees</li><li>• Village Scene</li><li>• Still Life In Oil Pastels</li></ul>
January-February	<ul style="list-style-type: none"><li>• Typography</li><li>• Lotus</li><li>• Mix Media</li><li>• Landscape Using Oil Pastels</li></ul>

## MUSIC and DANCE

**Note:** Music and Dance syllabus will be an integral part of the curriculum and will complement academic

learning. The focus of these co-scholastic subjects will be on developing rhythm, aesthetic sense,

flexibility, attention, concentration, coordination, sportsmanship and stamina.

## **DANCE**

### **General Objectives:**

- Improve Flexibility, Agility, Strength and control of the body movement.
- Develop understanding of Alignment, style and rhythm.
- Improve their creative skills.
- Develop body awareness and expressive skills to communicate through movement confidently and creatively.

### **APRIL**

- Freestyle Choreography

### **MAY**

- Hip Hop Introduction
- Hip Hop choreography

### **JULY**

- Introduction to folk dance.
- Folk dance steps
- Choreography on patriotic songs for Independence Day.

### **AUGUST + SEPTEMBER**

- Continuation of choreography on patriotic song.
- Hip hop grooves (Bounce, criss cross, out west)
- Shuffles

### **OCTOBER**

- Introduction to classical dance.
- Classical Dance vocabulary

### **NOVEMBER**

- Classical Choreography

### **DECEMBER**

●Introduction to Bhangra

●Bhangra choreography

## **JANUARY**

●Choreography on a patriotic song.

## **FEBRUARY**

●Revision of Bhangra and Hip-hop Choreography

●Evaluation

## **MUSIC**

### **APRIL/MAY: -**

- School prayer (Itni Shakti hume dena data)
- Sanskrit prayer Asto maa sadgamye

## **JULY**

Laya,Talas & Saptak definition from raga parichey part-1

Patriotic Song from chetnakeswar (Koti kotikantho ne gaya)

## **AUGUST**

Raga BHAIRAVI  
(ArohAvroh&pakad) Dagar chalatchedeshyam....

Sanskrit shlokas gayatri mantra with om chanting

## **SEPT./OCT**

Ganesh Vandana (Gannayakayagandevtaya)  
Teentala with hand movements ( dhadhindhindha....)

## **NOVEMBER**

Shlokas in Sanskrit (Asto maa sadgamyaya)

English Hymn from song book(Give me oil in my lamp...)

## **DECEMBER**

Hurray hurray it's a holiday...eng.song

Christmas Carol's(silent night)

**JANUARY**

Motivational song(Kandho se miltehai kandhe)

Sikh Prayer in Punjabi(Ek omkar satnamkartapurakh...)

**FEBRUARY**

Revision of entire music syllabus