

Month	No. of working days	English	Content/Sub Topic	Activity
April	21	Cha-1 The Best Christmas present in the world	War and fight only bring sadness and humiliation all around the world.	*Draw world's best Christmas Present and write a few points on choosing it.
		*The ant and the cricket(poem for self-study)	Careful planning is essential for a secure future	*Compare and contrast by drawing and colour the characters in the poem.
		Grammar Cha-1 Determiners	Determiners will be explained	Make a chart of Determiners with its types and example.
		Cha-5 Modals *Paragraph Writing *Comprehension	Understanding Modals and their usage in completing and joining sentences. Explanation of the format and essentials of writing 'paragraphs'. Solving the comprehension passage for practice and develop the comprehensive skills	Write a paragraph on given topic.
June	19	Cha-3 Glimpses of the Past	Learning effective communication skills for enhanced speaking, listening and understanding abilities.	Narrates stories of freedom fighters.
		*Macavity the mystic cat(poem-for self-study)	Students will be able to appreciate the poet's writing skills and comprehend the message conveyed in the poem.	Write a diary entry on given topic.
		Cha-2 The Tsunami	Interpretation of natural calamities and its disaster.	
		*The geography lesson (poem)	Students will be able to appreciate the poet's writing skills and comprehend the message conveyed in the poem.	
		Grammar Cha-2,3,4 Tenses - Present, Past, Future	Explanation of tenses and its changes while framing sentences.	Make one poster of Tenses format.
*Notice Writing *Letter Writing *Comprehension	Understanding of the format of writing notices. Learning the format of writing letters – Formal and Informal. Solving the comprehension passage for practice	Notice Writing, Letter Writing		
July	17(8+9)	Cha-4 Bepin Choudhry's Lapse of Memory (for self-study)	Describes about Bepin Choudhary, who is tricked into thinking he had a memory lapse.	Write a short summary.
		*The last Bargain(poem)	The main theme of "The Last Bargain" is that sometimes it is better to be free of the confinement of obligations placed by money or power.	
		Grammar Cha-14 Relative Clauses *Wri. Skills: Analytical Paragraph Writing	Explanation with types and examples Explanation with features and format.	Write an analytical paragraph on given topic.
August	21	4. The Treasure Within	Explanation of the chapter in lieu to the concept of the true treasure in life.	
		Cha-5The summit within	To enable the students to share their personal experience.	
		*The school boy(poem)	Understanding the poem and the devices used in framing the poem.	
		Grammar Cha-6 Conditional Verb. Cha-7 Non-Finite-Verb *Article Writing *Story Writing *Comprehension	Explanation with structures and examples. Explanation with types and examples. Essentials on article writing Understanding the strategies and elements of a story. Solving the comprehension passage for practice	Write an article on given topic. Story Writing
September	10(7+3)	Cha-7 A visit to Cambridge	Students will learn to draw character sketches of various characters from the literature content, by denoting their personality traits.	Role play of characters for display of content understanding and depicting the character skillfully.
		Grammar Cha-8 Active-passive voice	Understanding of the two voices and how to interchange them from active to passive and passive to active.	Make a table format of active-passive voice.
		*Comprehension	Solving the comprehension passage for practice	
October	16	When I set out for Lyonesse (poem)	Understanding of the poem and appreciating the usage of figures of speech.	Conduction of Debate in classroom for developing answering and questioning skills.
November	11	Cha-8 A short Monsoon Diary	Understanding of characters and ability to describe it.	
		Grammar Ch-12 Conjunction	Explanation of types of Conjunctions and its usage.	
December	20	Cha-9 The great stone Face-1	Learning about Script Writing and use of expressions in dialogue writing from text of Genre-Drama, Mystery.	Write briefly about the incident of your return to the Valley.
		* The grasshopper and the cricket	Understanding the characters and the moral behind the poem.	
		Grammar Cha-15 Simple, Compound and Complex sentences	Explanation of the Kinds of sentences and their punctuation.	The rules chart of Simple, Compound and Complex sentences.
		Ch-17 Direct Indirect speech	Understanding the rules of direct and indirect speech and how to transform one to another with help of examples and exercises in the text book.	Make a table of rules of Direct and Indirect speech
January	12	*Comprehension	Solving the comprehension passage for practice	Story Writing
		*Story Writing	Write a story on given topic for practice	
		9. The Comet I (Reader) 10. The Comet II (Reader)	Explanation of the story in context to the scientific language used and the way the plot is set.	Discuss the given topic.
		Cha-10 The great stone Face-2	Learning about Script Writing and use of expressions in dialogue writing from text of Genre-Drama, Mystery.	
February	22	Grammar Cha-11 Preposition	Explanation and its usage while framing sentences.	
		*Story Writing	Write a story on given topic for practice.	Story Writing
		cha-5 The princess September(Reader)	Importance of animal love will be explained alongwith developing their comprehensive skills.	
March	3	Grammar Cha-13 Phrases and Clause	Explanation with types and examples	
		*Diary Writing	Understanding the key features of Diary writing.	Diary Writing
Revision				

