

BAL BHARATI PUBLIC SCHOOL, KHANDWA

CLASS – VII

SUBJECT: - ENGLISH

MONTH	TOPIC	LEARNING OUTCOMES/SKILL DEVELOPMENT
April	LITERATURE: ➤ Chapter 1 Learning the Game ➤ Chapter 2 Be the Best of Whatever You Are GRAMMAR: ➤ Chapter 1 The Sentence ➤ Chapter 2 Nouns	➤ To understand and comprehend the written text ➤ To enhance reading skills ➤ To develop basic understanding of new words being introduced and to be able to use them in day-to-day communication ➤ To be able to use the dictionary effectively ➤ To understand the structure of sentence ➤ To understand nouns and its types
June	LITERATURE: ➤ Chapter 3 Malgudi cricket club GRAMMAR: ➤ Chapter 3 Pronouns ➤ Chapter 4 Adjectives	➤ To understand and comprehend the written text ➤ To enhance reading skills ➤ To develop basic understanding of new words being introduced and to be able to use them in day-to-day communication ➤ To understand pronouns and its types ➤ To understand adjectives and its types
July	LITERATURE: ➤ Chapter 4 On the grasshopper and the cricket ➤ Chapter 5 Binya's Blue umbrella GRAMMAR: ➤ Chapter 5 Adverbs ➤ Chapter 6 Articles ➤ Chapter 7, 8 – Tenses ➤ Topic – Notice Writing	➤ To understand and comprehend the written text ➤ To enhance reading skill ➤ To develop basic understanding of new words being introduced and to be able to use them in day-to-day communication ➤ To understand different kinds of adverbs and understand the concept and usage of adverbs ➤ To develop a basic understanding of tenses ➤ To enhance creative writing skills
August	LITERATURE: ➤ Chapter 6 Somebody's mother ➤ Chapter 7 Bright Spark GRAMMAR: ➤ Chapter 9 Perfect Tenses ➤ Chapter 10 Modals and Auxiliaries ➤ Chapter 11 Nonfinite verbs	➤ To understand and comprehend the written text ➤ To enhance reading skills ➤ To develop basic understanding of new words being introduced and to be able to use them in day-to-day communication ➤ To understand the concept of tenses: perfect form ➤ To understand modal auxiliaries as well as nonfinite verbs as a complex concept

September	<p>LITERATURE:</p> <ul style="list-style-type: none"> ➤ Chapter 8 Gravity <p>GRAMMAR:</p> <ul style="list-style-type: none"> ➤ Chapter 12 Transitive and Intransitive verbs ➤ Chapter 13 Active and Passive Voice 	<ul style="list-style-type: none"> ➤ To understand and comprehend the written text ➤ To enhance reading skills ➤ To develop basic understanding of new words being introduced and to be able to use them in day-to-day communication ➤ To be able to distinguish between transitive and intransitive verbs ➤ To learn the use and purpose of active and passive voice
October	<p>LITERATURE:</p> <ul style="list-style-type: none"> ➤ Chapter 9 The Face on the Wall ➤ Chapter 10 As I grew older <p>GRAMMAR:</p> <ul style="list-style-type: none"> ➤ Chapter 14 Subject verb agreement ➤ Chapter 15 Prepositions ➤ Chapter 16 Conjunctions 	<ul style="list-style-type: none"> ➤ To understand and comprehend the written text ➤ To enhance reading skills ➤ To develop basic understanding of new words being introduced and to be able to use them in day-to-day communication ➤ To understand the concept of subject verb agreement ➤ To understand parts of speech and use them effectively
November	<p>LITERATURE:</p> <ul style="list-style-type: none"> ➤ Chapter 11 Indian Classical Dance Forms ➤ Chapter 12 My lost dollar <p>GRAMMAR:</p> <ul style="list-style-type: none"> ➤ Chapter 17 Interjections ➤ Chapter 18 Punctuation ➤ Chapter 19 Direct and Indirect Speech 	<ul style="list-style-type: none"> ➤ To understand and comprehend the written text ➤ To enhance reading skills ➤ To develop basic understanding of new words being introduced and to be able to use them in day-to-day communication ➤ To understand the difference between direct and indirect speech ➤ To understand the importance of punctuation
December	<p>LITERATURE:</p> <ul style="list-style-type: none"> ➤ Chapter 13 All the world's a stage ➤ Chapter 14 The Holy Panchayat <p>GRAMMAR:</p> <ul style="list-style-type: none"> ➤ Chapter 20 Transformation of sentences ➤ Chapter 21 Kinds of phrases ➤ Chapter 22 Clauses 	<ul style="list-style-type: none"> ➤ To understand and comprehend the written text ➤ To enhance reading skills ➤ To develop basic understanding of new words being introduced and to be able to use them in day-to-day communication ➤ To be able to transform sentences as directed ➤ To learn the meaning and concept of clauses
January	<p>LITERATURE:</p> <ul style="list-style-type: none"> ➤ Chapter 15 The case 	<ul style="list-style-type: none"> ➤ To understand and comprehend the written text ➤ To enhance reading skills

	<p>of the Scientist's Missing Papers</p> <ul style="list-style-type: none"> ➤ Chapter 16 Shillong- the rock capital of India <p>GRAMMAR:</p> <ul style="list-style-type: none"> ➤ Chapter 23 Kinds of clauses ➤ Topic- letter writing, narrative writing 	<ul style="list-style-type: none"> ➤ To develop basic understanding of new words being introduced and to be able to use them in day-to-day communication ➤ To learn the different types of clauses ➤ To enhance creative writing skills
February	<p>GRAMMAR:</p> <ul style="list-style-type: none"> ➤ Chapter 24 Simple compound and complex sentences ➤ Chapter 25 Synthesis of sentences 	<ul style="list-style-type: none"> ➤ To be able to use and identify different sentences both in written as well as spoken English ➤ To learn the concept of synthesized sentence

