



Bal Bharati
PUBLIC SCHOOL
Sector-21, Noida

SYLLABUS 2021-22

CLASS-VI



SUBJECT: ENGLISH

TEXT BOOKS: Longman (Pearson Education)

Images Class Book

Images Home Book

Images Story Book

MONTH	CLASS BOOK/ HOME BOOK	STORYBOOK	GRAMMAR	WRITING SKILLS	LEARNING OBJECTIVES	PRACTICALS/ ACTIVITIES/ INNOVATIVE PEDAGOGY	LEARNING OUTCOMES
APRIL	L-1 Mr Toad's Adventure L-2 In Morning Dew	L-1 Maggie's Revenge	<ul style="list-style-type: none"> • Kinds of sentences • Nouns-Kinds 	<ul style="list-style-type: none"> • Paragraph Writing 	<ul style="list-style-type: none"> • To enable the students to understand the passage and grasp its meaning. • To enable the students to recite the poem with correct pronunciation, stress, intonation, pause and articulation of voice. 	<p>The learner will be provided opportunities in pairs/groups/individually and encouraged to–</p> <ul style="list-style-type: none"> • Participate in grammar games and kinesthetic activities for language learning. • Think critically, compare and contrast characters/events/ideas/themes and relate them to life and try to give opinions about issues. 	<p>Students would be able to –</p> <ul style="list-style-type: none"> • Comprehend • Correlate • Critically evaluate the text • Identify the techniques of written language. • Appreciate poetry as a literary genre.
MAY	L-3 Cat's Paradise L-4 The Walrus and the Carpenter	L-2 I Keep Six Honest Serving-Men	<ul style="list-style-type: none"> • Determiners • Verbs 	<ul style="list-style-type: none"> • Biographical Sketch 	<ul style="list-style-type: none"> • To enable the learner to communicate effectively and appropriately in real life situation • To enable the students to recite the poem with correct pronunciation, stress, 	<p>The learner will be provided opportunities in pairs/groups/individually and encouraged to–</p> <ul style="list-style-type: none"> • Speak (JAM- Just a Minute) for one minute without repetition, hesitation or deviation on a given topic. • use dictionary as a reference book for 	<p>Students will be able to–</p> <ul style="list-style-type: none"> • comprehend the text • improve their Writing skills • speak confidently on the given topic

					intonation, pause and articulation of voice.	finding multiple meanings of a word in a variety of contexts	
JULY	L-5 The Lost Child L-6 To the Cuckoo	L-3 Scrooge's Christmas	Tenses (Simple Present, Simple Past and Simple Future)	Formal Letter writing (Application)	<ul style="list-style-type: none"> To enable the students to comprehend and infer the text. To enable the students to recite the poem with correct pronunciation, stress, intonation, pause and articulation of voice. 	<p>The learner will be provided opportunities in pairs/groups/ individually and encouraged to-</p> <ul style="list-style-type: none"> Read different kinds of texts such as prose, poetry, play for understanding and appreciation and write answers for comprehension and inferential questions <p>ART INTEGRATED PROJECT- Prepare an E-brochure/travelogue to boost tourism of your hometown/ state.</p>	<p>Students will be able to-</p> <ul style="list-style-type: none"> Improve their Reading, Writing, Listening and Speaking skills
AUG	L-7 The Ransom of Red Chief L-8 The Pobble Who Has No Toes	L-3 Scrooge' Christmas	Tenses (Present Continuous, Past Continuous and Future Continuous)	<ul style="list-style-type: none"> Informal Letter writing Notice (Lost and Found) 	<ul style="list-style-type: none"> To enrich the active and passive vocabulary of students. 	<p>STORYTELLING- Native Americans are the indigenous people of North America. Find a Native American legend and share the story with the class.</p> <p>WORD WORLD- An onomatopoeia is a word that mimics the sound of the object or action it refers to. For example, splash, rustle, chirp etc.</p>	<p>Students will be able to-</p> <ul style="list-style-type: none"> To express their opinion in grammatically correct language

						Make a list of such 15 onomatopoeic words.	
SEP	L-9 The Special Prize	L-5, The Canterville Ghost	<ul style="list-style-type: none"> • Revision 	<ul style="list-style-type: none"> • Revision 	<ul style="list-style-type: none"> • To enable the students to comprehend the text and improve their Reading, Writing, Listening and Speaking skills. 	<p>The learner will be provided opportunities in pairs/groups/individually and encouraged to-</p> <ul style="list-style-type: none"> • Attempt various types of writing: notice, letter, report, etc as well as personal/ biographical experiences and extrapolative writings. • To write an article on any topic for the school magazine 	<p>Students will be able to-</p> <ul style="list-style-type: none"> • comprehend the text • improve their Writing skills • speak confidently on the given topic • learn about open-ended story
OCT	L-11 There Have Come Soft Rains	L-6 Adrift! A Little Boat Adrift!	<ul style="list-style-type: none"> • Kinds of Adverbs • Prepositions 	<ul style="list-style-type: none"> • Notice Writing (Inter House and Inter School competitions) 	<ul style="list-style-type: none"> • To enable the students to recite the poem with correct pronunciation, stress, intonation, pause and articulation of voice. 	<p>ART INTEGRATION-</p> <p>Design an e-poster on the topic 'War and Peace'.</p>	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Appreciate poetry as a literary genre. • Identify the poetic devices
NOV	L-12 The Quirks of the Quill	L-7 A Bond is Sealed	<ul style="list-style-type: none"> • Modals • Pronouns 	<ul style="list-style-type: none"> • Descriptive writing (People, Places and events) 	<ul style="list-style-type: none"> • To enable the students to understand the content and underlying meaning in the context. 	<p>CIRCLE TIME-</p> <p>Share some anecdotes from your life which show your quirky side.</p>	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Comprehend • Correlate • Critically evaluate the text • Identify the techniques of written language

DEC	<p>L-10 There Will Come Soft Rains</p> <p>L-13 Fifth Form Justice</p> <p>L-14 Mirror (NOT TO BE ASSESSED)</p>	L-8 King of Kings	<ul style="list-style-type: none"> • Conjunctions • Editing 	<ul style="list-style-type: none"> • Diary Entry 	<ul style="list-style-type: none"> • To develop and integrate the use of four language skills, i.e. Reading, Listening, Writing and Speaking • To imbibe the Indian ethos through integration of Indian art and culture in the teaching and learning process • To construct knowledge of themes, subjects and concepts and be aware of the inter-disciplinary connections 	<p>LISTENING SKILL ACTIVITY- The students will listen carefully to the audio and answer the given questions. For reference- https://learnenglishteens.britishcouncil.org/skills/listening</p> <p>ART INTEGRATED PROJECT- In order to appreciate poetry as a literary genre and develop the skill of writing, students are to write the poem 'There Will Come Soft Rains' by Sara Teasdale on buckram using broad pens and brushes.</p>	<p>Students will be able to-</p> <ul style="list-style-type: none"> • to construct knowledge of themes, subjects and concepts and be aware of the inter-disciplinary connections • to imbibe the Indian ethos through integration of Indian art and culture in the teaching and learning process
JAN	L-15 The Hound of the Baskervilles (ENACTMENT)	L-9 I Am Malala	<ul style="list-style-type: none"> • Degrees of Adjectives 	<ul style="list-style-type: none"> • Story writing with clues 	<ul style="list-style-type: none"> • To enable students to use appropriate word stress, sentence stress and elementary intonation patterns while role-playing 	<p>FUN WITH PHONICS- Tongue twisters are words or phrases that are difficult to pronounce correctly when said at a fast rate. They often include alliteration.</p> <p>Make your own tongue twisters and read them aloud as fast as you can. Share them with your class.</p>	<p>Students will be able to-</p> <ul style="list-style-type: none"> • develop critical appreciation and read the original play, The Hound of the Baskervilles • To develop their confidence and express themselves through enactment.

SUBJECT : HINDI

पाठ्य पुस्तकों की सूची वसंत (भाग -1)-एन.सी.ई.आर.टी. नवीन शिक्षार्थी हिंदी व्याकरण तथा रचना(कक्षा –छठी)-पी.पी पब्लिकेशंस अमृत संचय (प्रेमचंद)- न्यू सरस्वती हाउस प्रा.लि.					
मास	पाठ का नाम (साहित्य खंड)	व्याकरण तथा रचनात्मक लेखन	शिक्षण- अधिगम के प्रतिफल	नवीन शिक्षण युक्तियाँ कला एकीकरण अंतर्विषयी दृष्टिकोण	गतिविधि परियोजना
अप्रैल	<ul style="list-style-type: none"> वह चिड़िया जो (कविता) बचपन (संस्मरण) 	<p style="text-align: center;">-</p> <p>भाषा, बोली, लिपि तथा व्याकरण, वर्ण-विचार, तत्सम-तद्भव (अग्नि – सत्य), विलोम शब्द (अंधकार-दुर्लभ), पर्यायवाची शब्द (1-10), अनेकार्थक शब्द(1-6), अनेक शब्दों के लिए एक शब्द(1-12) एकार्थक प्रतीत होने वाले शब्द (1-5)</p>	<ul style="list-style-type: none"> पशु-पक्षियों के प्रति प्रेम की भावना विकसित होगी। कविता लेखन करने में सक्षम होंगे। छात्र बीते व वर्तमान समय के अंतर को समझकर प्रगतिशील जीवन शैली को अपनाने की ओर अग्रसर होंगे। छात्र अपने दैनिक जीवन के कार्यों को स्वयं करने में सक्षम हो सकेंगे। छात्र शुद्ध रूप से भाषा के उच्चारण व लेखन कार्य में सक्षम हो सकेंगे। छात्रों के शब्द भण्डार में वृद्धि होगी। 	<p>कला व संगीत के साथ एकीकृत – पाठ में वर्णित पक्षी का कल्पना के आधार पर चित्रांकन करते हुए कविता का लयबद्ध वाचन</p> <p>सामाजिक विज्ञान के साथ एकीकृत – बीते समय व वर्तमान समय के बीच के अंतर पर पारिवारिक सदस्यों के साथ चर्चा</p>	<p>कविता वाचन</p> <ul style="list-style-type: none"> अपने दादा-दादी या परिवार के किसी बुजुर्ग सदस्य से उनके बचपन का अनुभव सुनिए।