Month	No. of working days	Hindi	Content/Sub Topic	Activity
April	21	1. ध्वनि	वसंत ऋतु का महत्व, जीवन में वसंत ऋतु का असर व सन्देश, आलस और त्याग को छोड़कर नव जीवन की ओर अग्रसर होना। छात्र जीवन में रंगों के महत्व को जानेंगे, प्रकृति के प्रति मानवीय संवेदना को व्यक्त किया गया है। बेरोजगार की समस्या को बताया गया है।	छात्र जीवन में रंगों के महत्व को जानकर अपने मनपसंद रंगों का चुनाव कर दर्पण सजावट का कार्य करेंगे।
		2. लाख की चूड़ियां	लघु उद्योग और बृहद् उद्योग में अंतर, गाँव के प्राकृतिक सौंदर्य और उद्योगों का वर्णन, कौंच की चूड़ी और लाख की चूड़ी में अंतर व स्वभाव का विश्लेषण। गाँव के सहज संबंधों में बिखराव और सांस्कृतिक पतन के आर्थिक कारणों की व्याख्या	छात्र घर में व्यवस्था की जाय या अन्य चूड़ियों के माध्यम से सजावट का कार्य करेंगे।
		संज्ञा, प्रत्यय उपसर्ग	संज्ञा शब्द का ज्ञान। संज्ञा के प्रकारों का तुलनात्मक अध्ययन। उपसर्ग और प्रत्यय में अंतर	संज्ञा के भेदों के नाम उदाहरण सहित लिखेंगे।
		अनुच्छेद लेखन	निबंध लेखन और अनुच्छेद लेखन में अंतर, अनुच्छेद लेखन के नियमों की जानकारी, अनुच्छेद लेखन का अभ्यास।	छात्र किसी भी विषय पर अपने विचार प्रस्तुत कर उसको अनुच्छेद के रूप में लिखेंगे।
June	19	3. बस की यात्रा	बस की यात्रा के अनुभव पर व्यंग्य, अपने जीवन की ऐसी ही यात्रा पर चर्चा, सविनय अवज्ञा आंदोलन पर जानकारी। बैलगाड़ी या ताँगा पर यात्रा का अनुभव और आज की यात्रा का अनुभव में तुलनात्मक अध्ययन।	आप अपनी किसी यात्रा के खट्टे-मीठे अनुभवों को याद करते हुए एक लेख तैयार कीजिए।
		4. दीवानों की हस्ती	जीवन को आनंद के साथ जीना, सकारात्मक सोच के साथ निरंतर आगे बढ़ना, संसार में सुख और दुःख दोनों ही स्थिति में तालमेल, उमंग, उत्साह के साथ सफर को आगे बढ़ाना	जीवन में मस्ती होनी चाहिए, लेकिन कब मस्ती हानिकारक हो सकती है? सहायियों के बीच चर्चा कीजिए।
		पुनरुक्त शब्द, मुहावरें, चित्र वर्णन	मुहावरों का अर्थ लिखकर वाक्य प्रयोग, दैनिक जीवन में मुहावरों का प्रयोग, चित्र को देखकर अपने विचारों को लिखकर प्रस्तुत करना। पुनरुक्त शब्दों का अर्थ व प्रयोग, उच्चारण के वक्त पुनरुक्त शब्दों के उच्चारण पर ध्यान	किसी भी चित्र को देखकर अपने विचारों को लिखने का अभ्यास, शरीर के अंगों पर बनाए गए मुहावरों का सकल कर एक चार्ट तैयार करें।
July	17(8+9)	5. चिट्ठियों की अनूठी दुनिया	संचार के साधनों से अवगत कराना, संचार के साधनों में अंतर, वैज्ञानिक युग में चिट्ठियों का महत्व काम या ज़्यादा पर चर्चा, चिट्ठी लिखने का आनंद पर चर्चा, पाठ के माध्यम से पत्रों की उपयोगिता पर प्रकाश डाला गया है।	'आधुनिक युग में पत्र के महत्व' पर अपने परिजनों को पत्र लिखिए।
		वर्ण विच्छेद, समानार्थी शब्द	वर्ण और शब्दों में अंतर, हिंदी, संस्कृत और अंग्रेजी के वर्णों की संख्या का ज्ञान, वर्ण-विच्छेद की प्रक्रिया, समानार्थी शब्दों का अभ्यास	व्याकरण में वर्ण और वर्ण विच्छेद का अभ्यास कार्य, समानार्थी शब्दों को याद कर लिखना।
August	21	6. भगवान के डाकिए	कविता के माध्यम से विश्व-बंधुत्व की भावना का सन्देश, पहले पक्षी के माध्यम से सन्देश कार्य (कबूतर), वर्तमान में कोरोना महामारी पर विश्व बंधुत्व की भावना का विकसित होना।	वर्तमान परिस्थिति में कोरोना महामारी में किस तरह पूरी दुनिया के देशों के लोग एकजुट होकर पृथ्वी को बचा रहे हैं? इस विषय पर कक्षा में अपने विचार प्रस्तुत कीजिए।
		7. क्या निराश हुआ जाए	सामाजिक बुराइयों पर ध्यान केंद्रित क्या गया है, ईमानदारी व सच्चाई जैसे नैतिक मूल्यों में कमी, लेखक का समाचार पत्र द्वारा मन उदासीन, गंधीजी व लोकमान्य तिलक के उद्देश्य को पूरा करना, समाज में दया, प्रेम की भावना को जागृत करना।	आपके सपनों का भारत कैसा होना चाहिए सचित्र वर्णन कीजिए।
		8. यह सबसे कठिन समय नहीं, अनेकार्थी शब्द	कठिन समय में पीछे न हटना, अभी का समय कठिन नहीं इस कविता की तुलना आज के परिवेश में कोरोना महामारी से की गई है।, मदद हेतु डॉक्टर, नर्स, पुलिस जैसे योद्धा हमारे साथ हैं, निराशा में आशा की किरण	कोरोना महामारी में डॉक्टर, नर्स और पुलिस की क्या भूमिका है इस पर वाद-विवाद गतिविधि साथ है, निराशा में आशा की किरण
September	10(7+3)	अनुस्वार अनुनासिक	अनुस्वार और अनुनासिक में अंतर और उपयोग, दोनों के उच्चारण को जानना, शब्दों का अभ्यास	अनुस्वार और अनुनासिक वाले शब्दों को छाँटकर अलग सूची बनाइए। (कोई १०)
		9. कबीर की साखियां	कबीर जी जीवन से सम्बंधित प्रसंग, उनके काव्य में मनुष्य को अपने गुणों को पहचानना, अपशब्दों पर ध्यान न देकर प्रभु का नाम लेना जैसे जीवन मूल्यों पर ध्यान केंद्रित किया गया है।	कबीर की साखियों का संगीत कक्षा में गायन।
		नुक्ता, अनेकार्थी शब्द, अनेक शब्दों के लिए एक शब्द	अरबी और फ़ारसी शब्दों का ज्ञान, नुक्ता, अनुस्वार और अनुनासिक में अंतर स्पष्ट करना, अनेकार्थी शब्द और अनेक शब्दों के लिए एक शब्द में अंतर व अभ्यास करना।	कक्षा में छात्रों को वर्ग में विभाजित कर अनेक शब्दों के लिए एक शब्द पर प्रतियोगिता करवाना।
October	16	10. कामचोर	घर में बच्चों को घर के कार्यों से परिचित करवाना, आज के समय में घर का कार्य सिर्फ आया या नीकर करते हैं, पाठ के माध्यम से स्वावलम्बी बनने की प्रेरणा, पारिवारिक समस्या को उजागर किया गया है, सुव्यवस्थित परिवार की मॉडल, एकल परिवार और संयुक्त परिवार पर चर्चा।	आप अपने घर में रोज कौन कौनसे कार्य करते हैं? कार्यों की सूची बनाइए। इस कहानी के आधार पर एक नाटक तैयार करें।
		11. जब सिनेमा ने बोलना सीखा	सिनेमा शब्द का ज्ञान, परिचय, भारतीय सिनेमा की पहली बोलती फिल्म पर चर्चा, मनोरंजन के साधन में अंतर और झुकाव, फिल्म का निर्माण तथ्यों पर प्रकाश, सिनेमा जगत में परिवर्तन, आज फिल्मों में परिवर्तन, फिल्मों की तकनीकों से परिचित कराना, भारतीय सिनेमा के इतिहास के एक महत्वपूर्ण पड़ाव को उजागर करना, यह कहानी मूक सिनेमा और सवाक सिनेमा की कहानी को बताती है।	फिल्मों से सम्बंधित कलाकारों पर अपने विचार तर्क वितर्क के साथ प्रस्तुत करना। फिल्मों से बच्चों के मानसिक स्वास्थ्य पर के असर दाल रहा इस विषय पर पक्ष और विपक्ष में विचार
		विराम चिन्ह, कारक	विराम चिन्हों की जानकारी, इनके प्रकारों आधार पर प्रयोग, उच्चारण पर जोर, कारक के प्रकार, उनका वाक्यों के आधार पर भेद।	विराम चिन्हों को ध्यान में रख कर पाठ पढ़ना, विराम चिन्हों पर चर्चा तैयार करना। वाक्यों द्वारा कारक का अभ्यास करना
		अपठित गद्यांश	अपठित गद्यांश द्वारा दिमाग की तार्किक क्षमता का विकास करना, समस्यात्मक प्रश्नों के उत्तर को पहचानना।	अपठित गद्यांश का अभ्यास कार्य करना।