SUBJECT – HINDI

MONTH	TOPIC	LEARNING OUTCOMES/SKILL DEVELOPMENT
April	<p>नई आशाएं</p> <ul style="list-style-type: none"> ➤ पाठ 1 : हम पंछी उन्मुक्त गगन के ➤ पाठ 2 : हिमालय की बेटियां <p>व्याकरण</p> <ul style="list-style-type: none"> ➤ पाठ 1 : भाषा, बोली, लिपि और व्याकरण 	<ul style="list-style-type: none"> ➤ छात्र पशु – पक्षियों की स्वतंत्रता की भावना को समझने में सक्षम हो सकेंगे और इनके संरक्षण तथा संवर्धन के प्रति जिम्मेदार होंगे ➤ हिमालय से निकलने वाली नदियों का मैदानी भागों में महत्व और उपयोगिता को समझने में सक्षम होंगे ➤ भाषा का उद्भव और विकास, हिंदी भाषा की उत्पत्ति और विकास क्रम, विभिन्न क्षेत्रों में बोली जाने वाली बोलियां और लिपियों से परिचित हो सकेंगे साथ ही व्याकरण के महत्व को समझ सकने में सक्षम होना
June	<p>नई आशाएं</p> <ul style="list-style-type: none"> ➤ पाठ 3 : कठपुतली 	<ul style="list-style-type: none"> ➤ कठपुतली कविता के माध्यम से स्त्रियों की सामाजिक स्वतंत्रता की समीक्षा तथा महत्व को समझने के सामर्थ्य का विकास ➤ ध्वनियों का उच्चारण स्थान, भेद, उत्पत्ति, सघोष और अघोष, अल्पप्राण तथा महाप्राण में भेद निरूपित करने की क्षमता का विकास
July	<p>नई आशाएं</p> <ul style="list-style-type: none"> ➤ पाठ 4 : मिठाईवाला ➤ पाठ 5 : पापा खो गए ➤ पाठ 6 : शाम एक किसान व्याकरण ➤ पाठ 2 : वर्ण विचार 	<ul style="list-style-type: none"> ➤ फेरीवालों की अजनबी आवाज तथा उनकी दिनचर्या, उनके परिवार, उनकी जिंदगी, जीवन की समस्याएं और उतार-चढ़ाव से परिचित होना ➤ नाटक के माध्यम से बाल अपहरण की घटनाओं की तरफ ध्यानाकर्षण और बाल सुलभ स्वभाव को समझने का सामर्थ्य विकसित होना ➤ ढलते दिन के समय का प्राकृतिक सौंदर्य बोध तथा ग्रामीण और कृषक जीवन के प्रति लगाव का भाव विकसित होना ➤ ध्वनियों का उच्चारण स्थान, भेद, उत्पत्ति, सघोष और अघोष, अल्पप्राण तथा महाप्राण में भेद निरूपित करने की क्षमता का विकास

<p>August</p>	<p>नई आशाएं</p> <ul style="list-style-type: none"> ➤ पाठ 7 : अपूर्व अनुभव ➤ पाठ 8 : रहीम के दोहे व्याकरण ➤ पाठ 5 : शब्द भंडार ➤ एकार्थी शब्द ➤ अनेकार्थी शब्द ➤ पर्यायवाची शब्द ➤ विलोम शब्द ➤ अनेक शब्द के लिए एक शब्द ➤ समश्रुत भिन्नार्थक शब्द 	<ul style="list-style-type: none"> ➤ विश्व प्रसिद्ध साहित्य तोत्तो चान की लघुकथा के माध्यम से लेखिका के बचपन की कहानी छात्रों में सहयोग की भावना का संचार करेगी ➤ रहीम दास के दोहों के माध्यम से नीतिगत मूल्यों का विकास संभव हो सकेगा ➤ शब्द भंडार के माध्यम से समान अर्थ वाले शब्द, अनेक अर्थ देने वाले शब्द, विपरीत अर्थ देने वाले शब्द, एक वाक्य के लिए एक शब्द का निरूपण आदि कर सकने की और उनके वाक्य प्रयोग करने की क्षमता का विकास
<p>September</p>	<p>नई आशाएं</p> <ul style="list-style-type: none"> ➤ पाठ 9 : एक तिनका व्याकरण ➤ पाठ 6 : शब्द रचना उपसर्ग ➤ प्रत्यय ➤ समास 	<ul style="list-style-type: none"> ➤ छोटे बड़े की कलुषित भावना को दूर करने की क्षमता का विकास ➤ शब्द रचना में उपसर्ग प्रत्यय लगाकर नए शब्दों का निर्माण और उनका अर्थ बोध तथा समास के माध्यम से शब्द को संक्षिप्त करने की कला का विकास और लेखन में उत्कृष्टता का भाव निरूपण
<p>October</p>	<p>नई आशाएं</p> <ul style="list-style-type: none"> ➤ पाठ 10 : खान पान की बदलती तस्वीर ➤ पाठ 12 : भोर और बरखा व्याकरण ➤ पाठ 7 : संज्ञा ➤ पाठ 8 : संज्ञा के विकारी तत्व ➤ लिंग ➤ वचन ➤ कारक 	<ul style="list-style-type: none"> ➤ दैनिक जीवन में खानपान के महत्व और खानपान की संस्कृतियों को तथा खानपान से होने वाले सुप्रभाव और दुष्प्रभाव को समझ सकने में सक्षम होना ➤ मीराबाई के पदों के माध्यम से कृष्ण भक्ति शाखा की संस्कृति की समझ का विकास ➤ संज्ञा शब्दों व्याकारणिक प्रयोग करने की क्षमता का विकास ➤ स्त्रीलिंग पुलिंग शब्दों में भेद का निरूपण, एकवचन बहुवचन शब्द के बीच अंतर तथा कारक चिन्ह (परसर्ग) को समझने और वाक्यों में उचित प्रयोग करने की क्षमता का विकास
<p>November</p>	<p>नई आशाएं</p> <ul style="list-style-type: none"> ➤ पाठ 13 : वीर कुंवर सिंह ➤ पाठ 14 : संघर्ष के कारण मैं तुनक मिजाज हो गया : धनराज व्याकरण ➤ पाठ 9 : सर्वनाम ➤ पाठ 10 : विशेषण 	<ul style="list-style-type: none"> ➤ प्रथम स्वतंत्रता संग्राम के महानायक में से एक वीर कुंवर सिंह की कहानी को पढ़कर स्वतंत्रता और देश के प्रति समर्पण की भावना का विकास ➤ महान हॉकी खिलाड़ी धनराज पिल्लई की जीवनी से परिचित होना तथा कठोर संघर्ष में भी हिम्मत से काम करने की प्रेरणा ग्रहण करना ➤ सर्वनाम की परिभाषा, इसके भेद तथा सर्वनामिक शब्दों का व्याकरणिक रूप से उचित प्रयोग करने की क्षमता का विकास ➤ विशेषण की परिभाषा, भेद तथा विशेषण शब्दों का व्याकरणिक