		अनौपचारिक साथ ग्रीष्मावकाश -पत्र बिताने का निमंत्रण देते हुए मित्र को पत्र अनुच्छेद लेखन- सत्संगति, चित्र वर्णन			
मई	नादान दोस्त (कहानी) मत बाँटो इंसान को (केवल पठन हेतु)	शब्द विचार, संज्ञा, लिंग, वचन, मुहावरे(1-10), लोकोक्तियाँ (1-5), समरूपी भिन्नार्थक शब्द (1-5) अपठित बोध अनौपचारिक पत्र, विज्ञापन लेखन	<ul style="list-style-type: none"> छात्र पशु-पक्षियों की सुरक्षा कर उनका संरक्षण कर सकेंगे। छात्र रोचक व प्रेरणाप्रद कहानी पढ़कर उसकी सीख को जीवन में अपना सकेंगे। भाषायी कौशलों का विकास एवं व्याकरणिक नियमों के आधार पर भाषा के शुद्ध रूप का ज्ञान होगा। 	<ul style="list-style-type: none"> पर्यावरण विज्ञान के साथ एकीकृत – पशु – पक्षियों के विलुप्त होने के कारण व उसका पर्यावरण पर प्रभाव पर चर्चा। 	<ul style="list-style-type: none"> विलुप्त होते पशु- पक्षियों के संरक्षण हेतु अपने घर की बालकनी में उनके लिए दाने-पानी की व्यवस्था करना। सस्वर कविता का वाचन
जुलाई	ऐसे-ऐसे (एकांकी) पार नज़र के (कहानी)	- कारक, सर्वनाम, तत्सम-तद्भव (वधू – सूर्य), विलोम शब्द (नरक-आहार), पर्यायवाची शब्द(11-	<ul style="list-style-type: none"> छात्र अभिनय के माध्यम से अपने विचारों की अभिव्यक्ति करने में सक्षम होंगे। संवाद लेखन कौशल का विकास होगा। छात्रों में कहानी लेखन कौशल विकसित होगा। वैज्ञानिक व नवीन तथ्यों की खोज करने में सक्षम होंगे। 	अभिनय कला के साथ समन्वित - छात्रों द्वारा पाठ के पात्रानुकूल अभिनय प्रस्तुति। विज्ञान के साथ समन्वय – सौर मंडल में उपस्थित विभिन्न ग्रहों व उन पर जीवन की संभावनाओं पर चर्चा।	<ul style="list-style-type: none"> डॉक्टर व मरीज के बीच संवाद लेखन कथा-वाचन

		20),अनेकार्थक शब्द (7-12), अनेक शब्दों के लिए एक शब्द (13-24) अनुच्छेद लेखन- सदाचार का महत्त्व अपठित बोध, संवाद लेखन	<ul style="list-style-type: none"> छात्र कारक व सर्वनाम शब्दों के व्याकरणिक नियमों से परिचित हो सकेंगे। 		पठित पाठ में से सर्वनाम शब्द रेखांकित करना।
अगस्त	चाँद से थोड़ी सी गप्पें (कविता) टिकट- अलबम (कहानी)	- विशेषण, क्रिया, काल ,एकार्थक प्रतीत होने वाले शब्द (6-10), उपसर्ग,प्रत्यय समरूपी भिन्नार्थक शब्द (6-10), अनौपचारिक पत्र - परीक्षा में असफल हुए मित्र को सांत्वना पत्र अपठित बोध	<ul style="list-style-type: none"> छात्रों में काव्य अनुभूति व लेखन के प्रति रुचि विकसित होगी। हिंदी महीनों, दिनों व तिथियों के ज्ञान को व्यवहारिक जीवन में प्रयोग कर सकेंगे। छात्र स्वयं परिश्रम करते हुए खोज करके नई-नई जानकारी हासिल कर सकेंगे। 	कला के साथ समन्वित- चाँद के बदलते आकार का चित्रांकन	<ul style="list-style-type: none"> हिंदी तिथियों के आधार पर चाँद के बदलते रूप को नाम लिखकर चित्र सहित ए-4 साइज़ शीट पर दर्शाना।
सितंबर	एक दौड़ ऐसी भी (केवल पठन हेतु)	मुहावरे (11-20), लोकोक्तियाँ (6-10), पुनरावृत्ति एवं अर्धवार्षिक परीक्षा			
अक्टूबर	साथी हाथ बढ़ाना (कविता) अक्षरों का महत्त्व (केवल पठन हेतु)	- क्रियाविशेषण, तत्सम-तद्भव (वार्ता-दंड) संबंधबोधक, विलोम शब्द (उपयोगी-इहलोक),	<ul style="list-style-type: none"> छात्र आपसी सहयोग व परिश्रम से कार्य कर सकेंगे। शाब्दिक व भाषायी कौशलों का विकास होगा। छात्र क्रियाविशेषण व उसके भेदों से परिचित हो सकेंगे। 	संगीत के साथ एकीकृत - गीत की लयबद्ध व संगीतमय प्रस्तुति।	गीत के भाव को ध्यान में रखते हुए कोई कहानी याद कर कक्षा में सुनाना।

		पर्यायवाची शब्द(21-30),अनेकार्थक शब्द(13-18), अनेक शब्दों के लिए एक शब्द (25-30) औपचारिक पत्र –प्रधानाचार्या को अवकाश हेतु पत्र अनुच्छेद लेखन - पर्यावरण संरक्षण अपठित बोध			
नवंबर	जो देखकर भी नहीं देखते (निबंध) नौकर (निबंध)	- समुच्चयबोधक , विस्मयादिबोधक , मुहावरे (21-30), एकार्थक प्रतीत होने वाले शब्द (11-15), लोकोक्तियाँ (11-15),समरूपी भिन्नार्थक शब्द (11-15), औपचारिक पत्र – शिकायती पत्र अपठित बोध, चित्र वर्णन, विज्ञापन लेखन	<ul style="list-style-type: none"> छात्र जीवन में सदा सकारात्मक दृष्टिकोण अपनाकर सफलता अर्जित कर सकेंगे। छात्र गांधीजी के व्यक्तित्व के गुणों को अपने जीवन में अपना सकेंगे। छात्र अव्यय शब्दों की पहचान करने में सक्षम होंगे। 	सामान्य ज्ञान के साथ समन्वय – दिव्यांग व्यक्तियों के जीवन पर आधारित चर्चा।	किन्हीं पाँच दिव्यांगों के विषय में पता लगाइए जिन्होंने विभिन्न क्षेत्रों में सफलता अर्जित की हो और कक्षा में चर्चा करें।
दिसंबर	साँस- साँस में बाँस में सबसे छोटी होंऊँ (कविता)		<ul style="list-style-type: none"> छात्र प्राकृतिक तत्वों के महत्त्व को समझकर प्रकृति के संरक्षण हेतु प्रयासरत होंगे। छात्रों में कविता लेखन कौशल का विकास होगा। छात्र माँ की ममता के महत्त्व को समझकर उनके प्रति सम्मान प्रकट कर सकेंगे। 	एक भारत श्रेष्ठ भारत' के अंतर्गत कला व विविध विषयों के साथ एकीकृत कलात्मक गतिविधि	गतिविधि का नाम : प्राकृतिक संसाधन: हमारी धरोहर सी. बी. एस. ई द्वारा जारी अधिसूचना के आधार पर पर्यावरण संरक्षण हेतु यू.पी. के साथ युग्मित राज्यों जैसे अरुणाचल अथवा मेघालय प्रदेश में बाँस द्वारा निर्मित उत्पादों के

		तत्सम-तद्भव (गृह-सर्प), विलोम शब्द (उतार-प्राचीन), पर्यायवाची शब्द(31-40),अनेकार्थक शब्द (19-24), अनेक शब्दों के लिए एक शब्द (37-48) अनुच्छेद लेखन- समाचार पत्र : ज्ञान व मनोरंजन का साधन अपठित बोध, संवाद लेखन			प्रयोग व प्रचार -प्रसार के लिए आकर्षक विज्ञापन पत्रावली (scroll) पर बनाना I
जनवरी	लोकगीत (निबंध) पपेरमेशी (केवल पठन)	वाक्य, विराम चिह्न, वर्तनी तथा वाक्य-रचना सम्बन्धी अशुद्धियाँ, मुहावरे (31-40),एकार्थक प्रतीत होने वाले शब्द (16-20), लोकोक्तियाँ (16-20),समरूपी भिन्नार्थक शब्द (16-20) औपचारिक पत्र - पुस्तक विक्रेता को पत्र अनुच्छेद लेखन - प्रातः काल की सैर अपठित बोध	<ul style="list-style-type: none"> छात्र अपनी संस्कृति व परंपरा से परिचित हो सकेंगे I हिंदी भाषा व विविध बोलियों में रचित साहित्य से अवगत हो सकेंगेI छात्रों के शब्द भण्डार में वृद्धि होगी व रचनात्मक क्षमता का विकास होगा I 	संगीत के साथ एकीकृत - विभिन्न राज्यों के लोकगीतों पर चर्चा	<ul style="list-style-type: none"> लोकगीत की सौगात अपने क्षेत्र विशेष में गाए जाने वाले लोकगीत की संगीतमय प्रस्तुति I
फरवरी	पुनरावृत्ति एवं वार्षिक परीक्षा				
मार्च	वार्षिक परीक्षा				

