

Class VIII
SYLLABUS (2024-25)
ENGLISH
TERM-I (APRIL TO SEPTEMBER)

MONTHS	NAME OF THE CHAPTER/ TOPIC	
APRIL & MAY	Honeydew It So Happened Grammar Writing Reading Learning Outcome Creative skills	L-1 The Best Christmas Present in the World L-2 The Tsunami Poem: The Ant and The Cricket L-1 How the Camel got his hump Sentences, Adjectives, Nouns and Pronouns Notice Writing Prose Comprehension <u>Learner will be able to:</u> <ul style="list-style-type: none"> • Read the chapters and poems aloud with correct pronunciation and intonation. • Gather information and pass on the message to others. • Infer the meaning of unfamiliar words by reading them in context. <ul style="list-style-type: none"> • Diary Entry: The Tsunami • Class Discussion: Effective ways to deal with Natural Disaster
JULY	Honeydew It So Happened Grammar Writing Learning Outcome	L-3 Glimpses of the Past L-4 Bepin Choudhury's Lapse of Memory L-2 Children at work L-3 The Selfish Giant Tenses, Verb, Subject-Verb Agreement Formal Letter, Article Writing <u>Learner will be able to:</u> <ul style="list-style-type: none"> • Connect ideas through reading and interaction, with personal experiences. • Share opinion coherently with focus on appropriate beginning, middle and end. • Form meaningful sentences using appropriate tenses.

	Creative Skills	<ul style="list-style-type: none"> • Write a letter to the editor of a newspaper Expressing your concern over various environmental and social issues.
AUGUST	Honeydew	Poem: Geography Lesson
	It So Happened	Poem: Macavity: The Mystery Cat L-4 The Treasure Within
	Grammar Writing	Voices, Prepositions Message Writing
	Learning Outcome	<u>Learner will be able to:</u> <ul style="list-style-type: none"> • Gather information and put it on a notice board. • Locate sequence of ideas of a poem/story through various types of comprehensive questions.
	Creative Skills	<ul style="list-style-type: none"> • Poem Recital • Speaking Skill Activity
SEPTEMBER	Grammar Writing	Editing, Pronouns, Synonyms & Antonyms Report Writing
	Learning Outcome	<u>Learner will be able to:</u> <ul style="list-style-type: none"> • Report any happening around them. • Write a paragraph through the process of revising, editing and finalizing.
	Creative Skills	<ul style="list-style-type: none"> • Quiz-Spell Bee and Grammar Topics.
REVISION/HALF YEARLY EXAMINATION		
PERIODIC TEST-I		
Honeydew	L-1 The Best Christmas Present in The World Poem : The Ant and The Cricket	
It So Happened	L-1 How the Camel Got His Hump	
Grammar Writing Reading	Sentences, Nouns & Pronouns Notice Writing Prose Comprehension	

TERM-II(OCTOBER TO MARCH)

<p>October</p>	<p>Honeydew</p> <p>It So Happened</p> <p>Grammar Writing Learning Outcome</p> <p>Creative Skills</p>	<p>L-5The Summit Within Poem: The Last Bargain</p> <p>L-5Princess September</p> <p>Phrases and Clauses, Conditionals Speech Writing</p> <p><u>Learner will be able to:</u></p> <ul style="list-style-type: none"> • Think critically on a topic and present it in an organized manner. • Contemplate the theme of any text/poem and write in their own words. • Speech
<p>November</p>	<p>Honeydew</p> <p>It So Happened</p> <p>Grammar Writing Learning Outcome</p> <p>Creative Skills</p>	<p>L-6 This is Jody's Fawn Poem: The School Boy</p> <p>L-6 The Fight</p> <p>Tenses, Adverbs, Sentences, Adjectives, Nouns & Pronouns Article Writing</p> <p><u>Learner will be able to:</u></p> <ul style="list-style-type: none"> • Gather information and write a bio-sketch. • Form meaningful sentences keeping in mind the correct usage of tenses. • Story Writing

<p>December</p>	<p>Honeydew</p> <p>It So Happened Grammar Writing</p> <p>Learning Outcome</p> <p>Creative Skills</p>	<p>L-7A Visit to Cambridge</p> <p>L-7Jalebis</p> <p>Direct Indirect Speech, Modals, Prepositions Dialogue Writing</p> <p><u>Learner will be able to:</u></p> <ul style="list-style-type: none"> • Respond to messages, telephonic communication. • Connect ideas through reading and interaction, with personal experiences. • Use meaningful sentences to describe/ narrate factual/imaginary situations in speech and writing. • Make a pictorial representation on the topic – Adversity and loss make a man wise. • Debate
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<p>January</p>	<p>Honeydew</p> <p>It so happened</p> <p>Grammar</p> <p>Writing</p> <p>Learning Outcome</p> <p>Creative Skills</p>	<p>L-8A Short Monsoon Diary</p> <p>Poem: On the Grasshopper and The Cricket</p> <p>L-8A Ancient Education System of India</p> <p>Punctuations & Capital Letters, Determiners, Conjunctions</p> <p>Story Writing</p> <p><u>Learner will be able to:</u></p> <ul style="list-style-type: none"> • Punctuate a passage using appropriate punctuation marks. • Write paragraphs in English from verbal, visual clues, with appropriate punctuation marks and linkers. <p>Story Boarding: Share the most memorable moment of the session using a prop.</p>
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February	Grammar	Omission, Words Often Confuse, Editing
REVISION/ANNUALEXAMINATION		
PERIODICTEST-II		
Honeydew	L-5 The Summit Within L-6 This is Jody's Fawn	
	Poem: The Last Bargain	
It so Happened	L-6 The Fight	
Grammar	Tenses, Adjectives	
Writing Skills	Formal Letter	

