

# DELHI PUBLIC SCHOOL

## Bokaro Steel City

### TERM AND MONTH-WISE SPLIT-UP SYLLABI OF CLASS – VI FOR THE SESSION 2018-2019

#### Subject : Sanskrit

पाठ्यपुस्तक – सरस्वती नव संस्कृतम् (भाग – 1)–6 सरस्वती मणिका संस्कृत व्याकरण (भाग–1)

माह	कार्य- दिवस	निर्धारित पाठ्यक्रम	नियत कार्य / विभिन्न गतिविधियाँ
अप्रैल+मई	21+5	पाठ –1. वर्णमाला पाठ –2. संस्कृतशब्दपरिचय: – 1 म0सं0 व्याकरण – 1. संस्कृत वर्णमाला – अक्षरज्ञान, मात्राज्ञान, वर्णविन्यास नैतिक मूल्यम् – वर्णमाला का ज्ञान ।  वर्गगतिविधयः – वस्तुओं द्वारा लिंगं ज्ञान ।	संस्कृतवर्णमाला का पुनः अभ्यास ।  पाठ–1–वर्णमाला वर्णों की सहायता से सचित्रपदों का निर्माण ।  पाठ–2– वस्तुओं के द्वारा लिंग के ज्ञान के लिए चित्रनिर्माण ।
जून	15	पाठ – 3. संस्कृतशब्दपरिचय: – 2 म0सं0 व्याकरण – 2. शब्दरूप प्रकरण – बालक, लता, फल, तत्, एतत् । नैतिक मूल्यम् – संस्कृत शब्दों का ज्ञान ।  वर्गगतिविधयः–परस्पर संस्कृत संभाषण परियोजना–कार्य ।	<b>नियतकार्य–1</b>  पाठ–3 प्रश्नोत्तर के माध्यम से पुरुषज्ञान । शब्दरूप का स्मरण ।  सर्वनामशब्दों के आधार पर  चित्रों पर आधारितशब्दकोषनिर्माण ।
जुलाई	22	पाठ – 4– सर्वनाम – दैनिक –वाक्य व्यवहारः– शब्दज्ञानम् । पाठ – 5– धातुपरिचयः (क्रिया) म0सं0 व्याकरण – पाठ–3– धातुरूप प्रकरण – पठ्, लिख्, नम्, गम्, हस्, चल्, धाव्, क्रीड्, पत्, कृ, भू, अस्, दृश्, नृत्, स्था, पा,दा, खेल् – लट् लकार । पाठ–4– कारक तथा उपपद विभक्तियाँ नैतिक मूल्यम् – विभक्तियों का ज्ञान ।  वर्गगतिविधयः – संस्कृत का प्रयोग करके परस्पर अभिवादन ।	<b>अन्तरपरीक्षा - 1</b>  पाठ–4 प्रश्नोत्तर के माध्यम से वचन का ज्ञान । पाठ–5 उदाहरण के माध्यम से विभिन्नक्रियाकलापों का अवबोधन । धातुरूपों का स्मरण । • कठिन परिस्थिति –परीक्षा के समय तैयारी अच्छी नहीं होने पर हतोत्साहित न हो । कुछ मुख्य बिन्दुओं पर ध्यान देना चाहिए – • शिक्षकों की सहायता लें । • दो –चार वर्षों के प्रश्न–पत्रों की सहायता लें ।
अगस्त	22	पाठ – 6– बालकाः पठन्ति (लट् लकारः,प्रथमः पुरुषः) पाठ – 7– युवाम् खेलथः(लट् लकारः,मध्यमः पुरुषः) पाठ – 8– अहं पठामि (लट् लकारः,उत्तमः पुरुषः) पाठ–9– कारक –परिचयः उपपद–द्वितीया – प्रति, उभयतः, परितः,विना । उपपद –तृतीया– सह, अलम् म0सं0 व्याकरण –पाठ –5 – अव्ययः	वाक्यरचना का अभ्यास ।  पाठ–6 पदों के उचित क्रियापदों से मेल करके वाक्यों का प्रयोग पाठ–7 धातुओं का प्रयोग करके वाक्यरचना । पाठ–8 तथा 9 – प्रथम,मध्यम,उत्तम पुरुष का प्रयोग,कारक के विभक्तियों का प्रयोग । नियतकार्य – 2

पाठ-6- पर्यायाः एवं विपर्ययाः  
पाठ-7- वाक्य रचना  
पाठ-12- अपठितगद्यांश (सरल गद्यांश)

पाठ-10- चित्रवर्णन  
पाठ -11-सङ्केताधारित वार्तालाप  
नैतिक मूल्यम् – कर्ता तथा क्रिया का ज्ञान ।

वर्गगतिविधयः – अभिवादन का अभ्यास, परस्पर मित्रवत्  
आचरण ।

•कठिन परिस्थिति

संस्कृत उच्चारण सम्बन्धी  
अशुद्धियाँ होने पर हतोत्साहित न  
हों । कुछ मुख्य बिन्दुओं पर ध्यान  
देना चाहिए ।

- संस्कृत सम्भाषण ।
  - संस्कृत में अभिवादन ।
  - संस्कृत में गायन ।
- संख्याक्रीडा 1-10