संस्कृत- पाठ्यक्रम: (2021-22)
कक्षा - षष्ठी

दिव्यांजलि: - संस्कृत पाठमाला भाग-1

दिव्यांजलि: - संस्कृत व्याकरण तथा रचना

मास:	शीर्षकम् (साहित्य)	व्याकरणम् रचनात्मक-कार्यम्	शिक्षण -अधिगमस्य प्रतिफलम्	नूतन- शिक्षण -विधयः कला- एकीकरणम् अंतर्विषयी- दृष्टिकोणः	गतिविधयः/ क्रियाकलापः
अप्रैल	संस्कृत-वर्णमाला (पठन हेतु) संस्कृतशब्द परिचयः (संज्ञा) धातु-परिचयः (क्रिया)	धातु परिचयः धातु रूप-पठ, अस् (लट् लकार) पठ् धातु का कर्ता के साथ प्रयोग	वर्णविच्छेद -संयोजन का ज्ञान, कर्ता के अनुसार क्रिया का प्रयोग कर वाक्य निर्माण करने की योग्यता का विकास करना। धातु रूपों का ज्ञान व धातुओं के प्रकार	हिन्दी विषय के साथ एकीकृत-कर्ता के अनुसार क्रिया का प्रयोग कर वाक्य निर्माण करना सिखाना।	
मई	सर्वनाम- परिचयः प्रथमः पुरुषः (तीनों लिंगों में)	संख्या एक से दस तक (1-4 तीनों लिंगों में)	छात्र उचित सर्वनाम शब्दों का प्रयोग करने में सक्षम होंगे। संस्कृत में लिंगानुसार संख्याओं का प्रयोग करने की योग्यता का विकास करना।	हिन्दी विषय के साथ एकीकृत-सर्वनाम शब्दों का प्रयोग करते हुए वाक्य निर्माण करना सिखाना। संस्कृत में लिंगानुसार संख्याओं का प्रयोग करना सिखाना।	वचन एवं लिंगानुसार सर्वनाम शब्दों का वर्गीकरण। शरीर का चित्र निर्माण कर उसके अंगों के नाम लिंगानुसार संख्यावाची शब्दों का प्रयोग कर संस्कृत में लिखें।
जुलाई	मध्यमः पुरुषः (दोनों लिंगों में) उत्तमः पुरुषः (दोनों लिंगों में)	धातु रूप -खाद्, कृ, गम्, दृश् (लट् लकार)	संस्कृत में वार्तालाप करने की क्षमता का विकास करना। लिंग-वचन-पुरुष सम्बन्धी अशुद्धियों का ज्ञान। धातु रूपों का ज्ञान एवं प्रयोग।	हिन्दी विषय के साथ एकीकृत-संस्कृत में वार्तालाप करना सिखाना। वाक्यों में लिंग-वचन-पुरुष सम्बन्धी अशुद्धियों पर चर्चा/परिचर्चा। धातु रूपों के निर्माण एवं प्रयोगपर चर्चा/परिचर्चा।	संस्कृत में वार्तालाप

	श्लोकाः (केवलं गायनाय)		श्लोकों का शुद्धोच्चारण तथा सस्वर वाचन करने में समर्थ होंगे।	संगीत विषय के साथ एकीकृत — श्लोकों का शुद्धोच्चारण तथा सस्वर वाचन करना सिखाना।	सस्वर—श्लोकगायन (आंतरिक मूल्यांकन)
अगस्त	नवीन—शब्दावली अव्ययपदानि कारकपरिचयः (पठनाय स्मरणाय च) कर्ताकारकः सम्बोधनम् च	कारक परिचय शब्द रूप — बालक, बालिका, फल	कारकचिह्नों , शब्द रूपों का ज्ञान कराना। छात्र मेघालय व अरुणाचल प्रदेश के प्राकृतिक सौंदर्य से अवगत होंगे।	हिन्दी विषय के साथ एकीकृत — कारकचिह्नों का वाक्यों में प्रयोग करना सिखाना। कला के साथ एकीकृत . संस्कृतभाषा में प्राकृतिक वर्णन करना सिखाना।	
सितम्बर	अर्धवार्षिक परीक्षा हेतु पुनराभ्यास कर्म—कारकः(द्वितीया विभक्तिः)	पठित पाठों का पुनराभ्यास द्वितीया विभक्ति के शब्दरूपों का ज्ञान। उपपदविभक्ति (द्वितीया)—प्रति,अनु,गम्, विना चित्र वर्णन	पठित पाठों के पुनराभ्यास पर चर्चा/परिचर्चा उपपदविभक्ति का ज्ञान व प्रयोग।	हिन्दी विषय के साथ एकीकृत — द्वितीया विभक्ति के शब्दरूपों का ज्ञान व प्रयोग करना सिखाना।	
अक्तूबर	करण—कारकः(तृतीया विभक्तिः)		तृतीया व चतुर्थी विभक्ति के शब्दों का लिंगानुसार तथा वचनानुसार	हिन्दी विषय के साथ	

	सम्प्रदान-कारक: (चतुर्थी विभक्ति:)	उपपदविभक्ति (तृतीया)-सह, अलम्, विना उपपदविभक्ति (चतुर्थी) -दा, नमः, रुच्	वाक्य में प्रयोग करने की योग्यता विकास करना। उपपदविभक्ति का ज्ञान व प्रयोग।	एकीकृत- तृतीया व चतुर्थी विभक्ति के शब्दरूपों को लिंगानुसार तथा वचनानुसार वाक्य में प्रयोग करना सिखाना। उपपदविभक्तियों का वाक्य में प्रयोग करना सिखाना।	
नवम्बर	अपादान-कारक: (पंचमी विभक्ति:) सम्बन्ध-कारक: (षष्ठी विभक्ति:)	शब्द रूप- अस्मद्, युष्मद् अपठित अवबोधनम्	छात्र पंचमी व षष्ठी विभक्ति के शब्दों का लिंगानुसार तथा वचनानुसार प्रयोग करने की योग्यता का विकास। पठित पाठों का पुनराभ्यास शब्द-रूपों का ज्ञान व प्रयोग। अपठित गद्यांश के आधार पर पूछे गए प्रश्नों को हल करने की योग्यता का विकास।	हिन्दी विषय के साथ एकीकृत- पंचमी व षष्ठी विभक्ति के शब्दरूपों को लिंगानुसार तथा वचनानुसार प्रयोग करना सिखाना। शब्द-रूपों का वाक्यों में प्रयोग करना सिखाना। अपठित गद्यांश के आधार पर पूछे गए प्रश्नों को हल करना सिखाना।	अपने परिवार/ मित्र के विषय में संस्कृत में पाँच वाक्य बताएँ। (आंतरिक मूल्यांकन)
दिसम्बर	अधिकरण-कारक:(सप्तमी विभक्ति:)	शब्द परिचय व वाक्य निर्माण	सप्तमी विभक्ति के शब्दों का लिंगानुसार तथा वचनानुसार प्रयोग करने की योग्यता का विकास। संस्कृत में शब्द ज्ञान व वाक्य निर्माण करने की क्षमता का विकास।	हिन्दी विषय के साथ एकीकृत- सप्तमी विभक्ति के शब्दरूपों को लिंगानुसार तथा वचनानुसार प्रयोग करना सिखाना। एक भारत श्रेष्ठ भारत के अन्तर्गत कला एवं विविध विषयों के साथ समन्वित गतिविधि	मेघालय /अरुणाचल प्रदेश/उत्तर प्रदेश के पशु पक्षियों के 12 नाम सचित्र संस्कृत और हिन्दी में

		<p>शब्द रूप- किम् (तीनों लिंगों में)</p> <p>संख्या ग्यारह से बीस तक</p> <p>संकेताधारित: वार्तालाप:</p>	<p>शब्द रूप- किम् के आधार पर प्रश्ननिर्माण करने की योग्यता का विकास।</p> <p>संस्कृत में संख्यावाची शब्दों का ज्ञान व प्रयोग।</p> <p>मंजूषा की सहायता से संवाद-पूर्ति करने की योग्यता का विकास।</p>	<p>संस्कृतभाषा में प्रश्ननिर्माण करना सिखाना।</p> <p>संस्कृत में संख्यावाची शब्दों के प्रयोग पर चर्चा/ परिचर्चा।</p> <p>मंजूषा की सहायता से संवाद-पूर्ति करना सिखाना।</p>	<p>लिखकर उनसे सम्बन्धित एक-एक वाक्य संस्कृत में लिखते हुए एक आकर्षक 'टेबल कैलेंडर' का निर्माण करें। (एक भारत श्रेष्ठ भारत गतिविधि)</p>
जनवरी	<p>लृट् लकार:</p> <p>अभ्यास प्रश्नपत्रम्</p>	<p>धातु रूप - पठ्, गम्, दृश्, कृ (लृट् लकार)</p> <p>शब्द रूप- तत् (तीनों लिंगों में)</p> <p>चित्र वर्णन</p>	<p>लृट् लकार की क्रिया के साथ उचित कर्ता का प्रयोग करने की योग्यता का विकास।</p> <p>वाक्य निर्माण करने की क्षमता का विकास।</p>	<p>कला के साथ एकीकृत.</p> <p>लृट् लकार की क्रिया के साथ कर्ता का प्रयोग करना सिखाना।</p>	<p>लट् लकार के वाक्यों को लृट् लकार में परिवर्तित कर चार्ट बनाएँ।</p>
फरवरी	<p>पुनरावृत्ति व संकलित परीक्षा</p>	<p>पुनरावृत्ति</p>	<p>पठित पाठों का पुनराभ्यास</p>		

SUBJECT : FRENCH

Textbooks: Apprenons Le Francais 2 (Coursebook) & Cahier D'exercise (Workbook)