हिन्दी पाठ्यक्रम 2024-25
प्रथम सत्र (अप्रैल-सितम्बर)

अप्रैल-मई	
पाठ्य पुस्तक वसंत भाग-3	<ol style="list-style-type: none"> 1. लाख की चूड़ियाँ 2. बस की यात्रा 3. दीवानों की हस्ती (कविता)
कहानी संचय	<ol style="list-style-type: none"> 1. नहले पर दहला 2. प्रायश्चित का पुरस्कार
महक हिंदी व्याकरण	वर्ण विचार(वर्ण विच्छेद) , विशेषण , उपसर्ग , विलोम शब्द, अनौपचारिक पत्र।
रचनात्मक गतिविधियाँ	<ul style="list-style-type: none"> • किन्ही चार कुटीर उद्योगों के विषय में जानकारी एकत्रित कीजिए व उनका सचित्र संकलन कीजिए। • आपने अपने परिवार के साथ अनेक स्थानों की यात्रा की होगी। अपनी यात्रा से सम्बंधित किसी प्रसंग को मौखिक रूप से कक्षा में प्रस्तुत कीजिए।
शिक्षण उद्देश्य	<ul style="list-style-type: none"> • उचित आरोह-अवरोह, लय और भाव के साथ कविता का सस्वर वाचन करना व उसमें निहित मूल भाव को समझना । • विद्यार्थियों को लाख के विविध उपयोगों से परिचित कराना व लघु उद्योग-धंधों पर मशीनीकरण के प्रभाव को दर्शाना। • विद्यार्थियों को गद्य साहित्य की संस्मरण व व्यंग्यात्मक विधा का परिचय देना।

जुलाई	
पाठ्य पुस्तक वसंत भाग-3	<ol style="list-style-type: none"> 4. भगवान के डाकिए (कविता) 5. क्या निराश हुआ जाए
कहानी संचय	<ol style="list-style-type: none"> 3. चीफ़ की दावत 4. सिग्नल
महक हिंदी व्याकरण	संधि , क्रिया , मुहावरे , अपठित गद्यांश।
रचनात्मक गतिविधियाँ	<ul style="list-style-type: none"> • विभिन्न मुहावरों पर आधारित 10 -10 फ़्लैश कार्ड का निर्माण कीजिए। • प्रत्येक व्यक्ति के जीवन में कुछ घटनाएँ उन्हें निराशा की ओर ले जाती हैं। यदि अपने भी ऐसी किसी घटना का सामना किया है, तो आप उससे किस प्रकार उभरे ? उसका विवरण कक्षा में प्रस्तुत कीजिए।
शिक्षण उद्देश्य	<ul style="list-style-type: none"> • पाठों का भावानुकूल वाचन करने की क्षमता विकसित करना व पाठों में वर्णित पात्रों एवं स्थितियों से स्वयं को जोड़ते हुए कल्पना शक्ति के आधार पर विषय को आगे बढ़ाना। • ईमानदार व कर्तव्यनिष्ठ बनने की प्रेरणा देना। • पाठ में आए नए-नए शब्दों को समझकर उनका अर्थ सुनिश्चित करना।

अगस्त-सितम्बर

पाठ्य पुस्तक वसंत भाग-3	7. कबीर की साखियाँ 9. जहाँ पहिया है (रिपोतार्ज)
कहानी संचय	5. गाँव के गुणी राम 6. अनोखा सेनापति
महक हिंदी व्याकरण	विराम चिह्न , अलंकार , प्रार्थना पत्र ।
रचनात्मक गतिविधियाँ	<ul style="list-style-type: none"> • गाँव के गुणीराम पाठ का नाटकीय रूपांतरण कक्षा में प्रस्तुत कीजिए। • महिला सशक्तिकरण से संबंधित समाचार पत्रों में दी गई विभिन्न रिपोर्टों का सचित्र संकलन तैयार कीजिए।
शिक्षण उद्देश्य	<ul style="list-style-type: none"> • साखियों में निहित गूढ़ अर्थ के माध्यम से विद्यार्थियों में नैतिक मूल्यों का विकास करना। • अपने पेशे व व्यवसाय के प्रति न्यायपूर्वक समर्पित होने हेतु गहरी सोच उत्पन्न करना। • विद्यार्थियों को रिपोतार्ज विधा का परिचय देना व आँखों देखी घटनाओं को कल्पना शक्ति के माध्यम से लिखने के लिए प्रेरित करना। ।

अर्द्धवार्षिक परीक्षा

द्वितीय सत्र (अक्टूबर- मार्च)