		प्रयोग करने की क्षमता का विकास
December	<p>नई आशाएं</p> <ul style="list-style-type: none"> ➤ पाठ 15 : आश्रम का अनुमानित व्यय ➤ व्याकरण ➤ पाठ 11 : क्रिया और काल 	<ul style="list-style-type: none"> ➤ आजादी के दिनों में महात्मा गांधी के जीवन के संघर्ष की गाथा का वर्णन जिसे पढ़कर बच्चे राष्ट्र की मजबूत नींव बनने की ओर अग्रसर होंगे ➤ क्रिया की परिभाषा, रूप व्याकरणिक तथा वाक्य में काल के अनुसार उचित प्रयोग करने की क्षमता का विकास ➤ क्रिया के सकर्मक और अकर्मक रूप की समझ तथा भूत काल, वर्तमान काल, भविष्य काल में उचित प्रयोग करने की समझ का विकास
January	<p>व्याकरण</p> <ul style="list-style-type: none"> ➤ पाठ 13 : अविकारी शब्द ➤ पाठ 15 : वाक्य ➤ पाठ 16 : वर्तनी एवं वाक्य रचना की अशुद्धियां ➤ पाठ 17 : विराम चिह्न 	<ul style="list-style-type: none"> ➤ अविकारी शब्दों के माध्यम से क्रिया विशेषण, संबंध बोधक, समुच्चयबोधक, विस्मयादिबोधक एवं निपात आदि शब्दों की पहचान होना तथा व्याकरणिक रूप से इनके शुद्ध प्रयोग कर सकने की क्षमता का विकास ➤ शब्दों के समुचित प्रयोग से वाक्य निर्माण तथा वाक्य की परिभाषा और वाक्य भेद की समझ का विकास ➤ वर्तनी की अशुद्धियों को दूर करने की क्षमता का विकास ➤ विराम चिह्नों के माध्यम से वाक्य या वाक्यांश के भाव तथा त्रुटिरहित व्याकरणिक प्रयोग की क्षमता का विकास
February	<p>व्याकरण</p> <ul style="list-style-type: none"> ➤ पाठ 18 : मुहावरे और लोकोक्तियां ➤ पाठ 19 : मौखिक अभिव्यक्ति पाठ 20 : लिखित अभिव्यक्ति संवाद लेखन ➤ चित्र लेखन ➤ अनुच्छेद लेखन ➤ पत्र लेखन ➤ कहानी लेखन ➤ नारा लेखन ➤ पाठ 21 : अपठित बोध (गद्य और पद्य) 	<ul style="list-style-type: none"> ➤ मुहावरों और लोकोक्तियों का भाव बोध तथा वाक्य प्रयोग की क्षमता का विकास ➤ मौखिक अभिव्यक्ति के माध्यम से बच्चे में किसी भी बात को दृढ़ता पूर्वक और सुनियोजित ढंग से किसी के समक्ष रखने की क्षमता का विकास ➤ लिखित अभिव्यक्ति में संवाद लेखन चित्र कथा लेखन अनुच्छेद लेखन औपचारिक अथवा अनौपचारिक पत्र लेखन नारा लेखन आदि कर सकने की क्षमता का विकास ➤ अपठित गद्य अथवा पद्य को पढ़कर पूछे गए प्रश्नों के उत्तर दे सकने की क्षमता का विकास

SUBJECT – HINDI

MONTH	TOPIC	LEARNING OUTCOMES/SKILL DEVELOPMENT
April	पाठ्यपुस्तकम् ➤ पाठ-1 वैभवस्य जन्मदिवसः व्याकरणम् ➤ अपठित गद्यांश : ➤ वर्ण संयोगः व वर्ण विन्यासः	<ul style="list-style-type: none"> ➤ छात्र लृट् एवं लट् लकार की पुनरावृत्ति करेंगे ➤ छात्र अपठित गद्यांश के माध्यम से वाक्य रचना सीखेंगे ➤ छात्र द्वित्व, संयुक्त एवं अयोगवाह वर्णादि जानेंगे
June	पाठ्यपुस्तकम् ➤ पाठ-2 शुकः काकः च व्याकरणम् ➤ पत्र लेखनम् ➤ शब्दरूप प्रकरणम्	<ul style="list-style-type: none"> ➤ छात्र भूतकाल क्रियापदों को समझेंगे ➤ छात्र भूतकाल क्रियापदों के प्रत्ययों को जानेंगे ➤ छात्र संस्कृत पत्र-लेखन समझेंगे
July	<ul style="list-style-type: none"> ➤ पाठ्यपुस्तकम् ➤ पाठ-3 दरिद्रस्य सहायता ➤ पाठ- 4 जन्तुशालायाः विहारः ➤ पाठ-5 सुभाषितानि 	<ul style="list-style-type: none"> ➤ छात्र संस्कृत वाक्य रचना सीखेंगे ➤ छात्र नवीन शब्दों द्वारा वाक्य रचना जानेंगे ➤ छात्र संस्कृत क्रियापदों का ज्ञान प्राप्त करेंगे
August	पाठ्यपुस्तकम् ➤ पाठ-6 शिष्टाचारः व्याकरणम् ➤ चित्राधारितम् वर्णनम् ➤ धातुरूप प्रकरणम्	<ul style="list-style-type: none"> ➤ छात्र संस्कृत में लोट् लकार क्रियापदों द्वारा वाक्य रचना सीखेंगे ➤ छात्र चित्र वर्णन सीखेंगे ➤ छात्र लट्, लृट्, लङ् एवं लोट् लकार धातुरूपों का विभिन्न धातुरूपों में प्रयोग करेंगे
September	पाठ्यपुस्तकम् ➤ पाठ-7 स्वस्थवृत्तम् ➤ पाठ-8 रमणीयम् उद्यानम् ➤ (नवीन-शब्दावली-1,2) व्याकरणम् ➤ संख्या	<ul style="list-style-type: none"> ➤ छात्र लोट् लकार मध्यं पुरुष एवं उत्तम पुरुष से वाक्य रचना ➤ छात्र संख्या शब्दों द्वारा वाक्य रचना सीखेंगे
October	पाठ्यपुस्तकम् ➤ पाठ-9 मम परिवाराः ➤ पाठ-10 आदर्शाः छात्राः व्याकरणम् ➤ प्रत्यय	<ul style="list-style-type: none"> ➤ छात्र संस्कृत कारक के माध्यम से वाक्य रचना जानेंगे ➤ छात्र लिंगानुसार वाक्य रचना सीखेंगे ➤ छात्र कर्ता एवं कर्म कारक समझेंगे ➤ छात्र क्त्वा, तुमुन् आदि प्रत्यय समझेंगे
November	पाठ्यपुस्तकम् ➤ पाठ-11 भारतीय समुद्रतटाः	<ul style="list-style-type: none"> ➤ छात्र विशेषण एवं विशेष्य समझेंगे ➤ छात्र विद्यालयस्य महत्त्व आदि विषयों पर निबन्ध लिखेंगे