सितम्बर 19

पाठ – 1 से 9 तक पुनरावृत्तिः  
म0सं0 व्याकरण –  
पाठ – 8 – संख्या 1-10  
पाठ – 9 – अशुद्धि – संशोधन  
अर्द्धवार्षिक परीक्षा  
पाठ – 10. कर्तृकारकम्( प्रथमा विभक्ति )

सम्बोधन , अव्यय प्रयोग; दैनिक वाक्यव्यवहारः

पाठ -11- कर्मकारकम्(द्वितीया विभक्ति)  
उपपद-प्रति, धिक्, विना ।  
म0सं0 व्याकरण –  
11. संकेताधारित – वार्तालापः

पूर्व प्रदत्त धातुओं का लृट् लकार रूप ।  
नैतिकमूल्यम् –कर्ता कारक प्रथमा विभक्ति का महत्त्व तथा द्वितीया  
विभक्ति का प्रयोग करके सचित्र वाक्य रचना का ज्ञान ।  
वर्ग गतिविधयः –संस्कारयुक्त सुभाषित श्लोकों का संकलन ।

संस्कृतवर्णमाला का पुनः अभ्यास । अक्टूबर 18

पाठाधारित अभ्यासकार्य,

अव्यययुक्त वाक्यों का प्रयोग

तथा वाक्य- निर्माण ।

पाठ – 10,11 के विभक्तियों के प्रयोग के  
माध्यम से कर्तृकारक और कर्मकारक का ज्ञान ।

नवम्बर 16

पाठ – 12 – करणकारकम् (तृतीया विभक्तिः)  
पाठ – 13- सम्प्रदानकारकम् (चतुर्थी विभक्ति :)  
पाठ – 14-अपादानकारकम् ( पंचमी विभक्तिः)

उपपद – विना,सह,अलम्(वृथा) ,अलम् (पर्याप्त है),  
दा( यच्छ),नमः, बहिः ।

पाठ – 12- के वाक्यों के माध्यम

से करणकारक का ज्ञान , पाठ –

13 सम्प्रदान कारक का ज्ञान,

अपादान कारक का ज्ञान,

उपपदयुक्त वाक्यों का चयन –

पंचमी –बहिः, भी धातु ।

•कठिन परिस्थिति कक्षा में किसी

म0सं0 व्याकरण

–

छात्र या छात्रा के नाक से रक्त- स्राव होने पर

•शीघ्र शिक्षक को बताएं ।

12. सरलगद्यांशः

शब्दरूप – अस्मद्, युष्मद्, किम् ।

•परिचारिका की मदद लें। सीधा लेटकर गर्दन को  
ऊपर दस मिनट तक कर लें । ठंडे पानी  
का प्रयोग करें। **अन्तरपरीक्षा . 2**

नैतिकमूल्यम् – तृतीया,चतुर्थी,तथा  
पंचमी विभक्ति का प्रयोग करके सचित्र  
वाक्य रचना का ज्ञान ।

वर्गगतिविधयः – तृतीया, चतुर्थी तथा  
तथा पंचमी विभक्ति के द्वारा संस्कारयुक्त  
सुभाषित श्लोकों का संकलन ।

दिसम्बर	20	पाठ – 15- सम्बन्धः (षष्ठी विभक्तिः) पाठ – 16- अधिकरणकारकम् (सप्तमी विभक्तिः) पाठ – 17- लृट् लकारः (भविष्यत्कालः)	पाठ – 15 – षष्ठी विभक्ति का ज्ञान । पाठ-16- सप्तमी विभक्ति का ज्ञान । पाठ – 17 – लृट् लकार का ज्ञान ।
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नवसंस्कृतम् – पृष्ठ – 130-132

म०सं० व्याकरण –पाठ – 8- संख्या (1-20),

13. सरलकथा, घटनावर्णनम् ( 1, 2 )

नैतिकमूल्यम् – सम्बन्ध , अधिकरणकारक का ज्ञान ।

वर्गगतिविधयः – संस्कारयुक्त सुभाषित श्लोकों का संकलन ।

जनवरी	17	पाठ – 18 – छात्राणां लक्षणानि षट् (श्लोकाः), पाठ-19- मम विद्यालयः (संख्याः ), दैनिक –वाक्यव्यवहारः, अनुवाद । और गायन ।	पाठ – 18 – विविध सूक्तियों का संकलन और स्मरण । विशिष्ट श्लोकों का चयन
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म०सं० व्याकरण –  
पाठ –10- चित्रवर्णनम् ।

नैतिकमूल्यम् – उद्यम तथा विद्या का महत्त्व एवं संख्या का ज्ञान ।

वर्गगतिविधयः – ज्ञान, परोपकार, दान तथा विद्या इन विषयों  
के आधार पर संस्कारयुक्त सूक्तियों का संकलन ।

अपने विद्यालय का सचित्र  
परिचय । **नियतकार्य – 3**  
चित्र पर आधारित अनुच्छेद लेखन ।  
दिनचर्या का सही रूप से  
पालन न करने पर सेहत  
खराब हो जाने से पूर्व पढ़ाई  
में व्यवधान आने पर घबराएं  
नहीं । कुछ मुख्य बिन्दुओं पर  
ध्यान दें –  
समय पर भोजन करें ।  
समय पर निद्रा ।

फरवरी	21	पाठ 10 – 19 समस्त पाठों की पुनरावृत्ति । नवसंस्कृतम् – पृष्ठ संख्या – 136 – 140 , सम्पूर्णव्याकरणभाग की पुनरावृत्ति । अनुवाद – संस्कृत से हिन्दी तथा हिन्दी से संस्कृत । वार्षिक परीक्षा ।
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## विषय – हिन्दी

### निर्धारित पुस्तकें –

1. वसंत भाग – 1 (एन. सी. ई. आर. टी.)
2. व्याकरण लतिका भाग – 1 (मधुवन)
3. बाल रामकथा – (एन. सी. ई. आर. टी.)