November	11	12. सुदामा चरित	कृष्ण और सुदामा की कहानी का जान, भगवान् में आस्था , मित्रता का विश्व में उदाहरण बनना , कृष्ण का भक्तों के प्रति प्रेम को दर्शाया गया है। गुजरात के द्वारिका का वर्णन	आप अपने अभिभावक के साथ जाकर गुजरात के द्वारिका मंदिर पर जानकारी हासिल कर डायरी लिखें।
		संधि	संधि शब्द का अर्थ, परिभाषा व प्रकार को दृश्य श्रव्य विधि द्वारा समझाना, श्यामपट्ट पर अभ्यास करवाना।	पाठ में आए संधियुक्त शब्दों छांटकर अपने अभ्यास पुस्तिका में लिखें।
December	20	13. जहां पहिया है	पहिए का आविष्कार पर चर्चा, पहिए के रूप में परिवर्तन, लड़कियों की जीवन के प्रति सोच में परिवर्तन, स्त्री सशक्तिकरण पर बल, महिलाओं की आजादी और सुरक्षा के पक्ष को बतलाया गया है, साईकिल के व्यायाम।	महिला सशक्तिकरण पर कविता लिखिए। आज के समय में व्यायाम की भूमिका पर लेख लिखें ' आप घर पर रोज़ कोई भी ५ व्यायाम करें।
		14. अकबरी लोटा	छात्रों को हास्य रास से परिचित कराना, ऐतिहासिक वस्तुओं का महत्व, अंशुओं की लूटने की मानसिकता का वर्णन, पुरानी वस्तुओं के प्रति प्रेम को दिखाया गया है। अकबर की कुछ कहानियाँ से अवगत करवाना, उनके नव रस से परिचित करवाना।	आप ऐसी कोई कहानी बनाइए जिसमें अधिकतर मुहावरों और लोकोक्तियों का प्रयोग किया गया हो , मुहावरों व लोकोक्ति का प्रयोग करते हुए आपस में बातचीत कीजिए।
		समास	समास शब्द का अर्थ, परिभाषा, प्रकार से परिचित , उदाहरणों के माध्यम से समास का अभ्यास कार्य , संधि व समास में अंतर को स्पष्ट करना।	पाठ में आए सामासिक पदों को अलग करे , अपने अभ्यास पुस्तिका में कार्य करें।
		विज्ञापन लेखन	विज्ञापन लेखन का उद्देश्य, विज्ञापन के नियम किसी भी विषय पर विज्ञापन का अभ्यास करना।	आप गर्मी की छुट्टियों में अपने मनपसंद विषय पर एक आकर्षक विज्ञापन तैयार कीजिए।
January	12	15. सूर के पद	कृष्ण और मों यशोदा के पुत्र प्रेम, ममता ,स्नेह का वर्णन किया गया, कृष्ण की बाल लीलाओं का वर्णन, माखन चुराने का दृश्य, मिट्टी में खेलना और खाने का दृश्य , पुराने घर और आज के घरों अंतर को बतलाया गया है , पहले के शुद्ध खाद्य पदार्थों व आज के अशुद्ध , मिलावटी खाद्य पदार्थों को समझाया गया।	विद्यालय में कृष्ण जन्माष्टमी पर सूर के पदों का सामूहिक गायन। जन्माष्टमी पर मटकी फोड़ कार्यक्रम का आयोजन।
		16. पानी की कहानी	विज्ञान विषयक कहानी का उदाहरण, पानी का मानवीकरण कर उसकी विभिन्न अवस्थाओं का विवरण, इस निबंध से जल के निर्माण और अस्तित्व चक्र की जानकारी मिलती है, जल प्रदूषण पर चर्चा। पानी की बृन्द से समुद्री यात्रा का वर्णन	'जल हमारी आवश्यकता' पर अनुच्छेद लिखें। जल बचाओ पर स्लोगन तैयार कर विद्यालय या अपने घर के बाहर लगाएँ।
		डायरी लेखन, विशेषण	विशेषण शब्द का अर्थ, परिभाषा और उसके प्रकार को उदाहरणों द्वारा अभ्यास करना। डायरी लेखन की आवश्यकता , इसके नियम को बतलाते हुए अभ्यास करना।	किसी भी चीज़ की विशेषता बताते हुए एक विज्ञापन तैयार कीजिए उसके बाद विशेषता बताने वाले शब्दों को छांटकर अलग कीजिए।
February	22	17. बाज और साँप	बाज और साँप की प्रेरणादायक कहानी द्वारा छात्रों में सकारात्मक सोच विकसित करना, जीवन में स्वतंत्रता के मूल्य पर प्रकाश, जीवन के काठी परिस्थितियों का इटकर मुकाबला करना, हमें सदैव अपने अस्तित्व को बने रखने हेतु आजादी को बनाए रखना है।	मानव ने भी हमेशा पक्षियों की तरह उड़ने की इच्छा की है। आज मनुष्य उड़ने की इच्छा किन साधनों से पूरी करता है। अपने विचार लिखें व स्कैप बुक तैयार करें।
		18. टोपी	यह सता से जनता के संबंधों की समीक्षा करती है, मनुष्य को अपने दायित्व को पूरा करने हेतु दृढ़ निश्चयी होना चाहिए, छात्रों में अभिप्रेरित और अभिप्रेरणा का भाव विकसित करना।	आज के मीडिया चैनलों पर सता व जनता की समस्याओं पर विवाद किया जाता है। ऐसे ही कुछ विषय सुनिश्चित कर अपने तर्क कक्षा में प्रस्तुत कीजिए।
		पठित पद्यांश	पठित गद्यांश द्वारा दिमाग की तार्किक क्षमता का विकास करना, समस्यात्मक प्रश्नों के उत्तर को पहचानना। पठित पाठ में से महत्वपूर्ण गद्यांशों का अभ्यास करना।	व्याकरण में पठित गद्यांश का अभ्यास कार्य करना।
March	3	पुनः-अवलोकन कार्य		