	व्याकरणम् ➤ निबन्ध रचना	
December	पाठ्यपुस्तकम् ➤ पाठ-12 भारत रत्नम्- श्री अटल बिहारी वाजपेयी महोदयः व्याकरणम् ➤ अशुद्धि शोधनम्	<ul style="list-style-type: none"> ➤ छात्र भारत के विभिन्न पुरस्कारों को जानेंगे ➤ छात्र लिंग एवं विभक्ति अनुसार वाक्य प्रयोग जानेगे ➤ छात्र वाक्यों के शुद्ध रूप को समझेंगे
January	पाठ्यपुस्तकम् ➤ पाठ-13 ग्रामस्य यात्रा व्याकरणम् ➤ संवाद पूर्ति	<ul style="list-style-type: none"> ➤ छात्र उपपद विभक्ति समझेंगे
February	व्याकरणम् ➤ पाठ-14 किं किं कुर्यात्	<ul style="list-style-type: none"> ➤ छात्र विधिर्लिंग लकार जानेंगे

SUBJECT: - MATHS

MONTH	TOPIC	LEARNING OUTCOMES/SKILL DEVELOPMENT
April	<ul style="list-style-type: none"> ➤ Chapter 1 Integers ➤ Chapter 2 Fraction and Decimals 	<ul style="list-style-type: none"> ➤ To perform various operations on integers ➤ To comprehend and analyse the word problems involving integers ➤ To visualize operations between fractions ➤ To generalize shortcuts to perform various operations in fractions ➤ To comprehend and analyse the word problems involving fractions
June	<ul style="list-style-type: none"> ➤ Chapter 3 Data Handling ➤ Chapter 4 Visualization of solid shapes 	<ul style="list-style-type: none"> ➤ To organizing the data ➤ To judge the best way of finding the central tendency ➤ To find the central tendency of data ➤ To draw double bar graph and interpret them ➤ To calculating probability of an event in various situations ➤ To construct solid shapes from paper by draw
July	<ul style="list-style-type: none"> ➤ Chapter 5 Lines and Angles ➤ Chapter 6 Simple Equations 	<ul style="list-style-type: none"> ➤ To find the value of required angle ➤ To justify if the given lines are parallel ➤ To transpose values from one side of the equation to the other side of the equation with ease
August	<ul style="list-style-type: none"> ➤ Chapter 7 Exponents and Powers ➤ Chapter 8 The Triangle and its properties 	<ul style="list-style-type: none"> ➤ To convert a number in exponential form ➤ To state various laws of exponents ➤ To solve mathematical problems involving powers ➤ To illustrate angle sum property and exterior angle property of triangle ➤ To judge if a triangle is possible from given three

		<p>lengths</p> <ul style="list-style-type: none"> ➤ To understand Pythagoras theorem and apply Pythagoras theorem
September	<ul style="list-style-type: none"> ➤ Revisions for Term I ➤ Chapter 9 Rational Numbers 	<ul style="list-style-type: none"> ➤ To state the definition of rational numbers ➤ To plot rational numbers on number line ➤ To describe properties of rational numbers on number line ➤ To perform various mathematical operations using rational numbers
October	<ul style="list-style-type: none"> ➤ Chapter 10 Perimeter and Area ➤ Chapter 11 Symmetry 	<ul style="list-style-type: none"> ➤ To differentiate between the area and perimeter ➤ To state various related formulas ➤ To calculate the area and perimeter of different diagrams using formulas ➤ To draw lines of symmetry or order of rotational symmetry in any real-life objects
November	<ul style="list-style-type: none"> ➤ Chapter 12 Practical Geometry ➤ Chapter 13 Congruence of triangle 	<ul style="list-style-type: none"> ➤ To constructs simple triangles, when three out of six elements are given (like three sides, two sides and included angle, a side and angles)
December	<ul style="list-style-type: none"> ➤ Chapter 14 Congruence of Triangles ➤ Chapter 15 Comparing Quantities 	<ul style="list-style-type: none"> ➤ To establish congruence criterion for triangles ➤ To appreciates that only three elements of two triangles are sufficient to find their congruence ➤ To judge if the given two triangles are congruent ➤ To be able to find ratio between two quantities ➤ To solve problems using unitary method
January	<ul style="list-style-type: none"> ➤ Chapter 16 Comparing Quantities (continuation) ➤ Chapter 16 Algebraic Expressions 	<ul style="list-style-type: none"> ➤ To understand the application of percentage ➤ To identify Profit and Loss ➤ To find out the usage of simple Interest ➤ To know and understand terms related to algebraic expressions ➤ To do the operations based on algebraic expression
February	<ul style="list-style-type: none"> ➤ Revision for Term II 	

SUBJECT: - SCIENCE

MONTH	TOPIC	LEARNING OUTCOMES/SKILL DEVELOPMENT
April	<ul style="list-style-type: none"> ➤ Chapter 1 Nutrition in plants ➤ Chapter 2 Nutrition in Animals 	<ul style="list-style-type: none"> ➤ To identify the raw materials and end products in the process of photosynthesis ➤ To understand the word equation for the process of photosynthesis ➤ To understand the role of chlorophyll and stomata ➤ To understand concept of producer ➤ To understand the terms of digestion ➤ To understand mode of nutrition in animals like Hydra,