माह	क0दि0	निर्धारित पाठ्यक्रम	गतिविधियाँ/ मूल्यबोध
अप्रैल	21	<b>वसंत</b> – 1. केदारनाथ अग्रवाल – वह चिड़िया जो ( कविता ) 2. कृष्णा सोबती – बचपन (संस्मरण) 3. प्रेमचंद– नादान दोस्त (कहानी) <b>बाल रामकथा</b> – अवधपुरी में राम । <b>व्याकरण</b> – 1. भाषा, बोली, लिपि और व्याकरण । 2. वर्ण–विचार और उच्चारण । अनौपचारिक पत्र–लेखन, निबंध–लेखन ।	1. कविता–वाचन । 2. बचपन की किसी रोचक घटना का उल्लेख । अपठित गद्यांश/ पद्यांश 1. स्वतंत्रता और संवेदनशीलता का बोध । 2. नैतिकता का बोध ।
मई	05	<b>वसंत</b> – 4. शमशेर बहादुर सिंह – चाँद से थोड़ी–सी गप्पें (कविता ) <b>बाल रामकथा</b> – जंगल और जनकपुर (क्रमशः) <b>व्याकरण</b> – संवाद लेखन ।	1. कविता वाचन । 2. विज्ञापन–लेखन । 3. कृष्ण पक्ष व शुक्ल पक्ष की जानकारी प्राप्त करना । समय–प्रबन्धन
जून	15	<b>वसंत</b> – 5. गुणाकर मूले – अक्षरों का महत्त्व । (निबंध ) 6. जयंत विष्णु नार्लीकर – पार नज़र के (कहानी) (क्रमशः) <b>बाल रामकथा</b> –जंगल और जनकपुर (शेष भाग) । <b>व्याकरण</b> – 3. शब्द–विचार व भेद 4. पर्यायवाची शब्द और पत्र–लेखन ।	1. ध्वनि के महत्त्व पर चर्चा 2. अक्षरों की खोज की प्रक्रिया, 3. मंगल ग्रह पर जीवन की संभावना ।
जुलाई	22	<b>वसंत</b> – 6. जयंत विष्णु नार्लीकर – पार नज़र के (कहानी) (शेष भाग) । 7. विष्णु प्रभाकर – ऐसे–ऐसे (एकांकी) 8. साहिर लुधियावनी–साथी हाथ बढ़ाना (कविता) <b>बाल रामकथा</b> – दो वरदान । राम का वन गमन । <b>व्याकरण</b> – 5. संज्ञा व उसके भेद । 6. संज्ञा के विकारक तत्व– लिंग, वचन व कारक । 7. विलोम शब्द । 8. उपसर्ग । 9. प्रत्यय ।	1. कविता–वाचन । 2. भूमिका–निर्वहन । 3. परिचर्चा 4. समय का सदुपयोग का बोध 5. परस्पर सहयोग की प्रेरणा ।
अगस्त	22	<b>वसंत</b> – 9. सुंदरा रामस्वामी – टिकट–अलबम	1. कथा वाचन