Grade 8 Split up syllabus (2021 - 2022)

Month	No. of working days	Mathematics	Content/Sub Topic	Activity
April	21	1. Rational Numbers	Introduction of numbers, Properties of rational numbers (Closure, Commutativity, associativity, role of zero, role of one, negative of a number, reciprocal, distributivity), Representation of rational numbers on number line, Rational numbers between two rational numbers.	Activity : Crossword puzzle based on rational numbers concept
		6. Squares & Square Roots	Introduction, Properties of square numbers, Some interesting patterns, Finding square of a number, Other patterns in squares, Pythagorean triplets, Square roots, Finding square roots through prime factorisation method and by division method, Square roots of decimals, Estimating Square roots	Activity : Find the square using diagonal method.
June	19	7. Cubes & Cube Roots	Introduction, Cubes, Some interesting patterns, Smallest multiple that is a perfect cube, Cube roots, Cube roots through prime factorisation method, Cube root of a cube number,	Activity: Find some interesting patterns of cubes
		2. Linear Equations in One Variable	Introduction, Solving Equations which have Linear Expression on one Side and Numbers on the other Side, Some Applications, Solving Equations having the Variable on both Sides, Some more applications, Reducing equation to the simpler form, Equations Reducible to the Linear Form	Activity: To depict story by taking 4 situations and then frame an equation to find unknown variable
July	17(8+9)	10. Visualising Solid Shapes	Introduction, View of 3D shapes, Mapping space around us, Faces, edges and vertices.	Lab Activity: To draw the front view, side view and top view of simple shapes made by unit cubes.
		16. Playing with Numbers	Introduction, Numbers in general form, Games with numbers, Letter for digits, Tests of divisibility.	Activity: Quiz based reasoning and number sequence questions.
August	21	5. Data Handling	Looking for information (Pictograph, Bar graph, double bar graph), Organising data, Grouping data, Histogram, Pie chart, Drawing Pie chart, Chance and Probability.	Lab Activity: Write how much you spent during a day in the activities like school, homework, play, sleep, etc. Represent the information in a pie chart.
		3. Understanding Quadrilaterals	Introduction, Polygons, Classification of polygons, Diagonals, Convex and Concave polygons, Regular and irregular polygons, Angle sum property, Sum of the measures of the exterior angles of a polygon, Kinds of quadrilaterals (Trapezium, kite, Parallelogram, Elements of parallelogram, Angles and diagonals of Parallelogram), Some special parallelograms (Rhombus, Rectangle, Square).	Lab Activity: To make the paper folding and cutting a kite and a rhombus.
September	10(7+3)	15. Introduction to Graphs	Introduction, A bar graph, A pie graph, A histogram, A line graph, Linear graphs (Location of a point and co-ordinates), Some applications.	Lab Activity: Collect the information from your classmates to complete a table about their time spent in watching TV. To study your time distribution and make histogram.
October	16	8. Comparing Quantities	Recalling ratios and percentages, Finding increase or decrease of percent, Finding discounts, Estimation in percentages, Prices related to buying and selling (Profit or loss), Finding selling price/ cost price, % profit/ % loss, Sales tax/ Value added tax/ Goods and services tax, Compound interest, Decoding the formula of compound interest, Rate compounded annually or half yearly, Application of compound interest formula.	Activity: Crossword Puzzle based on all the concept.
November	11	9. Algebraic Expressions & Identities	What are expressions?, Terms, factors and coefficients, Monomials, Binomials and Polynomials, Like and Unlike terms, Addition & subtraction of algebraic expressions, Multiplication of algebraic expressions, Multiplying monomial by a monomial, Multiplying monomial by a polynomial, Multiplying Polynomial by a polynomial, What is an identity?, Standard identities, Applying identities.	Lab Activity: Verify standard identities using colour papers

December	20	14. Factorisation	Introduction, What is factorisation?, Method of finding common factors, Factorisation by regrouping the terms, Factorisation using identities, Division of Algebraic expressions, Can you find the error?	Activity: Verify any polynomial's factors using colour papers
		11. Mensuration	Introduction, Lets recall formulae of area of rectangle, square, parallelogram, etc, Area of trapezium, Area of a general quadrilateral, Area of special quadrilaterals, Area of a polygon, Solid shapes, Surface area of cube, cuboid and cylinder, Volume of cube, cuboid and cylinder, Volume and Capacity.	Lab Activity: To explore the relationship between (i) length and perimeter and (ii) length and area of squares of different dimensions.
January	12	12. Exponents & Powers	Introduction, Powers with Negative Exponents, Laws of exponents, Use of exponents to express small numbers in standard form, Comparing very large and very small numbers.	Activity: Write each planets distance from earth in standard form.
February	22	13. Direct & Inverse Proportion	Introduction, Direct proportion, Inverse proportion.	Activity: Pick out the card and identify the given situation: Its direct or inverse proportion.
		4. Practical Geometry	Introduction, Constructing a quadrilateral(When the lengths of four sides and a diagonal are given, When two diagonals and three sides are given, When two adjacent sides and three angles are known, When three sides and two included angles are given), Some Special Cases	Lab Activity: To verify that the sum of interior angles of a quadrilateral is 360 degree by paper cutting and pasting.
March	3	Revision		



Grade 8 Split up syllabus (2021 - 2022)