		<p>Amoeba, Frog</p> <ul style="list-style-type: none"> ➤ To learn the arrangement of teeth and different types of teeth ➤ To learn the concept of different modes of nutrition ➤ To learn the new terminology ruminants and digestion
June	➤ Chapter 3 Heat	<ul style="list-style-type: none"> ➤ To explain that heat is the flow of energy from hot materials to cold materials. ➤ To describe that molecule in a material, begin to vibrate (or move) more quickly when the material is heated. ➤ To identify conduction as heat transfer within and between solids. ➤ To apply the knowledge properties of expansion in all the three states
July	➤ Chapter 4 Structure of matter	<ul style="list-style-type: none"> ➤ To define 'matter' ➤ To identify matter in the states of solid, liquid, and gas ➤ To distinguish between volume and mass ➤ To differentiate all the three states of matter
August	<ul style="list-style-type: none"> ➤ Chapter 5 Acid bases and Salts ➤ Chapter 6 Physical and chemical changes 	<ul style="list-style-type: none"> ➤ To classify things as Acidic, Basic and Neutrals ➤ To identify chemical nature of substances by using various indicators like turmeric, China rose and litmus ➤ To understand the use of indicators around us ➤ To know the application of indicators and how to prepare natural indicators like China rose and turmeric ➤ To identify the effect of different indicators on acids and bases ➤ To distinguish between acids and bases ➤ To understand the concept of physical and chemical changes ➤ To enable the students to learn different changes happening in the surrounding ➤ To learn about physical and chemical changes ➤ To understand characteristics of physical and chemical changes ➤ To understand the process of rusting of iron and methods of its prevention ➤ To study crystallization process and its applications

<p>September</p>	<ul style="list-style-type: none"> ➤ Chapter 7 Respiration in organism ➤ Chapter 8 Transportation in plants and animals 	<ul style="list-style-type: none"> ➤ To explain the function of the respiratory system ➤ To describe process of respiration ➤ To demonstrate understanding of respiratory system by creating a model ➤ To list the structures of the respiratory system. ➤ To list the major functions of the respiratory system. ➤ To outline the forces that allow for air movement into and out of the lungs. ➤ To outline the process of gas exchange. ➤ To summarize the process of oxygen and carbon dioxide transport within the respiratory system. ➤ To understand the concept of breathing system in different animals ➤ To describe how water is transported in plants (through the roots, up the stem, and finally to the leaves and flowers), ➤ To conduct an experiment testing for the movement of water within a flowering plant, ➤ To understand that water is transported in leaves through veins, ➤ To describe the release of water out of the leaves in gaseous form. ➤ To understand Blood circulation in humans ➤ To understand the excretory system in humans ➤ To identify the parts of transportation in plants
<p>October</p>	<ul style="list-style-type: none"> ➤ Chapter 9 Reproduction in plants ➤ Chapter 10 Motion and Time 	<ul style="list-style-type: none"> ➤ To enable the students to know about a sexual and asexual reproduction in organism ➤ To know different modes of a sexual reproduction ➤ To get the students aware about different parts of a plant which take part in a sexual reproduction ➤ To enable the students with the terminologies like fertilisation, pollination and modes of pollination ➤ To understand motion and its types ➤ To define speed ➤ To understand uniform and non-uniform motions ➤ To know the concept of time ➤ To know units of time and speed ➤ To know common modern and ancient time-measuring devices ➤ To know state of rest and motion

November	<ul style="list-style-type: none"> ➤ Chapter 11 Electric current and its effect Chapter 12 Light 	<ul style="list-style-type: none"> ➤ To plot different distance-time relationships on graph ➤ To revive their previous knowledge about last year's lesson on "electricity and circuit" ➤ To understand the application of symbols of electric circuit ➤ To learn about the difference between static charge and electric current ➤ To familiarize with an electric circuit, circuit components and their respective functions and symbols ➤ To construct a simple electric circuit in the classroom and to explain how current flows and the bulb glows. ➤ To introduce circuit diagram for a simple circuit. ➤ To distinguish between different effects of current ➤ To learn that light is a form of energy and always travels in straight line ➤ To recognise that light comes from different natural and artificial sources ➤ To investigate that light can be broken up into many different colours ➤ To investigate the relationships between light and materials ➤ To define 'light' and total internal reflection ➤ To outline some of the characteristics of light ➤ To describe the relationship between color and light ➤ To share facts about light and the types of images formed ➤ To differentiate lens and mirror
December	<ul style="list-style-type: none"> ➤ Chapter 13 Forest: Our lifeline 	<ul style="list-style-type: none"> ➤ To explain importance of forests and conservation of forests ➤ To describe food chains and food webs ➤ To encourage positive experiences outdoors and develop a positive attitude toward the environment and our forests ➤ To encourage positive experiences outdoors and develop a positive attitude toward the environment and our forests ➤ To help students gain a general curiosity about nature and human interaction with forests ➤ To ensure students understand the ecological web. It is

		important to understand the ecology of forests
January	➤ Chapter 14 waste water story	<ul style="list-style-type: none"> ➤ To enable the students to understand the importance of water ➤ To identify the ways to remove the impurities from water ➤ To analyse the ways to purify water ➤ To learn the process of sewage treatment plant working ➤ To understand how waste water treatment plant works ➤ To understand the importance of waste water treatment plant
February	➤ Revision	<ul style="list-style-type: none"> ➤ To recall the details of the topic you have studied ➤ To helps reduce the anxiety and stress levels a students ➤ To allows students to focus on each topic in depth beforehand

SUBJECT: - SOCIAL SCIENCE

MONTH	TOPIC	LEARNING OUTCOMES/SKILL DEVELOPMENT
April	History <ul style="list-style-type: none"> ➤ Chapter 1 Tracing Changes Through a Thousand Years Geography <ul style="list-style-type: none"> ➤ Chapter 1 Environment ➤ Unit I: Equality in Indian Democracy Civics <ul style="list-style-type: none"> ➤ Chapter 1 On Equality 	<ul style="list-style-type: none"> ➤ To be aware of the new terms, empires, religions and social groups in India ➤ To show their artistic skills ➤ To understand the interdependence of biotic and abiotic components ➤ To develop analytical mind to find out ways of conservation of the ecosystem ➤ To identify practices of inequality in India ➤ To understand the significance of Right to Equality ➤ To develop critical thinking on the provisions of the Constitution to bring equality in our country
June	History <ul style="list-style-type: none"> ➤ Chapter 2 New Kings and Kingdoms Geography <ul style="list-style-type: none"> ➤ Chapter 2 Inside our Earth Civics <ul style="list-style-type: none"> ➤ Chapter 2 Role of government in health 	<ul style="list-style-type: none"> ➤ To locate and identify the regions ruled by these dynasties in India ➤ To develop map skills ➤ To understand the climate and terrain of these regions ➤ To have critical thinking on the continuous occurrence of Tripartite Struggle ➤ To develop a keen sense of observation ➤ To improve communication skills and gain confidence ➤ To have hands on experience to differentiate between sedimentary, igneous and metamorphic rocks ➤ To be aware of the public facilities, like health facilities to improve the human resource of a nation