		(कहानी) 10. सुभद्रा कुमारी चौहान – झाँसी की रानी । (कविता) <b>बाल रामकथा</b> – चित्रकूट में भरत । दंडक वन में दस वर्ष । <b>व्याकरण</b> –10. वाक्यांशों के लिए एक शब्द । 11. सर्वनाम व उसके भेद । 12. विशेषण व भेद । 13. मुहावरे ।	2. परिचर्चा 3. स्वतंत्रता का बोध 4. वीरों की साहसिकता का परिचय । देश हित प्राणोत्सर्ग का संदेश । नैतिक बोध परक कथा
सितम्बर	19	<b>वसंत</b> – सम्पूर्ण पाठ की पुनरावृत्ति । <b>बाल रामकथा</b> – पुनरावृत्ति । <b>व्याकरण</b> – पुनरावृत्ति । <b>अर्द्धवार्षिक परीक्षा</b>	1. मौखिक व लिखित रूप से 2. प्रश्न-अभ्यास कार्य ।
अक्टूबर	18	<b>वसंत</b> – 11. हेलेन केलर – जो देखकर भी नहीं देखते (निबंध) । 12. सुमित्रानंदन पंत – मैं सबसे छोटी होऊँ (कविता) 13. जवाहरलाल नेहरू – संसार पुस्तक है (पत्र) <b>बाल रामकथा</b> – सोने का हिरण । सीता की खोज । <b>व्याकरण</b> – विशेषण ।	<ul style="list-style-type: none"> <li>● कविता-वाचन</li> <li>● आंतरिक दृष्टि और प्रकृति-प्रेम</li> <li>● नैतिक-बोध</li> <li>● बाल मनोभाव</li> </ul>
नवम्बर	16	<b>वसंत</b> – 14. भगवतशरण उपध्याय – लोकगीत (निबंध) । 15. जया विवेक – पेपरमेशी । <b>बाल रामकथा</b> – राम और सुग्रीव । लंका में हनुमान । <b>व्याकरण</b> – क्रिया , काल पर्यायवाची शब्दविलोमशब्द अनेकार्थी शब्द, वाक्यांश के लिए एक शब्द श्रुति समभिन्नार्थक शब्द , संवाद-लेखन	<ul style="list-style-type: none"> <li>● लोकगीतों की सत्ता और महत्ता</li> <li>● सामूहिक वाचन</li> <li>● भाव- प्रबंधन</li> <li>● संवेदनशीलता</li> </ul>
दिसम्बर	20	<b>वसंत</b> – 16. अनु बंधोपाध्याय – नौकर (निबंध) । 17. तुलसी दास- वन के मार्ग में (कविता) <b>बाल रामकथा</b> – लंका विजय । <b>व्याकरण</b> – अव्यय या अविकारी शब्द पत्र लेखन ।	<ul style="list-style-type: none"> <li>● स्वतंत्रता, आत्मनिर्भरता निष्काम सेवा भाव ।</li> <li>● प्रेरक प्रसंग व परिचर्चा</li> </ul>
जनवरी	17	<b>वसंत</b> – 18. एलेक्स एम0 जार्ज – साँस-साँस में बाँस (निबंध) । 19. विनय महाजन – मत बाँटो इंसान को (कविता) । <b>बाल रामकथा</b> – राम का राज्याभिषेक । <b>व्याकरण</b> – विराम चिह्न, मुहावरे तथा लोकोक्तियाँ निबंध –लेखन ।	<ul style="list-style-type: none"> <li>● बाँस की उपयोगिता और महत्ता पर प्रकाश</li> <li>● मानवतावादी दृष्टिकोण</li> <li>● कविता वाचन</li> <li>● प्रेम और भाईचारा का संदेश</li> </ul>

फरवरी 21 वसंत – निर्धारित पाठों की पुनरावृत्ति ।  
 बाल रामकथा – पुनरावृत्ति ।  
 व्याकरण – पुनरावृत्ति ।  
 वार्षिक – परीक्षा

● मौखिक व लिखित अभ्यास-  
कार्य ।

**Subject : English**

Text Books-1. New Aster (LR), Pearson-VI

2. Collins English Grammar and Composition [WB], Collins-VI
3. Extended Reading-Midsummer Night's Dream (ER), Scholastic-VI
4. ELT- Dialogue, Orient BlackSwan-VI

Month	WD	Book/ Area	Unit/Chapter	Activities	Values	Life Skills(Real life situations)
Apr+ May	21+	LR  MCB WB  ER  ELT	Uncle Podger Hangs a Picture (Prose) Dear Mum(Poem) His First Flight Kinds of sentences Articles, Prefixes- suffixes Pg.7-9 Introduction of characters(An Angry Visitors, Running Away) This or that	1.Poster writing(Go Green, Clean India,Green India) 2.Group Work- playing with 'Affixes' (using prefix and suffix) 3.Paragraph writing (Importance of Being Punctual) 4.Travelogue (Project) 5.Smart Board- elaboration of Sentence and Articles	"Fun makes your life simple and easy going."(ref.- Uncle Podger Hangs a Picture)	.Describing people from real life situation- a hilarious character like Uncle Podger  .How do you save yourself from scoldings? What are the interesting excuses you have given for your mischief
June	15	LR  WB  ER  ELT	.The Prince and the Swallow(Prose) .The Way Through the Woods(poem) .Nouns – Number, Countable, Uncountable, Gender, Possessive Pg.10-13(The Players Meet Oberon Plots) Give or take	1.Letter Writing(Informal) 2.Group Activity-Having fun with 'Verbs'(helping verbs /Auxiliary verbs) 3.Dialogue Writing based on day-to-day conversation 4.Diary entry/writing in role 5.Smart Board- understanding Nouns	"Joy of Giving- Do you feel happy when others are happy around you"(ref.-The Prince and the Swallow)	.Finding a 'Happy Prince' in your life who never dreams of crying for anything .How being happy solves the life's problems
July	22	LR  MCB  WB  ER  ELT	.Life with Uncle Ken(Prose) .The Miller of the Dee(Poem) .Chief Seathl's Message	1. Advertisement 2. PPT on Tree House (Grandmaa Climbs a Tree by Ruskin Bond) 3.Letter Writing (Leave pplication) 4.Smart Board-elaboration of Pronouns	"Real happiness comes from contentment and peace of mind not from wealth."(ref.- The Miller of the Dee)	.Describing grandfather/gran dmother/relative s, their role in your life .talking about real life situation that children share with grandparents
Aug	22	LR  MCB  WB	Bird Watcher (Prose)  The Old Brown Horse(Poem) Verbs	1.E-mail writing(to a friend about your favourite pastime- Watching Birds) (ref.-Bird Watcher)	"Save wild life,Animals are also an important part of God's	Describing birds, their various activities, their need in real life