MONTH	LESSON	LEARNING OBJECTIVES	GRAMMAR	INNOVATIVE PEDAGOGY / ACTIVITIES WITH ART INTEGRATION	LEARNING OUTCOMES
April	L — 0 Un coup d'oeil sur la France L —1. Voilà le frère et la sœur de Manuel	<ul style="list-style-type: none"> • Introduction to french culture • Describe a person • Human body 	<ul style="list-style-type: none"> • Alphabets, accents, nouns • Subject pronouns, 'er' verbs • Definite articles 	<ul style="list-style-type: none"> • Describing oneself in French (3-4 sentences) 	Students will be able to describe a person.
May	L — 2. A la cafeteria	<ul style="list-style-type: none"> • Choosing something at a cafeteria 	<ul style="list-style-type: none"> • 'Ir' verbs • Plural of nouns • Indefinite articles 	<ul style="list-style-type: none"> • Role play at a cafeteria between two friends 	Students will be able to order something at a cafeteria.
July	L — 3. Mon pays L-4. Les parents de Manuel	<ul style="list-style-type: none"> • Tell one's nationality • Give personal information • Inquire about an object or a person • Professions 	<ul style="list-style-type: none"> • Feminine and plural forms of adjectives • Negation • 'Ger' verbs 		Students will be able to give their personal information and to inquire about an object or a person.
August	L— 5. C'est Noel	<ul style="list-style-type: none"> • Seasons 	<ul style="list-style-type: none"> • Other verbs • Expressions with 'faire' verb • Negation (continued) 		Students will know about seasons.
September	Revision For Half Yearly Exam				

MONTH	LESSON	LEARNING OBJECTIVES	GRAMMAR	ACTIVITIES WITH ART INTEGRATION	LEARNING OUTCOMES
October	L — 6. Allons a l'école	<ul style="list-style-type: none"> Talking about objects Directions 	<ul style="list-style-type: none"> 'Re' verbs Prepositions Ordinal and cardinal numbers 	<ul style="list-style-type: none"> Telling the exact place or position of classroom objects using prepositions. 	Students will be able to talk about different objects and ask about directions.
November	L — 7. Dans un grand magasin	<ul style="list-style-type: none"> Inquire about objects in a shop Clothes 	<ul style="list-style-type: none"> Contracted articles Interrogation Irregular verbs 	<ul style="list-style-type: none"> Inquiring in a shop (role play) 	Students will be able to inquire about objects in a shop.
December	L — 8. Les repas L — 9. Ma maison	<ul style="list-style-type: none"> Ask and tell about one's preferences Describe a place Ask personal questions French meals 	<ul style="list-style-type: none"> Partitive articles Possessive adjectives 	<ul style="list-style-type: none"> Students to make a PPT on general terms related to vegetation and wildlife. 	Students will be able to tell about their preferences.
January	L-10. Une lettre de Rouen	<ul style="list-style-type: none"> Format of an informal letter How to describe a city 	<ul style="list-style-type: none"> Irregular verbs Revision of previous grammar topics 		Students will know format of an informal letter.
February	Revision For Final Exam				

ART INTEGRATED PROJECT

Chapter	Mon pays
Subject Integrated	French, Science and IT
Learning Objectives	Students will be able to use general terms related to vegetation and wildlife in French language.
Description	Students to make a PPT on general terms related to vegetation and wildlife.

SUBJECT – MATHEMATICS

Text Book: Mathematics (NCERT)

MONTH/ DAY	TOPICS	SUB TOPIC	LEARNING OBJECTIVES	LEARNING OUTCOMES	INNOVATIVE PEDAGOGY/ ART INTEGRATION	LAB ACTIVITY/PROJECT WORK
April	<ul style="list-style-type: none"> Knowing our Numbers 	<ul style="list-style-type: none"> Big and small numbers Indian and International system Comparison of numbers Roman Numerals Estimation 	<ul style="list-style-type: none"> Demonstrate an understanding of place value for numbers Solves problems involving large numbers. 	<ul style="list-style-type: none"> solves problems involving large numbers by applying appropriate operations (addition, subtraction, multiplication and division) 	<ul style="list-style-type: none"> Collect advertisements from newspapers having numbers up to 8 digits, e.g., cost of property, total population of different towns, etc. and perform operations on them. 	
	<ul style="list-style-type: none"> Whole numbers 	<ul style="list-style-type: none"> Natural number Whole number Representation of whole numbers on a number line Properties of whole numbers 	<ul style="list-style-type: none"> Relate the whole numbers with real life and learn its applications 	<ul style="list-style-type: none"> Understand the properties of whole numbers. 	<ul style="list-style-type: none"> Observe pattern in whole numbers and classify them. 	<ul style="list-style-type: none"> To verify that addition and multiplication are commutative for whole numbers by paper cutting and pasting method
May	<ul style="list-style-type: none"> Basic geometric ideas 	<ul style="list-style-type: none"> Points, line, line segments and rays Curves and polygons Angles, triangles and quadrilaterals Circles 	Demonstrate an understanding of Geometrical shapes by <ul style="list-style-type: none"> Identifying examples in the environment Classifications Measurement Construction and labelling 	<ul style="list-style-type: none"> Students will be able to describe geometrical ideas like line, line segment, open and closed figures, angle, triangle, quadrilateral, circle, etc., with the help of examples in surroundings Students will be able to identify various parts of the circle. 		<ul style="list-style-type: none"> To find the following parts of the circle centre of circle by paper folding: <ul style="list-style-type: none"> ➔ Centre ➔ Diameter and chord ➔ Major and Minor Segment ➔ Major and Minor sector

July	<ul style="list-style-type: none"> Playing with numbers 	<ul style="list-style-type: none"> Factors & Multiples Prime and composite numbers Divisibility tests Common factors & Multiples Prime factorization HCF and LCM 	<ul style="list-style-type: none"> Demonstrate an understanding of factors and multiples Identify prime and composite numbers Solve problems involving factors or multiples 	<ul style="list-style-type: none"> Students will be able to recognize and appreciate (through patterns) the broad classification of numbers as even, odd, prime, co-prime, etc. 		<ul style="list-style-type: none"> To find out the prime numbers between 1 -1 00 by using the sieve of Eratosthenes.
	<ul style="list-style-type: none"> Ratio and Proportion 	<ul style="list-style-type: none"> Ratio, Equivalent ratios Comparison of ratios Proportion Unitary method 	<ul style="list-style-type: none"> Demonstrate an understanding of ratio, concretely, pictorially and symbolically 	<ul style="list-style-type: none"> Students will learn and appreciate the importance of ratios and unitary method Students will be able to solve the word problems related to ratio and proportions. 	<ul style="list-style-type: none"> Describe situations involving the need for comparing quantities by taking ratio. Discuss and solves word problems that use ratios and unitary method 	
August	<ul style="list-style-type: none"> Fractions 	<ul style="list-style-type: none"> Conversion of fractions Comparison of fractions Operations on fractions 	<ul style="list-style-type: none"> Relate improper fractions to mixed fractions Operations on fractions 	<ul style="list-style-type: none"> Students will be able to understand the method of addition of fractions. 		<ul style="list-style-type: none"> To add like fractions by paper cutting method.
	<ul style="list-style-type: none"> Decimals 	<ul style="list-style-type: none"> Decimals as tenths and hundredths Representation of decimals on number line Comparison of decimals Addition and subtraction of decimals Application of decimal numbers in real life 	<ul style="list-style-type: none"> Demonstrate an understanding of addition and subtraction of decimals concretely, pictorially and symbolically. 	<ul style="list-style-type: none"> Students will understand the concept of decimals and its representation. Students will be able to solves problems on daily life situations involving addition and subtraction of fractions / decimals 		<ul style="list-style-type: none"> To represent decimal numbers on a 10 x 10 grid

September		Revision (Half Yearly Examination)				
October	<ul style="list-style-type: none"> Integers 	<ul style="list-style-type: none"> Negative numbers Integers and ordering of integers Operations on integers 	<ul style="list-style-type: none"> Demonstrate an understanding of integers, concretely, pictorially, and symbolically 	<ul style="list-style-type: none"> Students will understand the need of using negative numbers. Students will learn addition and subtraction of integers. 	<ul style="list-style-type: none"> Create and discuss daily life situations involving the use of negative numbers with the help of story telling 	<ul style="list-style-type: none"> To add given integers by paper cutting method
	<ul style="list-style-type: none"> Mensuration 	<ul style="list-style-type: none"> Perimeter of square, rectangle and equilateral triangle Area of square and rectangle 	<ul style="list-style-type: none"> Demonstrate and apply a formula for determining the area and perimeter of rectangles & squares 	<ul style="list-style-type: none"> Students will be able to understand the concept of area and perimeter and measure it. Students will be able to apply the area and perimeter in their surroundings. 	<ul style="list-style-type: none"> Finds out the perimeter and area of rectangular objects in the surroundings like floor of the class room, surfaces of a chalk box etc. 	<ul style="list-style-type: none"> To find the perimeter and area of given rectangle and an irregular shape using counting of squares method
November	<ul style="list-style-type: none"> Understanding elementary shapes Symmetry 	<ul style="list-style-type: none"> Measuring and comparing line segments Measuring and comparing line angles Various types of triangles Quadrilaterals and polygons Three-dimensional figures Nets of solid <p>(Activity Based Chapter)</p>	<ul style="list-style-type: none"> Demonstrate an understanding of Geometrical shapes by <ul style="list-style-type: none"> Identifying examples in the environment Classifications Measurement Construction and labelling 	<ul style="list-style-type: none"> Students will be able to demonstrate an understanding of angles and shapes by <ul style="list-style-type: none"> identifying examples of angles and shapes in the surroundings classifying angles and shapes according to their measure and properties. 	<ul style="list-style-type: none"> Make different shapes with the help of available materials like sticks, paper cutting, etc Share the concept of angles through some examples like opening the door, opening the pencil box, etc. Students can be asked to give more such examples from the surroundings 	<ul style="list-style-type: none"> To classify the triangles on the basis of sides and angles from the given set of triangles.