अक्टूबर

पाठ्य पुस्तक वसंत भाग-3	6. यह सबसे कठिन समय नहीं (कविता) 8. सुदामा चरित
कहानी संचय	7. जादुई शंख 8. मन की कोमलता
महक हिंदी व्याकरण	समास , अव्यय (क्रिया-विशेषण) , पर्यायवाची शब्द , प्रत्यय , कार्यालयी पत्र- शिकायती पत्र।
रचनात्मक गतिविधियाँ	<ul style="list-style-type: none"> • 23 अक्टूबर के दिन देशभर में पोलियो से सम्बंधित जागरूकता फैलाने के लिए पोलियो दिवस मनाया जाता है। पोलियो , डेंगू मलेरिया, हैजा आदि व्याधियों पर जागरूकता हेतु सचित्र पोस्टरों का निर्माण कीजिए। • श्री कृष्ण और सुदामा की मित्रता सदैव ही आदर्श रूप में चित्रित की जाती है। उनकी मित्रता से सम्बंधित दोहो का सस्वर गायन करवाया जाएगा।
शिक्षण उद्देश्य	<ul style="list-style-type: none"> • गति, लय, आरोह-अवरोह एवं प्रवाह के साथ कविता का सस्वर वाचन करना व विद्यार्थियों को संघर्षमय जीवन जीने के लिए प्रेरित करना।

	<ul style="list-style-type: none"> व्याकरणिक इकाइयों के बारे में ज्ञान प्रदान करना व उन्हें लेखन कार्य में प्रयोग करवाना।
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नवम्बर	
पाठ्य पुस्तक वसंत भाग-3	10. अकबरी लोटा 11. सूरदास के पद
कहानी संचय	9. प्रतिबिम्ब 10. भूख का भय
महक हिंदी व्याकरण	अनेक शब्दों के लिए एक शब्द, रचना के आधार पर वाक्य भेद, लोकोक्तियाँ।
रचनात्मक गतिविधियाँ	<ul style="list-style-type: none"> किन्हीं चार धार्मिक स्थलों से सम्बन्धित सचित्र परियोजना तैयार कीजिए। 'गृहकार्य देना उचित या अनुचित' विषय पर कक्षा में वाद-विवाद करवाया जाएगा।
शिक्षण उद्देश्य	<ul style="list-style-type: none"> पाठों में आए सामाजिक एवं संवेदनशील मुद्दों को समझना व उन पर सामूहिक परिचर्चा करना। विभिन्न संदर्भों में लेखन कार्य करते समय वाक्य संरचनाओं, मुहावरों का उचित प्रयोग करना।

दिसम्बर	
पाठ्य पुस्तक वसंत भाग-3	12. पानी की कहानी
कहानी संचय	11. भाग्य का खेल 12. मंत्र- तंत्र
महक हिंदी व्याकरण	श्रुतिसमभिन्नार्थक शब्द, विज्ञापन लेखन, ।
रचनात्मक गतिविधियाँ	<ul style="list-style-type: none"> जैविक अनाज की जागरूकता से सम्बंधित आकर्षक विज्ञापन का निर्माण कीजिए। 'जल की महत्वता' से सम्बंधित कविता का संग्रहण करके कक्षा में मौखिक रूप में प्रस्तुत कीजिए।
शिक्षण उद्देश्य	<ul style="list-style-type: none"> कहानी, निबंध आदि पढ़कर लेखन के विविध तरीको और शैलियों की पहचान करना। जैसे वर्णनात्मक, भावनात्मक, मूल्यपरक इत्यादि । वर्तनी को ध्यान में रखते हुए स्वनियंत्रित लेखन कार्य करना। प्राकृतिक सौंदर्य से परिचित कराना ।

जनवरी	
पाठ्य पुस्तक वसंत भाग-3	13. बाज और साँप
महक हिंदी व्याकरण	कार्यालयी पत्र संपादक के - नाम, अनुच्छेद- समसामयिक विषयों पर।
रचनात्मक गतिविधियाँ	<ul style="list-style-type: none"> • कहानी लेखन निम्नलिखित कहानी को अपनी कल्पना शक्ति के आधार पर पूर्ण कीजिए । एक दिन एक मनुष्य मंदिर में दर्शन करने आया। उसके कपड़े मैले और फटे हुए थे। वह बहुत पढ़ा-लिखा भी नहीं जान पड़ता था। जब वह भगवान् का दर्शन करके जाने लगा तब धनी पुरुष ने उसे अपने पास बुलाया और कहा - 'क्या आप इस मंदिर की व्यवस्था सँभालने का काम स्वीकार करेंगे ? उसने नजर उठा कर देखा तो उसकी नजर मंदिर के कोने में पड़ी.....
शिक्षण उद्देश्य	<ul style="list-style-type: none"> • कहानी के माध्यम से नैतिक मूल्यों को समझना व उनका अनुप्रयोग करना । • विद्यार्थियों में निडर व साहसी बनने की भावना विकसित करना • भाषा गत बारीकियों को ध्यान में रखना, लेखन में विराम चिह्नों का सही प्रयोग, विशेषण शब्दों की पुनरावृत्ति वचन वाच्य आदि के प्रति सचेत रहना ।
फरवरी-मार्च	पाठ्यक्रम पुनरावृत्ति वार्षिक परीक्षा