		ER ELT	.Adjectives Pg.18-23(Making an ass of Bottom, Mistaken Identity) - Here and There - Out in the open	2.Fun with words- names of the people who study different kinds of living being, eg.-Ornithology 3.Inclusive teaching-Bio teacher (about birds) 4.Smart Board- understanding verbs , Adjectives	creation”(ref.- The Old Brown Horse)	situation .Should birds be caged? - debate based on multi formats .Animal an important part of eco-system
Sept	19	LR MCB WB ER ELT	.Where the mind is Without Fear (Poem) .The Bishop’s Dream .Adverbs .Tense Revision Full of beans	1.Improving vocabulary- Antonyms and synonyms 2.Group activity-Biography of Tagore, his various poems 3.Smart Board- understanding Adverbs, Tense	Equality “Spreading equality among human beings.”(ref. Where the mind is.....)	.Equality and its importance in real life situation .Good behaviour can change negative thinking GD/Debate
Oct	18	LR WB ER ELT	Songs of Innocence (Poem)  - Subject Verb Agreement - Phrases and Clauses  Pg.24-27(Love and Hate, Keeping the Peace) What a feeling?	1. Speech writing(Morning Assembly) 2. Notice writing 3. Dialogue writing – Reported Speech 4. Story writing (based on hints-That day I learnt.....) 5.Debate (current and relevant issues) 6.Smart Board-elaboration of Modals, SVA	“Natural surrounding and happiness(ref. - Songs of Innocence)”	Describing nature, its beauty, its various phases referring to different stages of our life, its importance .Why child’s innocence should be compared with nature’s beauty?
Nov	16	LR WB ELT	The Gift of Magi (Prose) A Matter of Honour (Prose)  Preposition Interjection Conjunction - All in a day’s work - Going places	1. Writing a ‘Do it yourself’ procedure for any gift- Handmade gifts are always better than store-bought ones (ref. The Gift of Magi) 2.Report Writing (Newspaper and Magazine) 3.Message writing 4.Smart Board- understanding Preposition, Interjection, Conjunction	“Gifts – a way out for our emotions”	Describing people who care for you and your interest How sacrificing / helping friends/relatives can make human bond stronger
Dec	20	LR MCB WB ER ELT	Eureka! (Poem) An Adventure in the Himalayas Punctuation Active and Passive Pg.32-35(Lost and Found, The Play’s the thing) Eating out Celebrate	1.PPT-Nurturing Nature 2.Smart Board- understanding Punctuation, Active Passive Voice	“Save Nature, save Lives on Earth”	Describing people who are multi-talented Talking about child prodigies People like Jawaharlal Nehru and their impact on our life
Jan	17	LR MCB WB ELT	Travel (Poem) Heaven Lake Direct-Indirect Speech For love of the game	1.Travel Brochure-Designing a travel brochure for an attractive tourist place 2.Smart Board –understanding Direct Indirect Speech	“Travelling enhances our experiences”	The unique world of travelling – how India can become travel destination?
Feb	21		Revision Annual Examination	Revision	Revision	Revision

## Subject: Spoken English

Months	W.days	Topic	Activity	Value
April	21	Introduction of Phonetics consonants, vowels and diphthongs. Rules for word accents, weak forms and strong forms. Conversation Language lab What are soft skills?	Loud reading from any passage/poem. Conversation on 'Skill India'.	Enable to understand the speaking problems and pronounce the words well.
May	05	Describing pictures based on occupation. Aspects of formal presentation 'SPECIAL'.	Recitation to enhance body-language, eye contact, voice-modulation Everyday communication, dialogue presentation. Reading loudly from TTIS	Enable to develop comprehensive skills. Enable to develop the reasoning skills.
June	15	Wh. Family words ( what, which, when, where, how, who). Aspects of language listening, reading and writing, speaking (LSRW) Language lab. Strong work ethic.	TED TALK Role play on real life situation. Extempore.	Enable to speak fluently.
July	22	Tongue Twisters Peter Piper picked a peck of pickled peppers. A peck of pickled peppers Peter Piper picked. If Peter Piper picked a peck of pickled peppers, Where's the peck of pickled peppers Peter Piper picked? Pronunciation- stress and intonation. Language Lab. Communication skills.	Speech on Health is Wealth, a memorable day of my life, Hard work pays.	Motivate the students.
August	22	Tongue Twister (PPT) TED TALK Asking for suggestion. Language Lab Creative problem solving.	TED TALK Discussion on the TED TALK.	Getting ready for the exams.
September	19	Extempore Observation of accent from Telegraph Newspaper. Revision for Half Early exams.	Expressing about likes and dislikes. Closing conversation, expressing thanks.	Enable to speak confidently.
October	18	Receiving and responding to instructions. Role play TED TALK Language Lab. Time management.	Reading loudly from the text with proper pronunciation.	Enable to learn new words , Root words.
November	16	Word Game Debate on current issues Language Lab Teamwork.	Role Play Assembly Speech	Enable to speak with confidence.
December	20	Receiving and responding to instructions. Role Play Speech writing Teamwork.	Summarising a Speech	Enable to learn about voice modulation.
January	17	Rhyming words Expressing emotions Public speaking Leadership.	Discussion on the current issues.	Enable to talk with confidence.
February	21	Complement, good words. Group Discussion. TED TALK		