Month	No. of working days	Science	Content/Sub Topic	Activity
April	21	<u>Chapter 8 Cell Structure and Functions</u>	1. Discovery of the Cell 2. The Cell 3. Organisms show Variety in Cell Number, Shape and Size 4. Cell Structure and Function 5. Parts of the Cell 6. Comparison of Plant and Animal Cells	Activity: Observing the basic components of cell
		<u>Chapter 17 Stars and the Solar System</u>	1. Phases of Moon 2. Constellations 3. Sun and the Planets	Activity: Locating the pole star
June	19	<u>Chapter 11 Force and Pressure</u>	1. Force – A Push or a Pull 2. Forces are due to an Interaction 3. Exploring Forces 4. A Force can Change the State of Motion 5. Force can Change the Shape of an Object 6. Contact Forces 7. Non-contact Forces 8. Pressure and Pressure Exerted by Liquids and Gases 9. Atmospheric Pressure	Activity: A liquid exerts pressure on Wall of container
		<u>5. Coal and Petroleum</u>	1. Coal a) Formation b) Products (coke, coal tar and coal gas) obtained after processing c) Uses 2. Petroleum a) Formation b) Refining c) Constituents d) Uses 3. Natural gas a) Characteristics b) Uses c) Advantages of CNG 4. Disadvantages of using fossil fuels.	Activity: Changes on different stages of coal formation
		<u>Chapter 9 Reproduction in Animals</u>	1. Fertilization and its types 2. Difference between viviparous and oviparous animals with examples	Activity: Life cycle of frog/ Compare female and male reproductive system in human.
July	17(8+9)	<u>Chapter 9 Reproduction in Animals (continue)</u>	3. Metamorphosis in frogs 4. Modes of asexual reproduction 5. Sexual reproduction in humans	
		<u>Chapter 18 Pollution of Air and Water</u>	1. Air pollution 2. Water pollution	Activity : Waste water treatment
		<u>Chapter 4 Materials Metals and Non Metals</u>	1. Physical Properties of Metals and Non-metals, 2. Chemical Properties of Metals and Non-metals 3. Uses of Metals and Non-metals	Activity: Electric conductivity of materials
August	21	<u>Chapter 6 Combustion and Flame</u>	1. Combustion (combustible and non-combustible substances) 2. Essential requirement to produce fire 3. Ignition temperature 4. Inflammable substances 5. Methods to control fire 6. Types of combustion 7. Flame 8. Fuel 9. Harmful products and effects of burning fuel	Activity: Test for ignition
		<u>Chapter 10 Reaching the age of Adolescence</u>	1 Adolescence and Puberty 2 Changes at Puberty 3 Secondary Sexual Characters 4 Role of Hormones in Initiating Reproductive Function 5 Reproductive Phase of Life in Humans 6 How is the Sex of the Baby Determined? 7 Hormones other than Sex Hormones 8 Role of Hormones in Completing the Life History of Insects and Frogs 9 Reproductive Health	Activity : Prepare a report on benefits of regular exercise
September	10(7+3)	<u>Chapter 15 Some Natural Phenomena</u>	1. Electric Charge, Charge Transfer and Electroscopes 2. Lightening 3. Earthquake	Activity: Prepare short report on Earthquake
October	16	<u>3. Synthetic Fibres and Plastics</u>	1. What are Synthetic Fibres? 2. Types of Synthetic Fibres 3. Characteristics of Synthetic Fibres 4. Plastics as Materials of Choice 5. Plastics and the Environment	Activity: Soaking capacity of different fibers
		<u>Chapter 1 Crop Production and Management</u>	1. Rabi and Kharif Crops- Examples 2. Basic Practices of Crop Production 3. Irrigation- Modern methods	Activity: Growth of seed in different conditions
November	11	<u>Chapter 12 Friction</u>	1. Force of Friction 2. Factors affecting Friction 3. Friction : A Necessary Evil 4. Increasing and Reducing Friction 5. Wheels Reduce Friction 6. Fluid Friction	Activity: Wheels reduce friction
		<u>Chapter 2 Microorganisms: Friend and Foe</u>	1. Microorganisms 2. Where do Microorganisms Live? 3. Microorganisms and Us 4. Harmful Microorganisms 5. Food Preservation 6. Nitrogen Fixation	Activity: Fermentation

December	20	<u>Chapter 16 Light</u>	1.What makes Things Visible 2.Laws of Reflection 3. Regular and Diffused Reflection 4.Reflected Light Can be Reflected Again 5.Multiple Images 6.Sunlight — White or Coloured 7.What is inside Our Eyes? 8.Care of the Eyes 9.Visually Impaired Persons Can Read and Write 10. What is the Braille System?	Activity: Make a report on care of eyes
January	12	<u>13. Sound</u>	1.Sound is Produced by a Vibrating Body 2.Sound Produced by Humans 3.Sound Needs a Medium for Propagation 4.We Hear Sound through Our Ears 5. Amplitude, Time Period and Frequency of a Vibration 6. Audible and Inaudible Sounds 7.Noise and Music	Activity: Vibrating dish produces waves in water
February	22	<u>Chapter 14 Chemical Effects of Electric Current</u>	1. Conducting Liquids 2. Chemical Effects of Electric Current 3. Electroplating	Activity: Testing conduction of electricity in lemon juice and vinegar
		<u>Chapter 7 Conservation of Plants and Animals</u>	1.Deforestation and Its Causes 2.Consequences of Deforestation 3.Conservation of Forest and Wildlife 4. Biosphere Reserve 5.Flora and Fauna 6.Endemic Species 7.Wildlife Sanctuary 8.National Park 9.Red Data Book 10. Migration 11.Recycling of Paper 12.Reforestation	Activity: Locate on map protected areas for conservation
March	3	<u>REVISION</u>		



Grade 8 Split up syllabus (2021 - 2022)