प्रथम इकाई परीक्षा		द्वितीय इकाई परीक्षा	
<u>पाठ्य पुस्तक वसंत</u> <u>भाग-3</u>	<u>व्याकरण</u>	पाठ्य पुस्तक वसंत भाग-3	व्याकरण
<ol style="list-style-type: none"> 1. लाख की चूड़ियाँ 2. बस की यात्रा 	<ul style="list-style-type: none"> • वर्ण विचार(वर्ण विच्छेद) • विशेषण • उपसर्ग • विलोम शब्द • पत्र • अपठित गद्यांश 	<ol style="list-style-type: none"> 6. यह सबसे कठिन समय नहीं (कविता) 10. अकबरी लोटा कहानी संचय 7. जादुई शंख 	<ul style="list-style-type: none"> • अव्यय (क्रिया-विशेषण) • पर्यायवाची शब्द • प्रत्यय • पत्र • अपठित गद्यांश
<u>कहानी संचय</u>			
<ol style="list-style-type: none"> 1. नहले पर दहला 			

संस्कृतस्य-पाठ्यक्रमः 2024-25

कक्षा - अष्टमी

मास	संस्कृत पाठ्य-पुस्तकम् भाग-3 दिव्यम्	संस्कृत-व्याकरणम् भाग-3 दिव्यम्
अप्रैल-मई	प्रार्थना प्रथमः पाठः- स्वास्थ्यैव धमन् द्वितीयः पाठः- पुनर्मूषको भव तृतीय पाठः- अपूर्वः त्यागः दैनन्दिनप्रयोगाय शब्दावली	1. वर्ण-विचारः 2. स्वर-सन्धि (दीर्घ, गुण, वृद्धिः, चण्, अयादि) 3. कारकाः उपपद विभक्तयः च 16. चित्र-वर्णनम् 17. अपठित-अनुच्छेद
जुलाई	चतुर्थः पाठः- तुलस्याः महत्ता पञ्चमः पाठः- पीयूष-विन्दवः	4. लिङ्ग निर्धारणम् 5. शब्दरूपाणि (बाल, लता, मुनि, किम्) 6. संख्यावाचि शब्दाः (1-100) 7. धातुरूपाणि - नम्, पच्, हस्, खाद्, पठ्
अगस्त	षष्ठः पाठः- चाणक्य चन्द्रगुप्तः च सप्तमः पाठः- वासुदेवस्य दूतकर्म अष्टमः पाठः- अमूल्य समयः	8. उपसर्गाः अव्ययाः च 9. समय-लेखनम् 10. प्रत्ययाः (क्त्वा, तुमुन्, ल्यप्)
सितम्बर	पुनरावृत्ति एवं अर्धवार्षिकी परीक्षा। नोट * अर्धवार्षिकी परीक्षा में अप्रैल-अगस्त पाठ्यक्रम होगा।	
अक्तूबर	नवमः पाठः- पर्यावरण रक्षकाः दशमः पाठः- लोभः पापस्य कारणम् एकादशः पाठः- भारतीयाः नार्यः	5. शब्द-रूपाणि-साधु, मातृ, पितृ, अस्मद् युष्मद् 7. धातु रूपाणि - गम्, क्रीड्, दा, स्मृ 2. सन्धि (व्यञ्जन सन्धि-जशत्व, अनुस्वार विसर्ग सन्धि)

नवम्बर	द्वादशः पाठः— गीतायाः माहात्म्यम् त्रयोदशः पाठः— सन्मित्रम् चतुर्दशः पाठः— राजा भोजः	9. समास—परिचयः(अव्ययीभावः, द्वन्द्व समासः च) 11. प्रत्ययाः (क्त, क्तवतु) 14. पत्र—लेखनम् 15. विविधाः संवादाः 12. अशुद्धि—संशोधनम्
दिसम्बर	पञ्चदशः पाठः— अविस्मरणीया गोवायात्रा षोडशः पाठः— समशीलेषु विभाति मैत्री	13. वाच्य—परिवर्तनम् 14. अशुद्धि—संशोधनम्
प्रथम इकाई परीक्षा पाठ्यक्रमः—	दिव्यम् भाग—3 पाठ—1, 2, 3	व्याकरण — अपठित — अनुच्छेद, चित्र—वर्णनम् वर्ण—विचारः, स्वर सन्धि संख्या (1—100)
द्वितीय इकाई परीक्षा पाठ्यक्रमः	दिव्यम् भाग—3 पाठ — 4, 5, 6	व्याकरण — अपठित — अनुच्छेद, लिङ्ग—निर्धारण, धातुरूपाणि, उपसर्गाः अव्ययाः च, समय—लेखनम्, प्रत्ययाः (क्त्वा, ल्यप्, तुमुन्
तृतीय इकाई परीक्षा	दिव्यम् भाग — 3 पाठ — 9, 10, 12	पत्र—लेखनम्, संवाद, धातुरूपाणि, व्यञ्जन सन्धि, विसर्ग सन्धि अशुद्धि—संशोधनम्।

नोट— वार्षिक परीक्षा में अप्रैल—दिसम्बर तक का सम्पूर्ण पाठ्यक्रम आएगा।

CLASS - VIII
MATHEMATICS SYLLABUS
(2024-2025)