**Subject: Mathematics****Prescribed Text books:** Mathematics Text Book for class-VI –N.C.E.R.T

Mathematics for Class-VI –R.S.Aggarwal (BHARTI BHAWAN)

C.P. Mathematics Lab Manual-Class-VI (C.P.Publication)

**Reference Books:** 1)New Learning Mathematics, Class 6-M.L.Aggarwal (Avichal Publication Company)

2)New Systematic Mathematics, Class 6- Anil K. Sharma (Sultan Chand)

Months	W.D	Topics to be taught	Activities/ Values
April	21	<b>1.Number System:</b> Introduction Comparing Numbers Large Nos. in practice Estimation Roman Numerals	Act.-1(a),1(b) Moral value-caring & respect.
May	05	<b>2.Whole Numbers:</b> Introduction Whole number Number Line Properties of Whole Number Addition, Subtraction, Multiplication and Division	
June	15	<b>Whole Numbers(Contd.):</b> Word problems	caring
July	22	<b>Fractions:</b> Introduction Fraction Fraction on the No. line Proper fraction Improper fraction Mixed Fraction Equivalent fraction Simplest form of a Fraction Like and Unlike Fraction  Comparing Fraction Addition and Subtraction of Fraction.	Act.-8
August	22	<b>1.Simplification</b> <b>2.Decimals:</b> Introduction Tenths Representing Decimals on the No. line Decimals as fractions, Hundredths Comparing Decimals Using Decimals-Money, Length and width Addition of no. with decimals, Subtraction of decimals word problems <b>3.Integers:</b> Introduction Integers Ordering of Integers Addition of Integers Subtraction of Integers, Addition and subtraction with the help of No.Line. <b>4. Algebraic Expressions:</b> Introduction Variables Solution of an equation.	Act.-2,9,11 Discipline,responsibility.
August		<b>1. Algebraic Expressions(cont..)</b> Introduction Variables, Addition, Subtraction	Rights & courtesy.

		Solution of an equation.	
		<b>2.Linear equations in one variable</b>	Act.-10(a),(b)
		Solution, word problems	
		<b>3.Ratio, Proportion and Unitary method</b>	
		Introduction	
		Ratio, Proportion , Unitary method	
		<b>4.Symmetry:</b>	
		Introduction	
		Making symmetric figures	
		Figures with two lines of symmetry	
<b>September</b>	<b>19</b>	<b>Symmetry(Contd.)</b>	<b>Time-management.</b>
		Figures with multiple Lines of symmetry	
		<b>Revision for Half-Yearly Exam.</b>	
		<b>Half-Yearly Exam.</b>	
		<b>Question Paper Discussion.</b>	
		<b>Factors and multiples:</b>	
		Introduction	
		Divisibility Rules	
<b>October</b>	<b>18</b>	<b>Factors and multiples (Contd.)</b>	Acceptance of others.
		Factors and multiples	
		Prime and composite Numbers ,	Act.-4
		Common Factors and Multiples,	
		Some more divisibility rules	
		Prime factorization.	
		Highest Common Factor ,	
		Lowest Common Multiples	
		Problems on HCF and LCM	
<b>November</b>	<b>16</b>	<b>1.Concept of perimeter and area:</b>	Respect to elders.
		Perimeter , Perimeter of a Regular Shapes,	
		Area & word problems	
		<b>2.Data Handling:</b>	
		Introduction	Act-12
		Recording Data	
		Organization of Data	
		Pictograph, A Bar graph	
		Drawing a Bar graph.	
<b>December</b>	<b>20</b>	<b>1.Line segment , Ray and Line:</b>	Sensitivity to environment.
		Points, A line segment, Line Intersecting lines,	Act.-3(a),3(b)
		<b>Parallel lines</b> , Ray , Curves ,Angles, Triangles,	
		Quadrilaterals, Circles.	
		<b>2.Angles and their measurement:</b>	
		<b>3.Polygons</b>	
		<b>4.Triangles</b>	
		<b>5.Quadrilaterals</b>	
<b>January</b>	<b>17</b>	<b>1.Circles</b>	Act.-5,7
		<b>2.Three –Dimensional Shapes.</b>	Peace
		<b>3.Constructions:</b>	
		Introduction, A line segment , Construction of	
		Circles, Perpendiculars, Construction of Angles	
<b>February</b>	<b>21</b>	<b>Practical Geometry(Contd.)</b>	Act.-6
		Bisector of an angle	Time-management.
		<b>Revision for Annual Exam.</b>	
		<b>Annual Exam.</b>	