Month	No. of working days	Social Science	Content/Sub Topic	Activity
April	21	His : 1 ; How, When and Where ?	1. How Important are Dates? 2. How Do We Know?	Learners will make the list of all the British Governor Generals worked in India as per their dates of appointment and their contribution. This will describe the important of dates and records maintained.
		Civ : 1 ; The Indian Constitution	1. Why Does a Country Need a Constitution? 2. The Indian Constitution: Key Features 3. The Fundamental Rights in the Indian Constitution	Learners will be divided in to the six groups. Each group will explain one fundamental right provided in Indian Constitution.
		Geo : 1 ; Resorces	1. Types of Resources 2. Conserving Resources 3. Some Principles of Sustainable Development	Learners will be divided in to the three groups. Each group will explain the following types of resources with adequate examples. 1. Natural Resources 2. Human Made Resources 3. Human Resources
		His : 2 ; From Trade To Territory.....Continue	1. East India Company comes East. 2. Company Rule Expands 3. Setting up a new administration. 4. Conclusion	Learners will have a debate how a trading company completely transformed in to an administrative body. (Main reasons of failure of local kingdoms to stop it.)
June	19	His : 2 ; From Trade To Territory.	1. East India Company comes East. 2. Company Rule Expands 3. Setting up a new administration. 4. Conclusion	Learners will have a debate how a trading company completely transformed in to an administrative body. (Main reasons of failure of local kingdoms to stop it.)
		Civ : 2 ; Understanding Secularism	1. What is Secularism? 2. Why is it Important to Separate Religion from the State? 3. What is Indian Secularism? 4 A Case Study	Learners will be divided in to the three groups. Each group will explain the following case studies regarding the provisions in our Constitution towards secularism given in the text book. 1. Celebration of religious festivals in government schools and offices 2. Traffic rules for the Sikh community 3. Intervention of the government when the untouchability comes in the picture.
		Geo : 2 ; Land, Soil, Water, Natural Vegetation and Wild Life Resources	1. Land 2. Land Use 3. Consaervaion of Land Resources 4. Factors of Soil formation 5. Degradation of Soil and Conservation Measures 6. Conservation of Water Resources 7. Conservation of Natural Vegetation and Wildlife	Learners will be divided in to the three groups. Each group will share its views and ideas regarding the following topics regarding the conservation. 1. Degradation of Soil and Conservation Measures 2. Conservation of Water Resources 3. Conservation of Natural Vegetation and Wild Life
July	17(8+9)	His : 3 ; Ruling the Countryside	1. The Company Becomes a Diwan 2. Crops for Europe 3. The "Blue Rebellion" and After	Learners will describe the various efforts and implementations done by British Governor Generals to improve indian agriculture. Learners will also try to reveal the hidden ambitions of British East India Company to improve the Indian agriculture.
		Civ : 3 ; Why Do We Need a Parliament?	1. Why should People Decide? 2. People and their Representatives 3. The Role of the Parliament 4. Who are the People in Parliament?	Learners will make a Bar Graph on voters' turn out ratio from the 1st Lok Sabha to the 17th Lok Sabha.
		Geo : 3 ; Mineraland Power resources..... continue	1. Types of Minerals 2. Distribution of Minerals 3. Uses of Minerals 4. Conservation of Minerals 5. Power Resources	Learners will show the distribution of minerals as per the various states of India on the out line map of India.
August	21	Geo : 3 ; Mineraland Power resources.	1. Types of Minerals 2. Distribution of Minerals 3. Uses of Minerals 4. Conservation of Minerals 5. Power Resources	Learners will show the distribution of minerals as per the various states of India on the out line map of India.
		His : 4 ; Tribals, Dikus and The Vision of a Golden Age	1. How Did tribal Groups Live? 2. How Did Colonial Rule Affect Tribal Lives? 3. A Closer Look	Learners will show the address of various tribal communities living in India on the outline map of India.
		Civ : 4 ; Understanding Laws	1. Do Laws Apply to All? 2. How Do New Laws Come About? 3. Unpopular and Controversial Laws	Learners will study a case given in the text book regarding the Domestic Violence Act, 2006. Now, the learners will have a role play in making a new hypothetical law regarding the need of the case.
		His : 5 ; When People Rebel.	1. Policies and the People 2. Through the Eyes of the People 3. A Mutiny Becomes a Popular Rebellion 4. The Company Fights Back 5. Aftermath	Learners will discuss the reasons of the failure of the famous mutiny of 1857. They will also discuss the need for the improvement in the administration of India and how the company lost its powers in India and the administration was controlled by the queen directly.
September	10(7+3)	Civ : 5 ; Judiciary	1. What is the Role of the Judiciary? 2. What is an Independent Judiciary? 3. What is the Structure of Courts in India? 4. What are the Different Branches of the Legal System? 5. Does Everyone Have Access to the Courts?	Learners will draw the court structure in India in the form of a pyramid. Learners will also make a table regarding the number of sanctioned judges and the shortage of judges at various court levels in India.
		Geo : 4 ; Agriculture.....continue	1. Farm System 2. Types of Farming 3. Agricultural Development	Learners will describe the climate and soil requirement for the major crops of India. They will also show the places of the cultivation of the major crops on the out line map of India.
		Geo : 4 ; Agriculture.	1. Farm System 2. Types of Farming 3. Agricultural Development	Learners will describe the climate and soil requirement for the major crops of India. They will also show the places of the cultivation of the major crops on the out line map of India.

October	16	His : 6 ; Weavers, Iron Smelters and Factory Owners.	<ol style="list-style-type: none"> 1. Indian Textiles and the World Market 2. The sword of Tipu Sultan and Wootz steel 3. Iron and steel factories come up in India 	Learners will describe the places of various world famous textiles available in India during the British time with the names of textiles and art done over it. They will also describe the turning point for the emergence of textile and steel industry in India.
		Civ : 6 ; Understanding Our Criminal Justice System	<ol style="list-style-type: none"> 1. What is the Role of the Police in Investigating a Crime? 2. What is the Role of the Public Prosecutor? 3. What is the Role of the Judge? 4. What is a Fair Trial? 	Learners will be divided in to the four groups. Each group will be responsible to explain in detail the roles of the following various functionaries in the criminal justice system in India. <ol style="list-style-type: none"> 1. Judge 2. Police 3. Public Prosecutor 4. Defence Lawyer
November	11	Geo : 5 ; Industries.	<ol style="list-style-type: none"> 1. Classification of Industries 2. Factors Affecting Location of Industries 3. Distribution Of Major Industries 4. Cotton Textile Industry 	Learners will show the location of various iron and steel industries and the textile industries on the outline map of India.
		His : 7 ; Civilising the Native, Educating the Nation	<ol style="list-style-type: none"> 1. How the British saw Education 2. What Happened to the Local Schools? 3. The Agenda for a National Education 	Learners will have a debate on the thoughts of Mahatma Gandhi and Rabindra Nath Tagore regarding the education in India.
December	20	His : 8 ; Women, Caste and Reforms.	<ol style="list-style-type: none"> 1. Working Towards Change 2. Caste and Social Reform 3. Organising for reform 	Learners will be divided in to the various groups, each group will describe the efforts of various social reformers in the uplift ment of Indian society during the British time.
		Civ : 7 ; Understanding Marginalisation.	<ol style="list-style-type: none"> 1. Who are Adivasis? 2. Adivasis and Stereotyping 3. Adivasis and Development 4. Minorities and Marginalisation 5. Muslims and Marginalisation 	Learners will share their views and ideas for the upliftment of the Adivasi people as well as other marginalised communities. They will also discuss the role of government and its probable actions in the upliftment of the marginalised people.
		Civ : 8 ; Confronting Marginalisation	<ol style="list-style-type: none"> 1. Invoking Fundamental Rights 2. Laws for the Marginalised 3. Protecting the Rights of Dalits and Adivasis 4. Adivasi Demands and the 1989 Act 	Learners will discuss The Scheduled Castes and the Scheduled Tribes (Prevention of Atrocities) Act, 1989 and its usefulness for the adivasis to reoccupy their traditional lands. Each learner will share his own view and idea.
January	12	His : 9 ; The Making of the National Movement : 1870-1947.	<ol style="list-style-type: none"> 1. The Emergence of Nationalism 2. The Growth of Mass Nationalism 3. The March to Dandi 4. Quit India and Later 	Learners will be divided in to the various groups, each group will describe the contribution of various nationalists and their role played in the national movements.
		His : 10 ; India After Independence	<ol style="list-style-type: none"> 1. A New and Divided Nation 2. A Constitution is Written 3. How were States to be Formed? 4. Planning for Development 5. The Nation, Sixty Years On 	Learners will make a list of the states formed with various dates, they will also describe the efforts of the local leaders who contributed a lot through agitations to form a new state on the basis of the languages.
February	22	Civ : 9 ; Public Facilities	<ol style="list-style-type: none"> 1. Water and the People of Chennai 2. Water as Part of the Fundamental Right to Life 3. Public Facilities 4. The Government's Role 5. Water Supply to Chennai: Is it Available to All? 6. In Search of Alternatives 	Learners will take the opinions of the citizens of the different areas of the city regarding the public facilities and problems regarding those facilities in which they live. On the basis of this research, learners will prepare their suggestions to improve the public facilities in various areas of the city in which they live.
		Civ : 10 ; Law and Social Justice	<ol style="list-style-type: none"> 1. Bhopal Gas Tragedy 2. What is a Worker's Worth? 3. Enforcement of Safety Laws 4. New Laws to Protect the Environment 5. Conclusion 	Learners will gather the information regarding the safety of workers in various industries from open sources. On the basis of the information, learners will make a safety chart for the workers of various industries. Learners will also suggest some safety measures for the citizens residing near the hazardous industries.
		Geo : 6 ; Human Resources	<ol style="list-style-type: none"> 1. Distribution of Population 2. Density of Population 3. Factors Affecting Distribution of Population 4. Population Change 5. Patterns of Population Change 6. Population Composition 	Learners will be divided in to the various groups. Each group will collect the population numbers of any country of their choice of the world from the open sources. Each group will make a 'Population Composition Chart' on a graph paper as per the pattern given in the textbook.
March	3	REVISION		