TERM - I (APRIL - SEPTEMBER)	
MONTH	NAME OF THE CHAPTER / TOPIC
April & May	Ch-1 Rational Numbers Ch-2 Linear Equations in one Variable Ch-3 Understanding Quadrilaterals <u>Learning Outcomes:</u> The learner will be able to i) Generalises properties of Rational numbers. ii) Solve problem based on linear equation in one variable. iii) Generalises properties of different types of quadrilaterals. <u>Creative Skill:</u> i) Play with number game, picture /card game. ii) Solve puzzles related to linear equation in one variable. iii) Game of kites (quadrilaterals) – A role play/story in mathematics.
July	Ch-4 Data Handling Ch-5 Squares & Square Roots <u>Learning Outcomes:</u> The learner will be able to i) Draw and interpret Pie chart ii). Find square and square roots of numbers using different methods. <u>Creative Skill:</u> i) Draw the square on a graph paper and count them.
August	Ch-6 Cubes and Cube Roots Ch-10 Exponents and Power <u>Learning Outcomes:</u> i) Find cube and cube root of a number by Vedic maths trick. i) Solves problems with integral exponents. iii) Express numbers in standard form. <u>Creative Skill:</u> i) Find the dimension of the side of a cube when volume is given. ii) Solve real - world problems using exponents & powers
September	REVISION / MID TERM EXAMINATION
PERIODIC TEST – I	
Ch-1 Rational Number Ch-2 Linear Equations in one Variable Ch-3 Understanding Quadrilaterals	

Lab Activities (Term - I)

1. To verify that the sum of Interior angles of a quadrilateral is 360^0 by paper cutting and pasting.
2. To verify that the sum of measures of the exterior angles of any polygon is 360^0 by paper cutting and pasting method.
3. Using stretched threads, verify that
 - a) the diagonals of a rectangle are equal in length.
 - b) the diagonals of a square are equal in length.
 - c) the diagonals of a rhombus and a parallelogram are not equal.

TERM - II (OCTOBER - MARCH)

MONTH	NAME OF THE CHAPTER / TOPIC
October	<p>Ch-8 Algebraic Expressions and Identities Ch-12 Factorization</p> <p><u>Learning Outcomes:</u></p> <ol style="list-style-type: none">i) Uses various algebraic identities in solving problems of daily life.ii) Find the errors in mathematical statement and correct it. <p><u>Creative Skill:</u></p> <ol style="list-style-type: none">i) Verify $(a+b)^2 = a^2 + b^2 + 2ab$.ii) Cross Word based on factorization.
November	<p>Ch- 9 Mensuration Ch-11 Direct and Inverse Proportions</p> <p><u>Learning Outcomes:</u></p> <ol style="list-style-type: none">i) Estimates the area of shapes like trapezium and other polygon by using square grid/graph sheet and verifies using formulas.ii) Solves problems based on direct and inverse proportion.iii) Represent 3D shapes on a plane surface such as sheet of paper, black board etc. <p><u>Creative Skill:</u></p> <ol style="list-style-type: none">i) Dividing a circular region into small sectors and arranging them in the form of rectangle and finding the area of circle.ii) Real life example: Direct and inverse proportions.

<p>December</p>	<p>Ch – 7 Comparing Quantities Ch – 13 Introduction to graphs</p> <p><u>Learning Outcomes:</u></p> <p>i) Reinforce the concept of percentage and its application . ii) Find the selling price of an article when discount or rebate is offered .</p> <p>i) Draw and interpret Pie chart ii) Identify different types of graphs.</p> <p><u>Creative Skill:</u></p> <p>i) Solve puzzle on comparing quantities. ii) Collect the data related to birth month of each student of your class & represent it by a graph.</p>
<p>February & March</p>	<p>REVISION / ANNUAL EXAMINATION</p>
<p>PERIODIC TEST - II</p>	
<p>Ch – 8 Algebraic Expressions and identities Ch – 9 Mensuration Ch – 12 Factorisation</p>	
<p><u>Lab Activities (Term - II)</u></p>	
<ol style="list-style-type: none"> 1. To verify the formula $a^2 - b^2 = (a+b)(a-b)$ 2. To verify the formula $(a + b)^2 = a^2 + b^2 + 2ab$ by activity method. 3. To verify the formula $(a-b)^2 = a^2 - 2ab + b^2$ 4. To derive the formula for the total surface area of a cuboid. 5. To derive the formula for the lateral surface area of a right circular cylinder by cutting and pasting of a paper. 	

SCIENCE

CLASS - VIII

TERM - I (APRIL TO SEPTEMBER)	
MONTHS	NAME OF THE CHAPTER
April & May	Ch – 1 Crop Production and Management Ch- 3 Coal and Petroleum Ch - 8 Force and Pressure <u>Learning Outcomes-</u> <ul style="list-style-type: none"> • . To know about different agricultural practices. • To know about the importance of Crop Rotation. • To understand the importance of Bio control methods. • Classify exhaustible and inexhaustible resources. • Understand the process of refining petroleum • To learn about various types of forces by giving examples from daily life. • Identify the relation between force, area and pressure. <u>Activity</u> – 1.To show that atmospheric air exerts pressure. 2. To show the increase in pressure exerted by a liquid at greater depths.
July	Ch -2 Micro Organisms : Friend or Foe Ch - 9 Friction <u>Learning Outcomes</u> – <ul style="list-style-type: none"> • To know about different types of Microorganisms • Explore the role of useful and harmful microorganisms in our daily life. • To learn the friction between smooth and rough surface. • To learn about types of friction • To know about the types of charges and their interaction. <u>Activity</u> – – 1.To show the fermentation of dough. 2.To collect and display pictures of some sports and actions where friction is necessary.
August	Ch -7 Reaching the age of adolescence Ch-12 Some Natural Phenomenon <u>Learning Outcomes</u> – <ul style="list-style-type: none"> • To bring and create awareness about changes observed during adolescence. • To develop confidence and acceptance towards adolescence changes in physical structure of body. • To share information about personal hygiene. <u>Activity</u> – <ul style="list-style-type: none"> • Make a Project on the role of different types of hormones at the age of adolescence. • Role play (Different glands present in Human Body)