July	<p>History</p> <ul style="list-style-type: none"> ➤ Chapter 3 The Delhi Sultans <p>Geography</p> <ul style="list-style-type: none"> ➤ Chapter 3 Our Changing Earth <p>Civics</p> <ul style="list-style-type: none"> ➤ Chapter 3 How the State Government works 	<ul style="list-style-type: none"> ➤ To have an analysis of the two rulers – Alauddin Khalji and Muhammad Tughluq – how Alauddin Khalji is considered as a better administrator than Muhammad Tughluq ➤ To showcase their artistic skills ➤ To identify and know about various land forms formed by the external agents on the earth ➤ To relate to such landforms found in India and in the world, e.g., the Sundarbans, The Thar desert- sand dunes ➤ To understand the need of MLA in the State Government
August	<p>History</p> <ul style="list-style-type: none"> ➤ Chapter 4 The Mughal Empire <p>Geography</p> <ul style="list-style-type: none"> ➤ Chapter 4 Air <p>Civics</p> <ul style="list-style-type: none"> ➤ Chapter 4 Growing up as Boys and Girls ➤ Chapter 5 Women Change the world 	<ul style="list-style-type: none"> ➤ To develop map skills ➤ To connect the cities with the rulers and their major contributions ➤ To understand the importance of these cities in present scenario ➤ To identify the different types of inequalities going on between men and women in our families and in the society, they will improve their public speaking skill ➤ To improve their communication skills ➤ To know about the struggle of women in India to get their rights and identity ➤ To understand the significance of equality in the society, between men and women
September	<p>Geography</p> <ul style="list-style-type: none"> ➤ Chapter 5 Water <p>Civics</p> <ul style="list-style-type: none"> ➤ Unit IV Media and Advertising ➤ Chapter 6 Understanding Media 	<ul style="list-style-type: none"> ➤ To know the location of various oceans ➤ To know the direction of warm currents and cold currents ➤ To understand the reason of warm and cold currents ➤ To understand each natural vegetation in a better manner
October	<p>Geography</p> <ul style="list-style-type: none"> ➤ Chapter 6 Human Environment Interactions the Tropical and The Sub Tropical Region 	<ul style="list-style-type: none"> ➤ To understand the need of media ➤ To reason out the significance of technology in media ➤ To know what is newsworthy ➤ To elate the climate and vegetation of the basin along with the location in the Torrid Zone ➤ To understand the need of conservation of resources ➤ To increase their digital skills and communication skills

November	<p>History</p> <ul style="list-style-type: none"> ➤ Chapter 5 Tribes, Nomads and Settled Communities <p>Civics</p> <ul style="list-style-type: none"> ➤ Unit V: Markets ➤ Chapter 7 Markets Around Us ➤ Chapter 8 A shirt in the Market 	<ul style="list-style-type: none"> ➤ To develop map skills ➤ To know about the respective tribes of India and their activities ➤ To understand the significance of tribes in our country ➤ To improve their communicative skills ➤ To know about the chain of markets ➤ To understand the long process of manufacturing a final product ➤ To able to differentiate between different types of market ➤ To understand the importance of market around us ➤ To appraise the importance of middleman in the market ➤ To understands what will happen if the market is closed for one day
December	<p>History</p> <ul style="list-style-type: none"> ➤ Chapter 6 Devotional Parts to the Divine <p>Geography</p> <ul style="list-style-type: none"> ➤ Chapter 7 Life in The Deserts <p>Civics</p> <ul style="list-style-type: none"> ➤ Chapter 9 Struggles for Equality 	<ul style="list-style-type: none"> ➤ To recall the factors leading to the development of new and varied religious and spiritual ideas and movements ➤ To define the idea and philosophy of Bhakti ➤ To elaborate on the idea of Sufism - trace the new religious developments in North India ➤ To define a 'desert' -state the two kinds of deserts - Hot and Cold - with a detailed study of Sahara Desert (Africa) and Ladakh (India) - distinguish between the two deserts on the basis of - climate, flora and fauna and people's lifestyles ➤ To describe the way 'discrimination', 'prejudice' and 'bias' has been a constant hindrance in the process of providing equality to the people ➤ To explain the way the gap between the rich and the poor keeps getting widened because of the prominent inequality in almost all spheres of life ➤ To discover the way various communities have raised their voices against the injustices and to achieve equality
January	<p>History</p> <ul style="list-style-type: none"> ➤ Chapter 7 The Making of Regional Cultures 	<ul style="list-style-type: none"> ➤ To recognizes ways in which political, social and economic issues which affect their daily lives across time and space ➤ To understand about the earth as the habitat of humans and other forms of life ➤ To becomes familiar with one's own region and realizes interdependence of various regions (local to global) ➤ To understands spatial distribution of resources and their conservation ➤ To understand historical developments in different periods of Indian history
February	<p>History</p> <ul style="list-style-type: none"> ➤ Chapter 8 Eighteenth - Century — 	<ul style="list-style-type: none"> ➤ To connect the events with their locations after the decline of the Mughals ➤ To understand the changes in India with the coming of Marathas and Sikhs