December	<ul style="list-style-type: none"> Data Handling 	<ul style="list-style-type: none"> Tally Marks Bar graph 	<ul style="list-style-type: none"> Create, label and interpret bar graphs to draw conclusions. 	<ul style="list-style-type: none"> Students will recognize the need for data representation and will be able to represent it using pictograph and bar graph. 	<ul style="list-style-type: none"> Collect advertisement from the newspapers showing various representations of data with the help of pie chart, bar graph etc and read them. 	<ul style="list-style-type: none"> ART INTEGRATED PROJECT: Represent the data related to number of tigers and elephants on a bar graph.
	<ul style="list-style-type: none"> Introduction to Algebra 	<ul style="list-style-type: none"> Variables Constants Algebraic expressions Solution of linear equations 	<ul style="list-style-type: none"> Use patterns to describe the world and solve problems. Demonstrate an understanding of the relationships within tables of values to solve problems. 	<ul style="list-style-type: none"> Students will understand the need of variables and will be able to express mathematical situations using variables. 	<ul style="list-style-type: none"> Explore and generalize the need of using variables alphabets through storytelling Using variable with different operations to generalize a given situation. e.g., Perimeter of a rectangle with sides x units and 3 units is $2(x+3)$ units 	
January	<ul style="list-style-type: none"> Practical Geometry 	<ul style="list-style-type: none"> Construction of Circle Construction of Perpendicular Bisectors Construction of angles 	<ul style="list-style-type: none"> Construct some basic geometrical shapes using scale and compass. 	<ul style="list-style-type: none"> Students will learn to construct various shapes and real-life application of construction. 	<ul style="list-style-type: none"> Construction of various angles and geometrical shapes using compass and ruler. Discussion on use of mathematical construction in the field of architecture. 	
Tab Lab				<p>After every chapter we take students for online assessment using Khan Academy Modules. Students are asked to solve a set of questions available online which help in assessing and building their understanding of the given topic.</p>		

SUBJECT- SCIENCE

TEXT BOOK:

SCIENCE - 'LIVING SCIENCE' -RATNA SAGAR SERIES.

MONTH	UNIT/TOPIC	SUB TOPIC	LEARNING OBJECTIVES	ACTIVITY/PEDAGOGY	LEARNING OUTCOMES
April	Sources of food.	Food, food from plants and animals, food habits of animals, decomposers.	To introduce the topic of Food variety, food from plants, food from animals, food habits of animals, decomposers.	Find out the names of plants and their parts that are eaten as food.	Students acquire the basic understanding of sources of food i.e. plants and animal and importance of food chain in the environment.
	Components of food	Components of Food- Carbohydrates, fats, proteins, vitamins and minerals, water, roughage, balanced diet, obesity loss of nutrients.	To help them understand the components of Food- Carbohydrates, fats, proteins, vitamins and minerals, water, roughage, balanced diet, obesity loss of nutrients.	To test the presence of starch, fat and protein in the given food sample.	They are enabled to classify the important components of food and plan out balanced diet for different age group . They also get an idea of deficiency diseases.
May	Sorting materials into groups.	Classification of objects, materials, properties of materials. To find out the various techniques which can be applied to separate different components from a mixture.	To enable them to classify objects, materials and learn properties of materials.	Collect materials which are transparent, opaque and translucent and observe how much light they allow to pass through them.	They are able to distinguish materials on the basis of various parameters like, density, lusture, opacity, physical state etc.
	Fibre to Fabric	HANDOUTS As per assigned schedule / details.	To give them a basic understanding of the types of animal fibres.	Collect different varieties of fabrics. Paste in your scrap book and label it appropriately	They gain the understanding of different types of animal fibres and the process of preparation of the fibres into fabric.
July	Separation of substances	Need of separation of substances in a mixture, methods of separation, use of	To impress upon them the need of separation of substances in a mixture, methods of separation, use	To observe the solubility of various solid substances in water.	They get an idea of separating mixtures into useful components by various techniques such as :

	Measurement and Motion	<p>more than one method of separation, water as a solvent, solution.</p> <p>REVISION</p> <p>Story of transport, measurement, measurement of length, concept of rest and motion, types of motion</p>	<p>of more than one method of separation, water as a solvent, solution. To enable them to find out the various techniques which can be applied to separate different components from a mixture.</p> <p>To narrate them the story of transport. To enable them to understand the basic techniques of measurement, measurement of length, concept of rest and motion, types of motion</p>	<p>To separate the mixture of sand and iron filling. To demonstrate the technique of sedimentation decantation and filtration To find out the various techniques which can be applied to separate different components from a mixture.</p> <p>To measure the length of a curved line using a thread or a compass.</p>	<p>Sedimentation and decantation, filtration, distillation , separating funnel, sieving , winnowing and many more.</p> <p>They are able to understand the basic techniques of measurement, measurement of length, concept of rest and motion, types of motion.</p>
August	Changes around us Body movements	<p>Reversible changes, irreversible changes, how to make changes take place? Changes caused by heating or cooling by pressures & by mixing.</p> <p>Skeletal system, parts of the skeleton, human body and its movements, joints, muscular system, locomotion in animals.</p>	<p>To classify changes into Reversible changes, irreversible changes, how to make changes take place? Changes caused by heating or cooling by pressures & by mixing.</p> <p>To give them an introduction of skeletal system, parts of the skeleton, human body and its movements, joints, muscular system, locomotion in animals.</p>	<p>To observe the state of change in ice to water, the preparation of any food item.</p> <p>To identify the given samples of bone.</p>	<p>They are able to classify changes into chemical , physical as well as learn the characteristics of each type of change.</p> <p>An understanding of the organ systems involved in body movements is acquired by the students. They learn about the skeletal system in detail.</p>

September	Living & Non-Living	Distinguishing Characteristic with examples, unicellular, multicellular organisms, and cell structure.	To help them to distinguish living and non-living things. Characteristic with examples, unicellular, multicellular organisms, and cell structure.	Enlist some five living things and non-living things in your surroundings.	They are able to distinguish living and non-living things. They become aware of the characteristic of living and non-living things with examples, unicellular, multicellular organisms, and cell structure
	Living Organisms and Their Surroundings	Habitat, components of the environment, adaptation, kinds of habitat, difference between living and non-living things.	To introduce the concept of habitat, components of the environment, adaptation, kinds of habitat, difference between living and non-living things.	Collect pictures of animals and plants from newspaper & magazines and classify them according to their habitats .	They are able to understand the concept of habitat, components of the environment, adaptation, kinds of habitat, difference between living and non-living things.
October	Light, Shadows and Reflections.	Sources of light, transparent, translucent and opaque objects, light travels in a straight line, shadows, characteristics of light, pinhole camera, mirrors and reflection of light	To help them gain knowledge of Sources of light, transparent, translucent and opaque objects, light travels in a straight line, shadows, characteristics of light, pinhole camera, mirrors and reflection of light	To show light travels in a straight line. To study the nature of image formed by a plane mirror.	Students acquire the basic understanding of sources of light, transparent, translucent and opaque objects. Rectilinear propagation i.e. light travels in a straight line, shadows, characteristics of light, pinhole camera, mirrors and reflection of light
November	Air Around us	Air is present all around us, atmosphere, composition of air, presence of oxygen in water and soil, balance of oxygen	To give them basic understanding that Air is	Activities to show that: (i) Air occupies space. (ii) Air has Mass. (iii) Air is present in soil	Students get the basic understanding that Air is present all around us, They learn about composition of air, presence of oxygen in water and soil. They are able to draw oxygen cycle in nature.

		and carbon dioxide in nature, uses of air	present all around us, atmosphere, composition of air, presence of oxygen in water and soil, balance of oxygen and carbon dioxide in nature, uses of air		
	Electricity and Circuits	Electric cell, electric circuit, electric bulb, how does an electric torch work? Electric conductors and insulators, electrical safety. Concept of rest and motion, types of motion.	To introduce Electric cell, electric circuit, electric bulb, how does an electric torch work? Electric conductors and insulators, electrical safety.	To study the inside of a dry cell. To find out an open and a closed circuit. To prepare a circuit both open and closed .	They get the knowledge of Electric cell, electric circuit, electric bulb, how does an electric torch work? They can draw electric circuit.
	Water	Uses of water, importance of water for living organisms, sources of water, different states of water, importance of rainfall, water problem, rainwater harvesting	To impress upon them the importance of water for living organisms, sources of water, different states of water, importance of rainfall, water problem, rainwater harvesting	To find out hard and soft water from the given sample.	They understand the importance of water for the survival of all creatures . They are able to draw water cycle. They are sensitized to save water.
December	Getting to know plants	Climbers and creepers, parts of a plant, root and shoot systems, the leaf, flowers, Pollination, fertilization, dispersal of seeds	To introduce Climbers and creepers, parts of a plant, root and shoot systems, the leaf, flowers, Pollination, fertilization, dispersal of seeds	To identify different parts in a given sample of flower, shoot system and root system (type of root). CROSS CURRICULAR INTEGRATION ACTIVITY: THEME : VEGETATION AND WILD LIFE Collect samples of leaves found in different types of Habitats. Dry these leaves and paste them in a scrap book. Co-relate the types of venation seen in these	They get the knowledge of various parts of a plant and their functions. They get an understanding that flower is the reproductive part of the plant. They become aware of the structure of flower and functions of various parts of flower.