September	REVISION / MID TERM EXAMINATION
PERIODIC TEST – I	
Ch -1	Crop Production and Management
Ch -3	Coal and Petroleum
Ch – 8	Force and pressure
<u>LAB ACTIVITIES (TERM - I)</u>	
<ol style="list-style-type: none"> 1. To study the slides of various microorganisms. 2. To prove that liquids exert the same pressure in all directions at a given depth. 3. To measure the weight of an object by spring balance. 4. To separate healthy seeds for sowing. 	
TERM - II (OCTOBER TO MARCH)	
MONTHS	NAME OF THE CHAPTER
October	Ch – 4 Combustion and Flame Ch – 6 Reproduction in Animals <u>Learning Outcomes</u> – <ul style="list-style-type: none"> • To learn about the calorific values of different fuels and their uses at various place. • To conduct simple investigation on conditions required for combustion. • Explain the process of asexual reproduction. • To understand process of reproduction in humans & animals Activity –1. Make a Project report on “IVF”. 2. Slogan on “burning of fuels leads to harmful by-products”.
November	Ch- 5 Conservation of plants and Animals Ch - 10 Sound <u>Learning Outcomes</u> – <ul style="list-style-type: none"> • To understand the importance of Conservation of Wild life. • To understand about different waves and frequency of sounds heard by humans and animals. <ul style="list-style-type: none"> • Activity – 1. To understand the importance of Conservation of Wild life. 2. Make a Project Report on Endangered Species with colorful pictures

December	Ch – 13	Light
	<p><u>Learning Outcomes</u> –</p> <ul style="list-style-type: none"> • To Identify the characteristics of image formed by plane mirror. • To Explain the process for formation of multiple images • To learn laws of reflection • To understand the structure of Eye. 	
January	Ch – 11 Chemical Effects of Electric current	
	<p><u>Learning Outcomes</u> –</p> <ul style="list-style-type: none"> • Classify the liquids as good conductors and poor conductors. • Define the terms: Electrodes , Cathode and Anode. • Draw and set up Electric Circuits for testing Conductivity of various liquids. <p>Activity- . To demonstrate Current generation through potato</p>	

February & March	REVISION ANNUAL EXAMINATION	
	PERIODIC TEST– II	
Ch – 4	Combustion and Flame	
Ch – 6	Reproduction in Animals	
Ch – 10	Sound	
<u>LAB ACTIVITIES (TERM - II)</u>		
<ol style="list-style-type: none"> 1. To find the frequency and time period of the simple pendulum. 2. To study the process of Electroplating . 3. To show that a substance does not start burning as long as its temperature is lower than its ignition temperature. 4. To find number of images formed by two plane mirrors kept at different angles(0°, 30°, 45°, 60°, 90°) 		

Social Science syllabus

2024-25

Class- VIII

TERM -I (April to September)

MONTH	SUBJECT	TOPIC
APRIL	History	Ch-1 : How ,When and Where
	Geography	Ch-1 : Resources
	Civics	Ch-1 : The Indian Constitution
	Learning Outcomes- <ul style="list-style-type: none">• To familiarize the students with the difference between the modern period and medieval period and the ancient periods through the use of sources, nomenclatures used for various regions of the India subcontinent and the broad developments.• Explain how the east India company became the most dominant power and how their rule expanded.• To encourage judicious use of natural resources such as water, soil, forest etc.• Explain the importance of fundamental rights and fundamental duties with appropriate examples.	
MAY	Geography	Ch-2: Land, soil, water, Natural vegetation and wildlife
	Civics	Ch-2 : Understanding secularism
	Learning Outcomes- <ul style="list-style-type: none">• Describe causes of forest fire, landslide, industrial disasters and their risk reduction measures.• Sensitize students with the concept of secularism and why India is called a secular state. MAP WORK- Major land use pattern across the world.	
JULY	History	Ch -2: From Trade to Territory Ch- 3: Ruling the Countryside

	Civics	Ch-3: Why do we need a parliament ?
	<p><u>Learning Outcomes-</u></p> <ul style="list-style-type: none"> • To understand the growth of colonial army and civilian. • To know the rise of the political power of East India company • To enable the students to differentiate between state government and union government and describing the process of election to the Lok Sabha. <p><u>Activities –</u></p> <ul style="list-style-type: none"> • Flowchart making showing composition of parliament. <p>MAP WORK- British territories in Indian subcontinent in 1840.</p>	
AUGUST	History	Ch-4 : Tribals , Dikus and the vision of golden age
	Geography	Ch-3: Agriculture
	Civics	Ch-4 : Judiciary
	<p><u>Learning Outcomes-</u></p> <ul style="list-style-type: none"> • Discuss the life of tribal people during British era. • Explain the policies of the colonial administration towards the tribal communities. • To enable students to identify and explain the various factors affecting agriculture. • enable students to understand the concept of judiciary. <p>MAP WORK- major producers of wheat, rice, cotton ,jute ,tea and coffee.</p>	
SEPTEMBER	<u>REVISION / MID TERM EXAMINATION</u>	
<u>PERIODIC TEST – I</u>		
HISTORY	Ch-1 How, when and where	
GEOGRAPHY	Ch-1 Resources	
CIVICS	Ch-1 The Indian constitution	