Month	No. of working days	Gujarati	Content/Sub Topic	Activity
April	21	1- માગું હું તે આપ(કવિતા) (2)	સંજ્ઞા	વિદ્યાર્થીઓ શાળામાં ગવાતી પ્રાર્થના ઓને સુંદર અક્ષર માં લખીને ચાઈ બનાવશે. અથવા વિદ્યાર્થીઓના દાદા-દાદી કઈ પ્રાર્થનાઓ ગાતા હતા એ જાણીને તેનો અર્થ પણ જાણે.
		6- પોતાનું સ્થાન જાતે બનાવો (3)	વચન બદલો	વિદ્યાર્થીઓ ઈમાનદારીનું સંદેશ આપતી હોય એવી કોઈ વાર્તા વાંચશે અને વર્ગમાં સંભળાવશે.
		3- વાઘ યંત્રોની અનોખી દુનિયા [લેખ] (2)	લિંગ બદલો	પાઠ માં આપેલા વાઘયંત્રો સિવાય પણ બીજા અનેક વાઘયંત્રોનો સંગીતમાં ઉપયોગ થાય છે તેની માહિતી પ્રાપ્ત કરીને ચિત્રો સાથે રજૂઆત કરશે. અથવા વિદ્યાર્થીઓ ભારતમાં અનેક સંગીત સમારંભ થતા હોય છે જેમ કે 'તાનસેન સમારોહ' વગેરે એના વિશે માહિતી મેળવીને વર્ગમાં ચર્ચા કરશે
June	19	4- જશોદાતારા કાનુડાને[કાવ્ય] (3)	અનેકાર્થી	વિદ્યાર્થીઓ કૃષ્ણના તોફાન મસ્તી ના પ્રસંગને નાટકના રૂપમાં ભજવશે.
		5- પોથી પંડિત [વાર્તા] (3)	નિબંધલેખન	વિદ્યાર્થીઓ પુસ્તકિયું જ્ઞાન કોને કહેવાય એ વિષય પર વર્ગખંડમાં સંવાદ કરશે.
July	17(8+9)	(3) 14- જાદુગર [વાર્તા]	પ્રત્યય	વિદ્યાર્થીઓ કોઈપણ પ્રાણીનું (માસ્ક) મહેરુ બનાવશે.
August	21	10 - બાપુની શિખામણ[સંસ્મરણો] (3)	સર્વનામ	વિદ્યાર્થીઓ 'જળ એ જ જીવન' એના જેવા પાણી માટેના બીજા સૂત્રો બનાવીને ચાઈ પેપર લગાવશે.
		8- તરણેતરનો મેળો[માહિતીલેખન] (3)	શબ્દસમૂહ માટે એક શબ્દ	વિદ્યાર્થીઓ જુદી જુદી જગ્યા ના મેળા ના ચિત્રો ભેગા કરીને એનો કોષ્ટક બનાવશે અને મેળા વિશે બે વાક્યો લખશે.
September	10(7+3)		વિરામ ચિહ્ન	
October	16	9- કોણ હલાવે લીમડી[લોકગીત] (2)	સમાનાર્થી	ભાઈ-બહેનના પ્રેમના ગીતો એકઠા કરી તેનો અંક તૈયાર કરશે.
		15 - સ્વચ્છતા [વાર્તા] (3)	વિરોધી	વિદ્યાર્થીઓ સ્વચ્છતા અંગેના સૂત્રો નો ચાઈ બનાવે.
		11- ઉખાણાં[કાવ્ય] (3)		વિદ્યાર્થીઓ પોતાની જાતે બીજા પાંચ ઉખાણા બનાવીને વર્ગમાં રજૂ કરશે.
November	11		નિબંધલેખન	
December	20	12- દાનવીર કર્ણ[નાટક] (3)	સંવાદલેખન	વિદ્યાર્થીઓ બાળ મહાભારત વાંચીને કોઈ એક પાત્ર વિશે લખશે . વિદ્યાર્થીઓ દાનવીર કર્ણ નાટક વર્ગખંડમાં ભજવશે
		13- રક્તની વાર્તા[વાતચીત] (3)	ક્રિયાપદ	વિદ્યાર્થીઓ સમતોલ આહાર અને તૈયાર નાસ્તા નો ચાઈ બનાવશે. તેનાથી થતા લાભ અને નુકશાન વિશે લખશે.
January	12	2 લિક્ષા પાત્રાચૈતહાસિક કથા] (3)	સંખ્યાલેખન	વિદ્યાર્થીઓ પૂર - અતિવૃષ્ટિમાં ફસાયેલા લોકોને બચાવતા હોય એવું ચિત્ર બનાવશે ચિત્ર માટે એક સૂત્ર લખશે..
February	22	7- કિકેટની રમત [ખેલ] (3)	મુદ્દા પરથી વાર્તાલેખન	વિદ્યાર્થીઓ કિકેટની શરૂઆત કયાં અને કયારે થઈ હતી એ વિશે પરિચોજના (પ્રોજેક્ટ કાર્ય) કરશે.
		16- સુભાષિતો [કાવ્ય] (3)		વિદ્યાર્થીઓ સુભાષિતોનો અંક બનાવશે.
March	3			પુનરાવર્તન