Political
Formations

SUBJECT: - COMPUTER

MONTH	TOPIC	LEARNING OUTCOMES/SKILL DEVELOPMENT
April	➤ Chapter 1 Computer Virus	➤ To understand their knowledge in preparing a presentation on various examples of Computer Virus
June	➤ Chapter 2 Number system	➤ To be able to convert different positional number systems using various methods
July	➤ Chapter 3 GIMP – introduction	➤ Students are able to learn about creative tools in GIMP
August	➤ Chapter 4 Gimp – layers and filters	➤ Students will be able to create layers and work on different layers in GIMP
September	➤ Chapter 5 E-Commerce & blogging	➤ Learners will be able to understand the various concepts of e-commerce.
October	➤ Chapter 6 Internet – ethics & safeguard	➤ To get an idea about basics of Internet and they will also get familiarize with some new terms like hyperlink, domain name, world wide web
November	➤ Chapter 7 Html Introduction	➤ Students are able to learn about HTML as a webpage editing software by writing a simple webpage in notepad, making desired changes and displaying them
December	➤ Chapter 8 HTML- Creating a web page ➤ Chapter 9 HTML- Images, Links & Table	➤ To start creating documents now and add pictures also. They will also work on formatting features
January	➤ Chapter 10 ➤ Html-form, multimedia & CSS	➤ To be able to create forms to enter students' particulars.
February	➤ Revision	➤ Revision

SUBJECT: - GENRAL KNOWLEDGE

MONTH	TOPIC	LEARNING OUTCOMES/SKILL DEVELOPMENT
April	➤ Chapter 1 Plants: Increasing the ➤ Numbers ➤ Chapter 2 Food and Health	<ul style="list-style-type: none"> ➤ To appreciate the importance of plants and seeds and will be able to identify parts of a seed ➤ To find out the conditions necessary for germination ➤ To learn about various stages of germination ➤ To know about the various ways of dispersal of seeds ➤ To understand about the preparation of crops for consumption and describe the interdependence ➤ To understand the importance of a balanced diet ➤ To suggest ways for health and hygiene

		<ul style="list-style-type: none"> ➤ To suggest ways for managing and improving hygiene and health
June	<ul style="list-style-type: none"> ➤ Chapter 3 Safety and First Aid ➤ Chapter 4 Houses All Around 	<ul style="list-style-type: none"> ➤ The learner will understand the importance of first aid ➤ To understand and identify road signs ➤ To learn to handle emergencies in daily life ➤ To establish the linkage among climate resources and type of house ➤ To learn points to be kept in mind before, during and after the construction of a house ➤ To identify factors that cause soil erosion and realize the harmful effects of soil erosion
July	<ul style="list-style-type: none"> ➤ Chapter 5 Solids, Liquids and Gases ➤ Chapter 6 Soil Erosion and Conservation 	<ul style="list-style-type: none"> ➤ To differentiate between solids, liquids and gases ➤ To distinguish between physical and chemical changes ➤ To observe the relation between solubility and temperature ➤ To identify factors that cause soil erosion and realize the harmful effects of soil erosion
August	<ul style="list-style-type: none"> ➤ Chapter 7 Rocks and Minerals ➤ Chapter 8 Animals Everywhere 	<ul style="list-style-type: none"> ➤ To identify various kinds of rocks and minerals and their classification ➤ Understand the use of natural resources and its conservation ➤ To explain the different features and adaptations of animals and appreciate the amazing phenomenon of migration
September	<ul style="list-style-type: none"> ➤ Chapter 9 Our Skeletal System ➤ Chapter 10 Our Nervous System 	<ul style="list-style-type: none"> ➤ To recognize the different kinds of bones and joints and learn about their functions ➤ To identify the main types of muscles and explain their role ➤ To realize the importance of well- developed muscles ➤ To identify the different parts of our brain and their function ➤ To learn about various sense organs and their functions ➤ To understand the need to take care of our sense organs

October	<ul style="list-style-type: none"> ➤ Chapter 11 Force and Energy ➤ Chapter 12 Our Life Supports 	<ul style="list-style-type: none"> ➤ To learn about the different types of forces and energy ➤ To identify and understand the types of simple machines commonly used ➤ To know the composition and properties of air ➤ To know the various stages involved in purification of drinking water
November	<ul style="list-style-type: none"> ➤ Chapter 13 Our Earth's Natural Satellite 	<ul style="list-style-type: none"> ➤ To distinguish between solar and lunar eclipses ➤ To know the purpose of sending artificial satellites into space and India's contribution to space research
December	<ul style="list-style-type: none"> ➤ Chapter 14 Natural Disasters 	<ul style="list-style-type: none"> ➤ To enlist, identify & describe different types of disasters
January	<ul style="list-style-type: none"> ➤ Chapter 15 Changes in Our Environment 	<ul style="list-style-type: none"> ➤ To understand the concept of greenhouse ➤ To know about the pollution and how to control it

SUBJECT: - ART & CRAFT

MONTH	TOPIC	LEARNING OUTCOMES/SKILL DEVELOPMENT
April	<ul style="list-style-type: none"> ➤ Basic Elements of art ➤ Vegetables and leaf impression 	<ul style="list-style-type: none"> ➤ To demonstrate technical ability and craftsmanship in their artworks and understands the elements of art and principles of design through effective compositions and communicate concepts effectively ➤ To learn creative and various possible ways of using vegetables
June	<ul style="list-style-type: none"> ➤ Craft Work ➤ Waste out of waste 	<ul style="list-style-type: none"> ➤ To enhance decision making skills ➤ To produce creative work, improve thinking skills and create new things and promotes innovation ➤ To explore their innate potential on how to create something out of waste
July	<ul style="list-style-type: none"> ➤ Poster colours 	<ul style="list-style-type: none"> ➤ To learn working with a brush or small tool helps develop fine motor skills (small muscle control). While working on large sheets of paper or at the easel helps develop large muscle control (Gross Motor skills)
August	<ul style="list-style-type: none"> ➤ Poster Colouring 	<ul style="list-style-type: none"> ➤ To understand facilitating along with creative thinking
September	<ul style="list-style-type: none"> ➤ Nature Study ➤ Craft work 	<ul style="list-style-type: none"> ➤ To develop their drawing ability, Know the key art movements and Improve figure drawing ➤ To develop eye hand coordination
October	<ul style="list-style-type: none"> ➤ Spray painting ➤ Card-Making of Birthday 	<ul style="list-style-type: none"> ➤ To improve thinking skills and create new things promotes innovation ➤ To provide an opportunity for kids to practice and develop their language and social skills
November	<ul style="list-style-type: none"> ➤ Madhubani painting ➤ Waste Material work 	<ul style="list-style-type: none"> ➤ To understand the elements of art and principals of design through effective compositions ➤ To learn basic concepts of solid waste management,

		beginning from source generation to waste disposal in a system of municipality organizational structure
December	<ul style="list-style-type: none"> ➤ Warli Art ➤ Cherry Blossom art 	<ul style="list-style-type: none"> ➤ To create a work of art that visually depicts their narrative by learning how the warli tribe used abstract art ➤ To create some unique patterns from waste-mat. It also builds their motor skills
January	<ul style="list-style-type: none"> ➤ Craft Work ➤ Symbols of Buddha ➤ Poster colour painting 	<ul style="list-style-type: none"> ➤ To enhance decision making skills ➤ To produce creative work, improve thinking skills and create new things and promotes innovation ➤ To develop as communicators and readers empowering them to understand information, voice opinions and make choices ➤ To understand basic principles of design and tone, concepts, media and formats, and the ability to apply them to a specific aesthetic intent
February	<ul style="list-style-type: none"> ➤ Cubism ➤ Fabric Painting 	<ul style="list-style-type: none"> ➤ To show the whole structure of objects in their paintings without using techniques such as perspective or graded shading to make them look realistic ➤ To improve the skill of applying colors on the fabric to make it attractive this is very exciting experience