TERM -II (October – March)

OCTOBER	History	Ch-5: When people Rebel
	Geography	Ch-4: Industries
	Civics	Ch-5: understanding marginalisation
	<u>Learning Outcomes-</u> <ul style="list-style-type: none">• To understand the origins, nature and spread of the revolt of 1857 as the first war of independence against Britishers.• To enable students in identification of various industries on the basis of raw materials, size and ownership and identifying the factors required for location of industries and distribution of major industries.• Creating awareness about laws for marginalized section of society. <u>Activities –</u> <ul style="list-style-type: none">• Discussion on causes of marginalisation and methods to eradicate such (social and economic) differences from society. MAP WORK- Major industrial regions of India.	
NOVEMBER	<u>History</u>	<u>Ch-6: Civilizing the native, educating the nation</u>
	<u>Geography</u>	<u>Ch-5: Human Resources</u>
	<u>Civics</u>	<u>Ch 6: Confronting Marginalisation</u>

	<p><u>Learning Outcomes-</u></p> <ul style="list-style-type: none"> ● <u>To</u> explain the institutionalization of the new education system in India and compare it with Basic Education of Gandhi. ● <u>To</u> differentiate between population growth and population change and to understand how humans contribute in Nations development. ● Realize the problems faced by marginalized groups like musahars, Adivasis, etc . <p><u>Activities –</u></p> <ul style="list-style-type: none"> ● Prepare a comparative report on transformation of Indian education system from ancient period till now. <p>MAP WORK- Important centres of national movement.</p>	
DECEMBER	<p><u>History</u></p>	<p><u>Ch-7: women, caste and reform</u></p>
	<p><u>Civics</u></p>	<p><u>Ch-7: Public Facilities</u></p>
	<p><u>Learning Outcomes-</u></p> <ul style="list-style-type: none"> ● To describe the paradigm shift in the status of women from 18th century till present and familiarizing the students with the contribution of different reformers in the upliftment of status of women. ● To aware the students about the facilities provided by the government such as sanitation, road, electricity etc. <p>MAP WORK- centres of socio-religious reform movements.</p>	
JANUARY	<p><u>History</u></p>	<p><u>Ch-8: The Making of National Movement 1870s-1947</u></p>
	<p><u>Civics</u></p>	<p><u>Ch-8: Law and Social Justice</u></p>
	<p><u>Learning Outcomes-</u></p> <ul style="list-style-type: none"> ● To outline the course of the Indian national movement from 1870s till independence on time line and analyse the significant development in the process of nation building. ● To apply the knowledge of the different laws for environment protection and to find out about their violation protection and promotion in a given situation. <p>MAP WORK- important sessions of Indian National Congress</p>	

FEBRUARY/ MARCH	<u>REVISION / ANNUAL EXAMINATION</u>
<u>PERIODIC TEST – II</u>	
HISTORY	Ch- 5 When people rebel
GEOGRAPHY	Ch- 5 Industries
CIVICS	Ch- 5 Understanding Marginalisation

COMPUTER SKILLS		
MID-TERM (APRIL – SEPTEMBER)		
MONTH	CHAPTER NAME (THEORY)	LAB SKILLS
APRIL & MAY	Ch-1 Networking Concepts <ul style="list-style-type: none"> • Networking • Advantages of Networking • Disadvantages of Networking • Networking Components • Wireless Networking • Types of Networks • Network Topologies • Network Security Ch-4 Iterative Statements in Python <ul style="list-style-type: none"> • Operators • Types of Control Structures • Conditional Statements • Concept of Loops • Iterative Statements • For, While, else in and Infinite Loops 	Ch- Iterative Statements in Python
JULY	Ch-3 Emerging Trends <ul style="list-style-type: none"> • Big Data • Blockchain • Augmented Reality (AR) • Virtual Reality (VR) • Mixed Reality (MR) • Extended Reality (XR) • Expert System • Edge Computing Ch- India Shaping World Industries	Ch- Iterative Statements in Python Page No.- 133
AUGUST	Ch-2 Cyber Ethics <ul style="list-style-type: none"> • Cybercrime • What is Cyber Ethics • Unethical Practices • Computer and Internet Safety Measures • Digital Footprints • Netiquette Ch- Cyber Ethics: Your Personal Information is Valuable	Ch – More on HTML 5 Page No.- 135
SEPTEMBER	Worksheet- 1& REVISION	Page No. -42