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Month	No. of working days	Sanskrit	Content/Sub Topic	Activity
April	21	३. डीजीभारतम्		डिजिटल इण्डिया इत्यस्मिन् विषये स्वस्य विचार कथय
		१. शुभाशितानी	व्याकरण - धातुरूप	शुभाशितस्य कक्षा मध्ये उच्चैः पठनं कुरुत शब्दान अर्थ सहितं लिखत
June	19	२. बिलस्य वाणी न् कदापि मे श्रुता		एकां अन्यम् वार्ताम् कारयत
		४. सदैव पुरतो निधेही चरणम्		कर्मविरतायाः संदेशं दातवान् लेखनम् कुरुत
July	17(8+9)	व्याकरण - समासः		समास रचनायाः एकम् सुन्दरम् वृक्षम् कारयत्
			पर्याय विपर्ययाः	शब्द उच्चारणम् कुरुत
August	21	५. कंटकेनैव कन्टकम्		एत्यस्मिन् एकां अन्यम् कथां लिखत
		८. संसार सागरस्य नायकाः	व्याकरण - अव्ययाः	पुरातन स्थापत्य विषय स्वस्य विचारम कथय शब्दान लिखत
September	10(7+3)	९. सप्त भगिन्यः		भारत देशस्य सीमांकन दर्शय सप्त भगिन्यस्य राज्यम लिखत
October	16	व्याकरण - प्रत्ययाः		शब्दान कंठस्य कुरुत
		संवाद लेखनम्	चित्र वर्णनम्	अध्यापकस्य दियताम् चित्रस्य वर्णनम् लिखत अध्यापकस्य दियताम् विषय अन्वय स्वस्य पतापिता सः एकं संवाद
November	11	११. सावित्रीबाई फुले		नारी शक्ति विषये स्वस्य विचार कक्षा मध्ये प्रस्तुत कुरुत
December	20	१४. आर्यभटः		आर्यभटस्य रचनायाः विषये लिखत
			व्याकरण - समयः	चित्रं दृष्ट्वा समय लिखत
January	12	१५. प्रहेलिका		अन्य त्रयः प्रहेलिकाम् आनय च कक्षा मध्ये प्रस्तुत कुर्वन्ति
February	22	व्याकरण - विभक्ति		विभक्तयस्य चार्ट रचनाम् कुरुत
		दोहरान कार्यम्	शब्दरूप	शब्द लेखनम् कुरुत
March	3		Revision	

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Month	No. of working days	I.T	Content / Sub Topics	Activities
April	21	Chapter 1. Computer Fundamentals	1.1 Computer Network 1.2 Types of Networks 1.3 Network Architecture 1.4 Internet , Intranet & Externet 1.5 Protocols 1.6 Data Transmission Media 1.7 Network Topology 1.8 Network Devices	<u>Activity 1:</u> Draw the different network topology using creativity ideas.
June	19	Chapter 2. Windows Movie Maker	2.1 Windows Movie Maker 2.2 Parts of Windows Movie Maker 2.3 Creating a movie 2.4 Adding Audio Files 2.5 Adding Title, Caption and Credits 2.6 Applying Transitions 2.7 Trimming the duration of a Movie	<u>Lab Activity :</u> Collect the pictures of your favourite family trip and import them to Window Movie Maker to create a memories movie. Give suitable title, apply visual effects and export it in .mp4 format.
		Chapter 3. Microsoft Access 2010	3.1 Database and Database Management System	<u>Activity 1 :</u> Collect some interesting facts or articles from the wikipedia about the Database. Summarize the topic and note it down in the chart paper.
July	17(8+9)	Chapter 3. Microsoft Access 2011 (contd)	3.2 Microsoft Access 3.3 Working with Tables 3.4 Creating and Running Queries 3.5 Creating Forms 3.6 Creating Reports 3.7 Closing Database and Exiting Access	<u>Lab Activity :</u> Create a table named "Books" to store information about your school library comics books. Perform the instructions which will be given by the computer teacher.
		Chapter 4. More on HTML	4.1 List Element	<u>Lab Activity :</u> Create a web page using List Element on the topic "Types of Software".
August	21	Chapter 4. More on HTML (contd)	4.2 Image Element 4.3 Tables in HTML 4.4 Hyperlink in HTML	<u>Lab Activity :</u> Create two webpages. Use Hyperlink in MainPage.html. (i) MainPage.html- which will contains links of the secondary devices when clicked the (ii) SubPage.html opens which will displays the information about the following clicked secondary device.
		Chapter 5. Graphics and Animations in Flash	5.1 Flash Timeline 5.2 Symbols	<u>Lab Activity :</u> Convert a bird image to a graphical sybmol and create a timeline motion to move the bird to one position to another.
September	10(7+3)	Chapter 5. Graphics and Animations in Flash (contd)	5.3 Creating Animations 5.4 Motion Guide	<u>Lab Activity :</u> Create an Animation to show the movement of the ball using the motion guide.
		Chapter 6. More on C++	6.1 Operators 6.2 Conditional Statements	<u>Lab Activity 1 :</u> Write a C++ Program to input a character and check if it is a vowel using Switch...case Statement. <u>Lab Activity 2 :</u> Write a C++ Program to input a number and check if it is divisible by 5.
October	16	Chapter 7. Introduction to Visual Basic	7.1 Starting Visual Basic 7.2 Parts of Visual Basic Windows 7.3 Controls in Visual Basic	<u>Activity 1 :</u> Draw the parts of Visual Basic Window on the chart and also label its important tabs.
November	11	Chapter 7. Introduction to Visual Basic (contd)	7.4 Placing Controls onto a Form 7.5 Creating a Simple Visual Basic Application 7.6 Exiting Visual Basic	<u>Lab Activity :</u> Create a simple calculator in Visual Basic. Write the code for the following mathematical functions (i) Addition (ii) Subtraction (iii) Division (iv) Multiplication and (v) Exit in Code Editor Window.
December	20	Chapter 8. Programming Elements of Visual Basic	8.1 Basic Elements of a Visual Basic Program 8.2 Control Statements	<u>Lab Activity :</u> Write a Visual Basic Program to find the area and perimeter of a rectangle.
		Chapter 9. Learning Adobe Photoshop	9.1 Starting Adobe Photoshop 9.2 Creating a New Photoshop File 9.3 Saving a Photoshop File 9.4 Opening a Saved Photoshop File	<u>Lab Activity :</u> Create a Photoshop file and specify the colour mode as CMYK with a resolution of 800 pixels/inch and a height of 640 pixels
January	12	Chapter 9. Learning Adobe Photoshop (contd)	9.5 Closing a Photoshop File and Exiting Photoshop 9.6 Tools of Photoshop 9.7 Working with Layers 9.8 Using Filters	<u>Lab Activity :</u> Open an image of your choice in Photoshop and apply the 'radial blur' filter to it.
February	22	Chapter 10. Introduction to JAVA	10.1 Basic features of JAVA 10.2 Creating, Compiling and Running JAVA programs 10.3 Programming Elements 10.4 Programming Constructs in JAVA	<u>Lab Activity 1 :</u> Write a JAVA Program to print odd numbers between 1 to 50 using the do...while loop. <u>Lab Activity 2 :</u> Write a JAVA Program to print number 50 to 100 in reverse order using while loop.
March	3	Revision		