**Subject : Physics (Science and Technology)**

**Prescribed Text Book:** Prachi Science For Class VI

<b>Month</b>	<b>W.D.</b>	<b>Contents</b>	<b>Activity/ Projects</b>
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April	21	<b><u>Topic : SORTING MATERIALS INTO GROUP :</u></b> Sub Topic: Object around us, Classification of objects, Importance of classification, Materials. Properties of materials.	To find different types of objects that can be made from same material.
May	05	<b><u>Topic : Separation of Substances :</u></b> Sub Topic: Methods of separation of substances in a mixture.	
June	15	<b><u>Separation of Substances (Contd.)</u></b> Sub Topic: Methods of separation, Separation of solid substances from a mixture, separation of insoluble solids from a liquid (water), Separation of soluble solids from a mixture, separation of liquid from a mixture, separation of immiscible liquids from a mixture, Separation of mixtures by using more than one method, water as a solvent, Solution.	To show that water can dissolve a substance only upto a limit.
July	22	<b><u>Topic : Changes Around Us :</u></b> Sub Topic: Reversible & Irreversible changes, Physical & chemical changes. How to make changes take place. <b><u>Topic : Motion and Measurement of Distances :</u></b> Sub Topic: Story of transport, Measurement of length.	To study the (i) the effect of hanging a weight on a spring. (ii) effect when the weight is removed.
August	22	<b><u>Topic : Motion and Measurement of Distances : (Contd.)</u></b> Sub topic: Concept of Rest and Motion. Types of motion, Translatory motion, Circular Motion, Rotatory motion, Oscillatory motion, vibratory motion. Periodic motion, Non-Periodic Motion, Multiple Motion (Different Motions at same time) <b><u>Topic : Light, Shadow and Reflections :</u></b> Sub-Topic: Sources of light, Luminous and Non-luminous objects, Transparent, Opaque and Translucent materials, Light travels in a straight line, Shadows, Characteristics of shadow, Pinhole camera, Mirrors and Reflection of light.	To show the reflection of light by a plane mirror.
September	19	Revision Mid-Term Examination Question Paper Discussion	
October	18	Topic : Electricity and Circuits : Sub Topic: Electric cell, Electric Bulb, Electric Circuit, Electric switch, Electric conductors and Insulators. How does an Electric torch works, Electrical Safety.	To construct a simple electric circuit.
November	16	Topic : Magnetism : Sub Topic: Discovery of Magnets, Natural and Artificial magnets, Methods of making a magnet. Properties of a magnet, Test for Magnetism, Earth as a magnet, Magnetic compass, Demagnetisation, Uses of Magnets.	To find whether a given object is Magnetic or Non magnetic.
December	20	Topic : Water Sub Topic: Uses of water, Importance of water, Water for living organisms, Sources of water, Different States of water, Water cycle, Importance of rainfall, Natural disasters due to unpredictable rain, water Problem. How to conserve water, Rain Water Harvesting.	To study formation of clouds.
January	17	Topic : Air Around Us : Sub-Topic: Air is present all around us, Atmosphere; Composition of air, Air supports life, Balance of oxygen and carbon dioxide in nature, Role of the atmosphere.	To show that air contains a) Oxygen b) Dust Particles c) Water Vapour.
February	21	Revision Annual Examination	

**Subject : Biology (Science and Technology)****Prescribed text book : Prachi Science**

Month	WD	Chapter & topics	Activity
<b>April</b>	21	<p><b>Chapter 1. – Sources of food :</b></p> <ul style="list-style-type: none"> <li>• Food variety.</li> <li>• Sources of Food – food from plants, food from animals.</li> <li>• Food consumed by humans and animals</li> <li>• Food chain</li> </ul> <p><b>Chapter 2. – Components of food:</b></p> <ul style="list-style-type: none"> <li>• Food and nutrition</li> <li>• What do different food items contain? Carbohydrate, Fats ,Proteins</li> </ul>	<ul style="list-style-type: none"> <li>• Prepare a list of ingredients for food items like Idli / Cake / Vegetable Curry / Roti.</li> <li>• To identify the edible parts of some plants like mustard, banana, onion, groundnuts.</li> <li>• To prepare sprouted moong or chana.</li> </ul> <p>To demonstrate an activity showing the presence of starch, protein &amp; fats in different food stuff.</p>
<b>May</b> + <b>June</b>	8 + 15	<p><b>Chapter 2. – Components of food(contd.):</b></p> <ul style="list-style-type: none"> <li>• Vitamins and Minerals</li> <li>• Water and Roughage</li> <li>• Balanced diet.</li> <li>• Deficiency diseases.</li> </ul>	To prepare a chart of various deficiency diseases caused by vitamins and minerals.
<b>July</b>	21	<p><b>Chapter 3. – Fibre to fabrics :</b></p> <ul style="list-style-type: none"> <li>• Variety in fabrics, fibre- some plant fibres – cotton and jute.</li> <li>• Spinning cotton yarn</li> <li>• Yarn to fabric – Weaving &amp; knitting. History of clothing material.</li> </ul>	<ul style="list-style-type: none"> <li>• Collect and paste different types of natural fabrics, synthetic fabrics &amp; mixed fabrics.</li> </ul>
<b>August</b>	23	<p><b>Chapter 8. – Getting to know plants:</b></p> <ul style="list-style-type: none"> <li>• Herbs, shrubs &amp; trees.</li> <li>• Root system.</li> <li>• Shoot system.</li> </ul> <p style="text-align: center;">Leaf</p>	<ul style="list-style-type: none"> <li>• To demonstrate that water is given off during Transpiration .</li> <li>• To show Venation in leaf.</li> <li>• To study anchorage function of root.</li> <li>• To study difference between tap &amp; fibrous root.(Field trip)</li> </ul>
<b>September</b>	19	<p><b>Chapter 8.- Getting to know plants(contd.):</b></p> <ul style="list-style-type: none"> <li>• Flowers and Fruits</li> <li>• Revision</li> </ul> <p style="text-align: center;">Mid-Term Exam</p>	<ul style="list-style-type: none"> <li>• To show different parts of flower. (Field Trip)</li> </ul>
<b>October</b>	18	<p><b>Chapter 8. – Body movements :</b></p> <ul style="list-style-type: none"> <li>• Locomotion</li> <li>• Human body &amp; its movement: Bone joints</li> <li>• Types of Bone Joints: Fixed Joints, Ball &amp; socket joint, Pivotal joints, Hinge joints, Gliding joints.</li> <li>• Skeletal System and its function</li> <li>• Rib cage, Backbone, pelvic bone, cartilage &amp; muscle movement.</li> <li>• Gait of animal – Earthworm, snail, cockroach, bird, fish, snake</li> </ul>	<ul style="list-style-type: none"> <li>• To demonstrate movement in the case of ball &amp; joint.</li> <li>• To show the various bones &amp; joints in human skeleton.</li> <li>• To show movement of Earthworm / snail / cockroach / fish.</li> </ul>
<b>November</b>	16	<p><b>Chapter 9 – The living organisms and their Surroundings:</b></p> <ul style="list-style-type: none"> <li>• Organism &amp; the surroundings – Where they live</li> </ul>	<ul style="list-style-type: none"> <li>• To demonstrate plant's response to light stimulus.</li> </ul>