ANNUAL(OCTOBER-FEBRUARY)		
OCTOBER	Ch-5 More on HTML 5 <ul style="list-style-type: none"> • Revising HTML tags • Lists • List properties • Nested List • Description List • Tables • Table Properties • Inserting Images in a Table 	Ch- More on HTML 5
NOVEMBER	Ch- 6 Links & Frames in HTML <ul style="list-style-type: none"> • Linking Web Pages • Audio and Video • Frames Ch- AI Powered Mobile Apps	Ch- Links & Frames in HTML Page No.- 134
DECEMBER	Ch-7Introduction to App Development <ul style="list-style-type: none"> • Apps • Types of Apps • Classification of Mobile Apps • Uses of Common Apps • Downloading and Installing an App • Developing Your Own App 	Ch- Links & Frames in HTML
JANUARY	Ch-8 Introduction to Robotics <ul style="list-style-type: none"> • History of Robots • Robot Vs Automatic Machines • Types & Components of Robots • Introduction to Robotics • Robotics and Artificial Intelligence 	Ch- Links & Frames in HTML
FEBRUARY	Worksheet-2 Worksheet- 3 & Revision	Page No.-117 Page No.-127
<p><u>PERIODIC TEST-1 SYLLABUS</u> Chapter- 2, 3 and Worksheet – 1</p> <p><u>PERIODIC TEST-2 SYLLABUS</u> Chapter- 7, 8 and Worksheets – 2 & 3</p>		

LIFE SKILLS SYLLABUS (2024-25)

CLASS VIII

APRIL & MAY	Chapter 1- God's Love Chapter 2- Sharing Chapter 3- Adolescence
JULY	Chapter 4- Right Choices in Life Chapter 5- Passion
AUGUST	Chapter 6- Everyone is Equal
SEPTEMBER	Chapter 7- Contentment
OCTOBER	Chapter 8- Money Management
NOVEMBER	Chapter 9 – Strive for Excellence Chapter 10- Caring for the Old
DECEMBER	Chapter 11- Patriotism Chapter 12- Optimism
JANUARY	Chapter 13- Yoga and Health

Music Syllabus (2024-25)

Class 8th

Ist Term: April to September

THEORY

- Detailed Study of Indian Folk Music
- Taal Parichay – Jhaptaal (Theory)
- Raag Vrindavani Sarang (Raag Parichay)

PRACTICAL

- Raag Vrindavani Sarang Based Bandish/Composition
- Jhaptaal Hand Demonstration at various Tempo
- Patriotic Song



IInd Term: October to March

THEORY

- Elements of Vocal Training (Murki, Khatka, Meend)
- Project on Indian Classical Music Instruments
- Raag Parichay- Raag Des

PRACTICAL

- Raag Des Based Bandish/Composition
- Western Song
- Patriotic Song

CLASS-VIII		 ART EDUCATION 		2024-2025
APRIL TO SEPTEMBER				
SKETCHING SKILL		<ul style="list-style-type: none"> • Still Life • Nature Study / Composition • Symbol design in Calligraphy form • Perspective(Landscape / cityscape) 		
COLOURING SKILL		<ul style="list-style-type: none"> • Pencil \ Colour Pencil Shading • Poster Colour \ Oil Pastel shading • Artist's Texture 		
CRAFT WORK		<ul style="list-style-type: none"> • Pot \ Box Design • Quilling Art • 3D Paper Craft 		
INOVATIVE WORK		<ul style="list-style-type: none"> • Folk Art • Warli Art • Nail Art • 3D Art 		
LEARNING OUTCOMES		<ul style="list-style-type: none"> • Developing sense of visual art • To strengthen Basic strokes pigment 		
OCTOBER TO FEBRUARY				
SKETCHING SKILL		<ul style="list-style-type: none"> • Cartoon Drawing • Human Anatomy / Portrait 		
COLOURING SKILL		<ul style="list-style-type: none"> • Complementary Colour • Collage / Colour Pens Shading 		
CRAFT WORK		<ul style="list-style-type: none"> • Mehandi / Rangoli Design • T-Shirt Design 		
INOVATIVE		<ul style="list-style-type: none"> • Pot Design • Poster Design 		
LEARNING OUTCOMES		<ul style="list-style-type: none"> • To strengthen Basic strokes pigment • To develop craft skills 		

SYLLABUS FOR 2024-2025
SUBJECT-DANCE
CLASS-VIII

TERM 1 (APRIL-SEPTEMBER)

- ❖ Bhoomi parnam
- ❖ Guru shloka (theory + practical)
- ❖ Shiva shloka (theory+ practical)
- ❖ THEORY:
 - Devdasi system
 - Tandav & lasya
 - Knowledge about books on classical dance
- PRACTICAL:
 - Shimir adavu
 - Jatiswaram on music piece
 - Western dance

TERM 2 (OCTOBER -FEBRUARY)

- ❖ THEORY :
 - Shiro bheda
 - Explain the term taal
 - Define the term classical dance
- ❖ PRACTICAL:
 - Mandi adavu
 - Utplavana adavu
 - Western dance

SPORTS SYLLABUS (CLASS-VIII) 2024-25

TERM I	TERM II
*CHAKRASNA,VAJRASANA	*PRANAYAMA,BHUJANGASANA
* KABADDI (FOOTWORK)	* KABADDI (DEFENSIVE SKILLS)
* LAYOUT OF THE KABADDI	* GENERAL RULES OF THE GAME.
* VERTICAL JUMP	* WALL BALL TOSS ACTIVITY
* RELAY RACE	* SUMO SQUADS
LEARNING OUTCOMES	LEARNING OUTCOMES
1. TO LEARN LOCOMOTOR SKILL	1. TO IMPROVE BODY BALANCE.
2. TO ENHANCE CONCENTRATION LEVEL.	2. TO DEVELOP COORDINATION.