SUBJECT: - MUSIC

MONTH	TOPIC	LEARNING OUTCOMES/SKILL DEVELOPMENT
April	<ul style="list-style-type: none"> ➤ Alankaar 1-10 ➤ Prayers With Notation ➤ Plata 1-10 	<ul style="list-style-type: none"> ➤ To improve the vocal practice ➤ To understand the relevance of prayer ➤ To understand musical notes, and Alankars (saresa, regare)
June	<ul style="list-style-type: none"> ➤ Revision of Alankaar and palta ➤ Revision of Notation 	<ul style="list-style-type: none"> ➤ To improve the vocal practice ➤ To understand the relevance of prayer ➤ To understand musical notes, and Alankars
July	<ul style="list-style-type: none"> ➤ Lesson for Musical keyboard and guitar - Finger practice 	<ul style="list-style-type: none"> ➤ To improve keyboard practice ➤ To understand playing technique of instruments
August	<ul style="list-style-type: none"> ➤ Preparation of 15th August ➤ Independence Day ➤ Guitar, keyboard and percussion 	<ul style="list-style-type: none"> ➤ To learn about the culture of our country ➤ To know about the importance of our freedom ➤ To understand playing technique of instruments
September	<ul style="list-style-type: none"> ➤ Raga kafi ➤ Sargam geet ➤ Bandish ➤ Teen Taal 	<ul style="list-style-type: none"> ➤ To understand Indian classical music ➤ To learn Indian notation system ➤ To learn poetry and composition ➤ To learn Taal system
October	<ul style="list-style-type: none"> ➤ Raga kafi ➤ Sargam geet ➤ Bandish ➤ Teen Taal 	<ul style="list-style-type: none"> ➤ To understand Indian classical music ➤ To learn Indian notation system ➤ To learn poetry and composition ➤ To learn Taal system

November	➤ Preparation of Annual Function	➤ To able to express physical activity, expression, social interaction and cultural participation
December	➤ Chapterristmas celebrations and carol singing	➤ To introduced Christmas celebration by Christmas songs, learn a Christmas carol, read a story about Santa
January	➤ Preparation for Republic Day of India	➤ To promote patriotism among children ➤ To promote the knowledge of Indian Constitution
February	➤ Raga bhupali ➤ Dhrupad ➤ History of Indian Music ➤ Music theory	➤ To gain knowledge about a different genre in Hindustani music other than khayal ➤ To develop an ability to sing basic compositions in the Dhrupad form ➤ To develop ability to critically analyze theoretical aspects in music

SUBJECT: - DANCE

MONTH	TOPIC	LEARNING OUTCOMES/SKILL DEVELOPMENT
April	➤ Revise of namaskaar, tatkaar, toda, hastak, tihaai & padant of toda, tihaai	➤ To co-ordination and team work will be improved & children will know about classical dance, spiritual growth how, to move hands with footwork
June-July	➤ Aamad (slow beat), Chari nritya (rajasthani folk dance)	➤ To learn about how to use mudra in classical dance & how to move hands with footwork, flexibility, what is the meaning of aamad knowledge about folk dances
August-September	➤ Chakkardar toda (in 16 matra), ➤ Garba (gujrati folk dance)	➤ To learn how different types of time pattern or laya which one usually comes through is evolving to the particular taal, they learn about different folk dances steps
October-November	➤ Chari nritya practice ➤ Annual day preparation	➤ To be able to master the Physical activity, expression, social interaction cultural participation, learn how to put performance in a culture, historical
December-January	➤ Kavita, guru vandana	➤ To be able to perform on patriotism, Expression, body/mind coordination
February	➤ Gatbhaav (kaliya daman)	➤ To learn coordination & know about folk dances and ➤ To know about Krishna leela along with body/mind coordination

SUBJECT-PHYSICAL EDUCATION AND SPORTS

MONTH	TOPIC	LEARNING OUTCOMES/SKILL DEVELOPMENT
April	➤ KABADDI	➤ To acquaint students with theoretical, technical and practical knowledge & skills of Kabaddi game and gain proficiency
June-July	➤ KARATE	➤ To obtain the rank of yellow belt ➤ To female students will be benefited more from this course of self-defense ➤ To recognize the overall wellness benefit of martial arts training as a lifetime physical Exercise activity

August - September	➤ AEROBICS	<ul style="list-style-type: none"> ➤ To understand and apply the knowledge of basic choreography, music selection and effective Group management ➤ To identify the major muscle groups and their application to aerobics ➤ To identify and apply injury prevention principles related to aerobic activities
October- November	➤ VOLLEYBALL	<ul style="list-style-type: none"> ➤ To understand basic volleyball rules, terminology, and scoring procedures ➤ To demonstrate proper etiquette and good sportsmanship ➤ To understand and correctly apply biomechanical and physiological principles related to exercise and training
December- January	➤ BADMINTON	<ul style="list-style-type: none"> ➤ To understand basic badminton rules, terminology, safety concerns, and scoring procedures ➤ To willingly participate in badminton as a component of an active lifestyle ➤ To demonstrate basic skills associated with badminton including clear; drop, smash, shots, grip and serves
February	➤ YOGA	<ul style="list-style-type: none"> ➤ To demonstrate an understanding of health-related fitness components: cardiorespiratory endurance, flexibility and body composition ➤ To demonstrate an understanding of health problems associated with inadequate fitness levels ➤ To demonstrate an understanding of sound nutritional practices as related to health