	Fun with magnets	Discovery of magnet, natural and artificial magnets, properties of a magnet, magnetic compass, methods of making a magnet, handling magnets, uses of magnets. REVISION	To give them an idea of discovery of magnet, natural and artificial magnets, properties of a magnet, magnetic compass, methods of making a magnet, handling magnets, uses of magnets.	leaves with their root system. Write common names of these plants and also their scientific name . To study the directional property of a magnet. To prove like poles, repel and unlike poles attract.	To get an idea of discovery of magnet, natural and artificial magnets. They are able to elucidate the properties of a magnet, magnetic compass, They learn the methods of making a magnet, handling magnets, uses of magnets.
January	Garbage in and Garbage out.	Sources of waste, types of wastes, how to reduce the generation of garbage? Disposal of garbage, plastic-boon or curse? Benefits of waste management. REVISION	To give them knowledge of Sources of waste, types of wastes, how to reduce the generation of garbage? Disposal of garbage, plastic-boon or curse? Benefits of waste management.	Enlist few biodegradable items & recyclable materials.	To get the knowledge of Sources of waste. They are able to classify wastes into different types. They know how to reduce the generation of garbage? They learn about proper disposal of garbage, plastic-boon or curse? Benefits of waste management.

SUBJECT: SOCIAL SCIENCE

MONTH	UNIT/ CHAPTER	SUB TOPICS	LEARNING OBJECTIVES	INNOVATIVE PEDAGOGY/ ART INTEGRATION	LEARNING OUTCOMES
April	What, where, how and when (HISTORY)	- Finding out what happened, What can we know about the past etc? What do dates mean?	- Familiarize the learner with the major developments to be studied. -Develop an understanding of the Historical terms used during the time frame.	Map Skills – Physical map of the subcontinent. Activity-Prepare a manuscript using palm leaf/birch bark/paper	Students would be able to - -Identify different types of sources and describe their uses in reconstruction of history of this period.
	Understanding Diversity (SOCIALAND POL. LIFE)	-How do we explain diversity, Diversity and interdependence, India-A land of diversity, Unity in diversity	-To enable Learners to understand and appreciate various forms of diversity in their everyday environments, -Develop a sensitivity towards pluralism & interdependence	-Analyze diversity within the class using various identifiers	-Describes various forms of human diversity around him/her. -Develops a healthy attitude towards various kinds of diversity around them.
	The Earth in the Solar System (GEOGRAPHY)	Stars, Constellations, Sun, Planets, The Earth, The Moon, Asteroids and Meteoroids	-To understand the unique place of the earth in the solar system, - Provides ideal condition for all forms of life	Prepare a video on solar system using adobe spark software.	-Students will learn about the Stars, Constellations, galaxy, Solar System, Planets, Moon, Asteroids, Meteoroids, Comets
May	Diversity and Discrimination (SOCIALAND POL. LIFE)	- Prejudice - Creating stereotype - Inequality and Discrimination - Striving for Equality	To learn how prejudice can lead to discrimination. Understand the difference between diversity & inequality Understand that the Constitution compels us to respect diversity.	Observe and make a list of examples of fair/unfair treatments to people in the family, school and society.	-Recognizes various forms of discrimination, understands the nature, and source of discrimination. -Differentiate between equality and inequality in various forms and to treat them in a healthy way.
July	Motions of the Earth (GEOGRAPHY)	- Rotation and Revolution -Summer Solstice and Winter Solstice	To enable students to understand about the motions of the Earth, Its significance.	-Drawing of diagrams: showing inclination of earth, Revolution of earth and seasons.	-Students to explain Rotation and Revolution of Earth .-Reasons for the occurring of seasons.

May	Globe : Latitudes and Longitudes (GEOGRAPHY)	<ul style="list-style-type: none"> - Different heat zones of the Earth - Longitude and time - Local time and Standard Time - International Date Line 	<p>-To understand two motions of the earth and their Effect. To make learners how standard time is calculated.</p>	<p>Draw the diagram showing different heat zones of the earth. ACTIVITY- Students to make a model of Globe using waste materials available at homes.</p>	<p>Students will be able to :</p> <ul style="list-style-type: none"> -Understands the earth is a unique celestial body due to existence of life. -Define Parallels of latitudes and meridians of longitudes. -Will be able to calculate the standard time for various countries.
	What is Government? (SOCIAL AND POL. LIFE)	<ul style="list-style-type: none"> -Need and levels of government -Laws and the government - Types of government 	<ul style="list-style-type: none"> -To enable learners about Government & why government is required. -Need to make decisions with collective sanction. 	<p>Make a table showing the works done by Local, State and Union.</p>	<ul style="list-style-type: none"> -The role of government, especially at local level. - Levels of the government Local, State and Union.
July	From Hunting-Gathering to growing food (HISTORY)	<ul style="list-style-type: none"> - Early people and Nomadic Life, Stone Age Making stone tools, Discovery of fire, Rock paintings - Humans as domesticators of animals or herders - Towards a settled life - customs and practices - Mehrgarh 	<p>To Make Learners- Identify stone artefacts as archaeological evidence, Making deductions from them. - Appreciate the diversity of early domestication. - Identify the material culture generated by people in relatively stable settlements.</p>	<p>MAP SKILLS-On important Archaeological sites. ACTIVITY: Making of Stone tool with the materials available at home and a brief presentation about the same</p>	<ul style="list-style-type: none"> -Identify and locate the Archaeological sites. -Learn the technique of making stone tools. -Students to recognize the effects of the introduction of farming and herding. -Identify archaeological evidence of early crops, animals, houses, tools and pottery.
				<p>Activity: Torch and globe Showing revolution of the earth and seasons.</p>	
	In the Earliest cities (HISTORY)	<ul style="list-style-type: none"> - The story of Harappa -Decline of the Indus Valley Civilization -Harappan towns in Gujarat 	<p>Enable learners to identify the distinctive life in cities. -Understand how this is used to reconstruct processes such as craft production.</p>	<p>Map Skills: On an outline map of India Locate the important Harappan sites.</p>	<ul style="list-style-type: none"> -Students to Recognize distinctive features of Early human cultures and Explain their growth.

	Key elements of a Democratic government (SOCIAL AND POL. LIFE)	<ul style="list-style-type: none"> - Ending of racial discrimination - Ways of participation - Equality and justice 	<ul style="list-style-type: none"> - Recognize the need for universal adult franchise, - Understand key elements that influence the functioning of democracy. 	<ul style="list-style-type: none"> - Group Discussion on the need of Elections. 	<ul style="list-style-type: none"> - Understand the need to exercise their vote. - How as citizens they can work with their government for an effective democracy.
	Maps (GEOGRAPHY)	<ul style="list-style-type: none"> - Essential component of a map - Types of maps - Uses of maps 	To introduce the basic skills of map reading. Give Students elementary knowledge about Map, Sketch and Plan.	<ul style="list-style-type: none"> - Draw a plan for your school building - Draw a sketch showing route from your school to home. 	<ul style="list-style-type: none"> - To describe Essential components of map. - Recognize the Uses of map. - Use of scale, symbol and direction accurately.
August	What books and burials tell us (HISTORY) (TO BE TAKEN AS PROJECT WORK)	<p>The Vedas: Rig-Veda: Prayers and Battles</p> <ul style="list-style-type: none"> - What skeletal studies tell us - Story of the Megaliths 	<ul style="list-style-type: none"> - Introduce simple strategies of textual analysis of ancient times. 	Students to make a project file on Special burial at Inamgaon.	<ul style="list-style-type: none"> - To appreciate Different developments taking place in Different parts of the subcontinent.
August	Major Domains of the Earth (GEOGRAPHY)	<ul style="list-style-type: none"> - Lithosphere - Hydrosphere - Atmosphere - Biosphere 	<p>To tell about the 4 realms of the earth: lithosphere, hydrosphere, atmosphere and biosphere: continents & oceans.</p> <p>To understand interrelationship of the realms of the Earth.</p>	<ul style="list-style-type: none"> - Diagrams- Water cycle and Layers of atmosphere. 	<ul style="list-style-type: none"> - List the four spheres of earth. - Explain the characteristics of Lithosphere, Critical facts about hydrosphere, analysis of atmosphere and Biosphere.
	Kingdoms, kings and an early republic (HISTORY)	<ul style="list-style-type: none"> - How some men became rulers, Varnas, Janapadas and Mahajanapadas, Taxes, Magadha and Vajji 	<ul style="list-style-type: none"> - Introduce the concept of the state and its varieties. - Understand the use of textual sources in this context. 	<ul style="list-style-type: none"> - Map skills-On important Janapads & Mahajanapads. General Talk -Types of taxes paid by people. 	<ul style="list-style-type: none"> - Students to recognize distinctive features of Early human cultures and Explain their growth.
	Panchayati Raj (SOCIAL AND POL. LIFE)	<ul style="list-style-type: none"> - Structure of Panchayati Raj - Nyaya Panchayat 	<ul style="list-style-type: none"> - Understand local level of government functioning. Learn the workings of the Panchayati raj & appreciate its importance. 		<ul style="list-style-type: none"> - To Explain the structure of government at local level - Elucidate the duties and works of gram sabha and gram panchayat

September	HALF YEARLY	REVISION			
October	New Questions and Ideas (HISTORY)	<ul style="list-style-type: none"> - The Upanishads - Jainism and Buddhism 	<ul style="list-style-type: none"> -Outline the basic tenets of these systems of thought, and the context in which they developed and flourished. -Introduce excerpts from sources relating to these traditions. 	Story Telling- Jatak stories on the life of Buddha and Mahavira	<ul style="list-style-type: none"> -Students to describe the causes for the emergence of Buddhism and Jainism. -Narrate the cause for their acceptance by ordinary people. - Inculcate Important teachings of Buddhism and Jainism
	Rural Administration (SOCIAL AND POL. LIFE)	<ul style="list-style-type: none"> - How does rural administration work 	To enable students to learn who performs what role within the local administration.	Make a list of at least 3 Acts that are amended to strengthen the position of women in society.	<ul style="list-style-type: none"> - How disputes are settled at village level -Role of police, Patwari and tehsildar.
October	Major Landforms of the Earth (GEOGRAPHY)	<ul style="list-style-type: none"> - Plateaus - Plains - Mountains 	Enable Learners to Understand Major relief features of the earth.- Mountains, Plateaus, Plains	Map skills-On a world political map Locate - Mountain ranges, plateau. - Diagrams- Fold, Block and Volcanic mountains.	<ul style="list-style-type: none"> -Students to define the Different Types of Landforms. -Identify and Locate the various Types of Landforms.
November	Ashoka, the emperor who gave up war (HISTORY)	<ul style="list-style-type: none"> - Mauryan Empire -Alexander's Invasion -Mauryan administration -Ashoka's war in Kalinga -Ashoka's Dhamma 	Introduce the concept of empire and Dynasties - Show how inscriptions are used as sources.	Map skills-Locating important cities of Mauryan empire.	<ul style="list-style-type: none"> -List out the significant contributions of the important kingdoms, Dynasties with examples like Mauryan Empire.
	Urban Administration (SOCIAL AND POL. LIFE)	<ul style="list-style-type: none"> - Municipality and Municipal Corporation 	Enable learners to understand how the various levels of administration at the local level & how are they interconnected.		To describe the role, works and functions of municipal corporation.
	Our Country-India (GEOGRAPHY)	<ul style="list-style-type: none"> - Extent, size and location - Physical divisions of India 	-To comprehend broad physiographic divisions of India.	. Map skills -India and neighbouring countries, rivers, mountains states and Union Territories	<ul style="list-style-type: none"> -Students to describe the geographical features of India. -Identify neighbouring countries on map. -Describe Physical divisions of India

December	Vital Villages, Thriving Towns (HISTORY) (TO BE TAKEN AS PROJECT WORK)	-Iron tools, agriculture & irrigation -Finding out about the cities-stories, travellers, sculpture and archaeology coins	To enable learners how to use archaeological material including coins, sculpture, as well as textual sources to reconstruct the histories.	Research work on village and town formation in ancient India.	-Demonstrate the variety of Early urban centres-coastal towns, capitals, religious centres. -illustrate the Use of archaeological sources like coins, sculpture & textual sources to reconstruct social and economic history.
December	Traders, kings and pilgrims (HISTORY)	- How to find about trade and traders - The story of the silk route - Spread of Buddhism - Beginning of Bhakti	-Introduce the idea of different contexts of contact between distant lands, and the motivating forces. - Examine the implications of journeys within the subcontinent.	Map Skills: to understand the Silk Route. Discuss the basic ideas of Buddhism and changes in Buddhism.	-Introduce the ideas of contacts between faraway places and What makes them happen -Explore How textual and visual material is used to understand the histories between Different people.
	Rural Livelihood (SOCIAL AND POL. LIFE)	- Life in rural and coastal areas	Students to learn about the life strategies of various groups of people in rural areas. Understand that opportunities for making a living are not equally available to all.	-Prepare a list on various sources of Rural Livelihood.	-Analyse the functioning of rural Local government bodies in sectors like health and education. Various occupations in rural areas.
	India-Climate, Vegetation and Wildlife (GEOGRAPHY)	- Factors Influencing Climate - Climate of India - Cycle of Seasons - Natural vegetation and Wildlife	To tell students about the influence of land, climate, vegetation and wildlife on human life. To develop the need for conserving natural vegetation and wild life.	ART INTEGRATED MULTIDISCIPLINARY PROJECT: To make a photo album (PPT/ Handmade) on any 5 species of migratory birds that come to India during winter Season.	-Students to recognize the Different Seasons in India. - Students to recognise the different type's natural vegetation. -to understand the Need for the conservation of forest and wildlife.
January	New empires and kingdoms (HISTORY)	- Prashastis and what they tell us - Harshavardhana and the Harshacharita - The pallavas, chalukyas and prashasti,	To enable students understand the development of different administrative systems of ancient India. -Understand how prasastis and caritas are used to reconstruct political history.	Map skills on some important cities and kingdoms. Role play and storytelling on the events related to the life Harshvardhana	-Introduce the ideas that strategies of expansion and their logic differ -Explain the development of Different administrative systems.

		-Assemblies in southern kingdom.			
January	Buildings, paintings and books (HISTORY)	<ul style="list-style-type: none"> - The Iron Pillar -How were stupas and temples built? - Paintings - The world of books - Recording and preserving old stories -Stories told by ordinary people -Writing books on science 	-Introduce excerpts from texts and visual material for analysis and appreciation.	Making of PPT on various stupas and temples of ancient India.	-Outlines significant contributions in culture and science viz. astronomy, medicine, mathematics and knowledge of metals.
	Urban Livelihood (SOCIALAND POL. LIFE)	-Life in urban areas	To enable learners understand conditions that underline and impact life strategies of various groups of people in cities Comprehend that these conditions and opportunities for making a living are not equally available to all.	Describe case studies of nearby localities in respect of occupations.	-Analyse the functioning of urban government bodies in sectors like health and education -describes factors responsible for availability of different Occupations undertaken in urban areas.
February	REVISION FOR FINAL EXAMINATION				

TEXT BOOK: OUR PASTS-1 (NCERT TEXTBOOK IN HISTORY)
THE EARTH-OUR HABITAT (NCERT TEXTBOOK IN GEOGRAPHY)
SOCIALAND POLITICAL LIFE-1 (NCERT TEXTBOOK IN CIVICS)

SUBJECT: DANCE

TEXT BOOKS:

MONTH	CONTENT	DANCE PRACTICAL	LEARNING OUTCOMES/SKILL DEVELOPMENT	METHODOLOGY/ SUGGESTED WAY OF APPLICATION
April To June	Tattkar and Aamad	Padhant of teen taal	Coordination and team work will be improved.	With the help of instruments like harmonium and percussion for Laya the content has to be taught. Padhant of the content has to be memorized.
July To September	Regional dance (Koli dance), Patriotic dance	Bharat ye rehna chaiye	One dance from Maharashtra. Children will get to know about their cultural costume etc.	Try to show the video clippings of Koli community.
October To December	Chakkar Gat Nikas, Life sketch of legend dancers of kathak. (Concerning the different artists who have served in the developments of this art form	Foot work different laya taal	Learn how to perform different types of chakkar's. They will understand about the rhythm.	Puran chakkar Ardh chakkar
January To March	Salami (Rangmanch ka tukda), Paribhaasik shabad	Different movement of salami paribhaasik shabad (Ang, Pratyang, Upaang)	They will develop knowledge about the Kathak. Their creativity will be enhanced. They will learn and understand Taal Laya.	Padhant of the content has to be memorized and will learn about different body parts to be used in kathak dance.

SUBJECT: MUSIC (Vocal)

S NO	MONTH	CONTENT
1	April-May	Prayer song Alankar Sargam practice
2	July-September	Definition of National Anthem Patriotic song National Song "Vande Mataram" meaning Hindi Geet Guru vandana Karo Rashtra Bhasha se pyar, Hindi Bharat Maa ka Haar
3	October- December	Baapu Prarthna (Vaishnav Jana to) Hindi desh bhakti geet Ram bhajan Chacha Nehru song Christmas song New Year song
4	January-March	Patriotic song Saraswati Vandana Vasant Lok geet Holi lok geet (folk song)

SUBJECT: VISUAL ART

MONTH	TOPIC	LEARNING OUTCOMES	INNOVATIVE PEDAGOGY/ART INTEGRATION/INTER DISCIPLINARY APPROACH	ACTIVITY/PRACTICAL/PROJECT
APRIL	BASIC INTRODUCTION	Making basics of drawing a learning tool to help students open up their mind in being active learner and improve their cognitive skills	Create awareness about the art education as a pedagogical tool to deeper learning	Using pencil and water colour learn the basics
MAY	BASICS OF DRAWING	Learning the basics and taking ahead to create or doodle patterns which will help them in reviewing elements and basic geometry.	Integration with Mathematics (Geometry)	Doodle using lines, shapes by pencil and water colour and apply the knowledge of light and shade as well
JULY	STILL LIFE	Understanding the basics and implement them in object drawing and learn to handle different mediums on still life	Implementing "Art" as a pedagogical tool in classroom	Object drawing using colour pencil
AUGUST	STILL LIFE	Use the basics of drawing skills and understanding as a learning tool	Still life drawing and medium demonstration will be given for better understanding and implementation	Different objects still life composition using water colour and apply the knowledge of light, shade and shadow
SEPTEMBER	NATURE DRAWING	Achieve holistic learning/ understanding including aesthetic education as an integral part of it.	Integration with Social Studies	Outdoor nature elements drawing using water colour and black ink

MID TERM EXAMINATION

OCTOBER	NATURE DRAWING	Integration will strengthen the collaborative teaching and help to understand the topic in a better way	Integration with Science	Outdoor nature drawing using water colour and pencil colours
NOVEMBER	<ul style="list-style-type: none"> • COMPOSITION • DESIGNS 	Using the knowledge gained from the above topics and soft skills to put together and compose the scene by handling different mediums together	Different artists work can be shown as an experimental learning for Pedagogical teaching	Class-room scene composition drawing using water colour and black ink
DECEMBER	DESIGNS	Learning about the rich traditional heritage Indian art forms and taking them forward to design a composition on canvas	Images of different art forms can be shown for better understanding	Design a composition on any Indian folk art like- Madhubani, kalamkari, gond , warli on canvas using acrylic colours
JANUARY	ACTIVITY	Understanding and implementing the ways in which arts is used as a tool of learning	Different artists work can be discussed with students for the development of individual style	Paper cutting activity, Doodling using black pen
FEBURARY	ANNUAL EXAMINATION			

SUBJECT : INFORMATION TECHNOLOGY

Text Book : Reinventing..... IT Planet Streaming without Buffering (PM Publishers Pvt Ltd)

MONTH	TOPIC / LEARNING OBJECTIVES	INNOVATIVE PEDAGOGY/ONLINE LEARNING	LEARNING OUTCOMES
APRIL	<p><u>COMPUTER – ITS COMPONENTS</u></p> <ul style="list-style-type: none"> ○ To explain the different terminologies related to a computer ○ To make the students aware about the different peripherals of the computer <p><u>COMPUTER MEMORY</u></p> <ul style="list-style-type: none"> ○ To explain about the different types of computer memory. 	<p>The concepts will be discussed using ppts and videos during the classes. The assignments will be shared.</p>	<p>Students will understand about the different peripherals of a computer and:</p> <ul style="list-style-type: none"> ○ How does a Computer Work? ○ Different Input and Output devices ○ Different Storage Devices, Processing Device ○ Memory Units ○ Primary, Cache & Secondary Memory
MAY	<p><u>INTERNET SERVICES</u></p> <ul style="list-style-type: none"> ○ To explain all about Internet ○ To make the students understand the different ways to connect to the internet ○ To explain the different services of Internet and how they can search information on it. 	<p>The use and misuse of internet will also be explained through class discussions.</p>	<p>Students will be able to use internet in a better way and:</p> <ul style="list-style-type: none"> ○ Search in a better way ○ Be aware about the threats ○ Understand the services that can be used in a situation like locked down.
JULY	<p><u>MS-EXCEL-CREATING WORKSHEET</u></p> <p>To explain about the use of spreadsheets Generating Series To introduce MS Excel and expose the students to Formulas and Functions</p>	<p>Students will be explained about the concepts of the spreadsheet software (MS Excel). A comparison will be drawn about MS Excel and Google Sheet.</p> <p><u>Concepts of MS-EXCEL</u></p> <ul style="list-style-type: none"> ○ Create a spreadsheet and save files ○ Generating a series ○ Formatting a worksheet & charts ○ Inserting SmartArt and Sparklines 	<p>Students will be able to open and create spreadsheets on MS Excel. The will be able to:</p> <ul style="list-style-type: none"> ○ Work on Worksheets ○ Understand different types of charts ○ Use basic formulas and create a formula ○ Use Functions in Excel ○ Understand Cell reference ○ Understand different Worksheet Views ○ Make Charts in Ms-Excel
AUGUST	<p><u>MS-EXCEL- CREATING CHARTS</u></p> <ul style="list-style-type: none"> ○ To make the students understand the importance and use of Charts. ○ To explain SmartArt and Sparklines 		

<p>SEPTEMBER - OCTOBER</p>	<p><u>WINDOWS MOVIE MAKER</u></p> <ul style="list-style-type: none"> ○ To explain about Windows Movie Maker and its tools. ○ To give them practical exposure to movie making and editing <p style="text-align: center;">HALF YEARLY EXAMINATION</p>	<p>Students will be explained about the concepts of movie making using windows movie maker.</p> <p><u>MOVIE MAKER</u></p> <ul style="list-style-type: none"> ○ Adding Title, Caption and Credits ○ Editing Media Clips ○ Sharing and Saving Your Project 	<p>Students will be able to open and work on Windows Movie Maker. The will be able to: ➤</p> <ul style="list-style-type: none"> ○ Add Photos, Videos or Audio ○ Import Digital Files from External Devices ○ Add Transition effects, Visual effects
<p>NOVEMBER - DECEMBER</p>	<p><u>PROGRAMMING BASICS</u></p> <ul style="list-style-type: none"> ○ Flowcharts ○ Algorithms <p><u>PROGRAMMING IN QBASIC</u></p> <ul style="list-style-type: none"> ○ To explain the basics of QBasic ○ To make the students familiar with the graphic mode of QBasic <p><u>GRAPHICS IN QBASIC</u></p> <ul style="list-style-type: none"> ○ Graphics in Qbasic ○ Working in Graphic mode 	<p><u>GRAPHICS IN QBASIC</u></p> <ul style="list-style-type: none"> ○ Color Command ○ Draw and Circle Command ○ PSET and Line Command 	<p>Students will be able to understand the basics of coding and will be able to open and work on QBasic. The will be able to:</p> <ul style="list-style-type: none"> ○ Draw a flowchart and understand program logic ○ Write algorithms ○ Understand the Elements in Qbasic ○ Create and Save a Program ○ Execute Commands in Qbasic <hr/> <p><u>ART INTEGRATION ACTIVITY</u></p> <p>Movie on 'Protecting Flora & Fauna for our Future' using Windows Movie Maker or any such movie editing software. Further Details will be shared prior to the event.</p>
<p>JANUARY</p>	<p><u>PENCIL 2D</u></p> <ul style="list-style-type: none"> ○ To make students familiar the different tools of Pencil 2D. ○ Students should try and work to animate using Pencil 2D 	<p><u>INTRODUCTION TO PENCIL 2D- ANIMATION SOFTWARE</u></p> <ul style="list-style-type: none"> ○ Introduction to Pencil 2D ○ Starting Pencil 2D <p><u>PENCIL 2D- ANIMATION SOFTWARE</u></p> <ul style="list-style-type: none"> ○ Using Tools Pallete, using layers ○ Animation in Pencil 2D 	<p>Students will be able to work on Pencil 2D, an open source software and use its tools to create animations.</p>
<p>FEBRUARY</p>	<p>REVISION AND FINAL EXAMINATION</p>		

SUBJECT: ARTIFICIAL INTELLIGENCE

MONTH	UNIT	SESSION/ACTIVITY/PRACTICAL	LEARNING OUTCOMES
APRIL - MAY	<p><u>INTRODUCTION TO AI - RECAP</u></p> <ul style="list-style-type: none"> ○ What is AI? ○ The need of AI ○ Use of AI in different fields ○ Turing Test <p><u>AI TIMELINE</u></p> <ul style="list-style-type: none"> ○ Different milestones achieved in the field of AI 	<p><u>Basic Understanding of Artificial Intelligence</u></p> <ul style="list-style-type: none"> ○ What is Artificial Intelligence? ○ Why AI has got all this attention now? ○ What are the different applications of AI? <p style="text-align: center;"><u>TEACHABLE MACHINE – Google Experiment</u></p>	<ul style="list-style-type: none"> ○ Understand the term Artificial Intelligence ○ Comprehend and differentiate between automation and AI ○ Realizing the scope and use of AI in various fields ○ Understanding the good and bad of AI
JULY	<p><u>DOMAINS OF AI</u></p> <p>Data CV NLP</p> <p><u>CODING FOR AI USING SCRATCH</u></p> <p>Using Extensions</p>	<p><u>Basic Understanding of the Domains of AI</u></p> <ul style="list-style-type: none"> ○ AI GAMES ○ What is Computer Vision technology? ○ What is NLP & different applications that use NLP. ○ What is big data? ○ How can data be collected? <p style="text-align: center;"><u>SCRATCH EXTENSIONS</u></p>	<ul style="list-style-type: none"> ○ To identify and interact with the three domains of AI: Data, Computer Vision and Natural Language Processing through different games ○ Identify and recognize the use of computer vision technology, Natural Language Processing and Data Science ○ Understanding the types of Data
AUGUST	<p><u>RELEVANCE OF AI IN OUR LIVES</u></p> <ul style="list-style-type: none"> ○ Threats involved ○ AI woven into our lives ○ Examples of different fields AI has revolutionised 	<ul style="list-style-type: none"> ○ Why AI should be taken seriously? ○ Threats that AI can pose for humans ○ Different fields like Automobile, Surveillance etc <p style="text-align: center;"><u>NLP ACTIVITY : Chatbot using Scratch</u></p>	<ul style="list-style-type: none"> ○ Realising the importance of using AI for Good ○ Understanding the technical aspects of chatbots ○ Identifying the type of chatbots by looking at the functioning and features
SEPTEMBER – OCTOBER	<p><u>CODING FOR AI USING SCRATCH</u></p> <ul style="list-style-type: none"> ○ Coding in Scratch using extensions like Video Sensing, Teachable Machine etc <p><u>MACHINE LEARNING & ITS TYPES</u></p> <ul style="list-style-type: none"> ○ Supervised Learning ○ Unsupervised Learning ○ Reinforcement Learning 	<p><u>ML – Supervised, Unsupervised & Reinforcement</u></p> <ul style="list-style-type: none"> ○ Introduction to Machine Learning ○ Types of Machine Learning - Supervised, Unsupervised and Reinforcement Learning ○ Differentiating between different ML <p style="text-align: center;"><u>ACTIVITY : AI Game using Scratch</u></p>	<ul style="list-style-type: none"> ○ Understand the concept of Machine Learning ○ Gain awareness about Machine Learning applications

NOVEMBER - DECEMBER	<p align="center"><u>SUSTAINABLE DEVELOPMENT GOALS</u></p> <ul style="list-style-type: none"> ○ Different Goals ○ Goals and the role of AI 	<p align="center"><u>Basic Understanding of all the SDG's</u></p> <ul style="list-style-type: none"> ○ What are SDGs? ○ Why were these goals framed? ○ How can AI help solve these problems? <p align="center"><u>Activity: Creating an App for a Social Cause</u></p> <p><u>ART INTEGRATION ACTIVITY</u> Students will draw and design paper prototypes for their App and create a demo video and share it on Flipgrid</p>	<ul style="list-style-type: none"> ○ Understand the meaning of sustainable development ○ Identify all the Goals ○ Realizing the importance of AI in achieving these goals
JANUARY	AI PROJECT	<p align="center"><u>Group Activity (Will be explained later)</u></p>	
FEBRUARY	REVISION AND FINAL EXAMINATION		

Further Additions in the Syllabus (Post Covid Pandemic):

- Use of Sensors for Data Collection, Working with Micro Controller, Robotics and AI, Python Coding, MakeCode, Minecraft for Education