		<ul style="list-style-type: none"> <li>Habitat &amp; adaptation</li> <li>A journey through various habitats – Terrestrial Habitat (Desert, Mountain region &amp; Grassland), Aquatic Habitat (Oceans, Pond and lakes)</li> </ul>	
<b>December</b>	<b>20</b>	<b>Chapter 9. – The living organisms and their Surroundings(contd.) :</b> <ul style="list-style-type: none"> <li>Characteristics of the living beings.</li> <li>Nutrition, Growth, Respiration, Response to stimulus, Excretion, Reproduction, Movement, Structure</li> </ul>	To show that plant grows vertically under the action of gravity
<b>January</b>	<b>17</b>	<b>Chapter 16. – Garbage in Garbage out:</b> <ul style="list-style-type: none"> <li>Nature of the constituents of garbage.</li> <li>Dealing with garbage and Segregation of garbage</li> <li>Vermicomposting.</li> <li>Recycling of paper.</li> <li>Plastic – A boon or a curse.</li> </ul>	<ul style="list-style-type: none"> <li>To prepare a list of Bio-degradable and non-biodegradable waste products found in the surrounding area.</li> </ul>
<b>February</b>	<b>21</b>	<b>Annual Examination</b>	

### Subject : History & Civics (Social Science)

**Reference Book** 1.Our Pasts – I N.C.E.R.T; 2. Social & Political Life – I NCERT

**Text Book** **Integrated Social Science (Ratna Sagar - 6)**

<b>Month</b>	<b>W.D.</b>	<b>Chapter &amp; topics to be taught</b>	<b>Activity/ Projects</b>
April + May	21 + 05	<u>H 1 – Studying the past :</u> (i) Importance of history (ii) Sources of history <u>H 2 – Early Humans - I</u> (i) The stone age (ii) Features of Palaeolithic Age <u>C 1 – Unity in Diversity :</u> (i) Factors influencing diversity (ii) Unity in Diversity	<ul style="list-style-type: none"> <li>Making models of tools used in Palaeolithic Age and Neolithic Age. Inclusive teaching with Art &amp; Craft Dept.</li> <li>Depicting the diversity of India through Pictorial Album.</li> </ul>
June	15	<u>H 3 – Early Humans - II</u> (i) Features of Neolithic Age (ii) Archaeological Evidences <u>C 2 – Striving for Equality :</u> (i) Prejudice, Discrimination, Stereotypes. (ii) Diversity and the Indian constitution	<ul style="list-style-type: none"> <li>Enlist the fundamental rights given in Indian constitution. Inclusive teaching with Geography department</li> </ul>
July	22	<u>H 4 – The first Cities :</u> (i) Extent and sites of Indus Valley. (ii) Town planning (iii) Occupation and Trade.  <u>C3 Forms of Government – Meaning, level, organs and types Key elements of a Democratic Government:</u> <u>C4 Democratic Government</u> (i) Features of Democracy (ii) Democracy and Indian Constitution	<ul style="list-style-type: none"> <li>Map work - Make a list of important sites of Indus Valley and point it on map of India.</li> <li>Point out Democratic countries in the world map.</li> </ul>
August	22	<u>H 5– The Age of the Vedas :</u> (i) Social Life of Vedic Period (ii) Religious Life of Vedic Period (iii) Political Life of Vedic Period (iv) Occupation of Vedic period. <u>C5 – Panchayati Raj System</u>	<ul style="list-style-type: none"> <li>Chart on Panchayati Raj System. Inclusive teaching with Sanskrit dept.</li> <li>List the various religious beliefs of the Vedic period.</li> </ul>

		(i) Structure of Panchayati Raj (ii) Gram Sabha and Gram Panchayat (iii) Block Samiti and Zila Parishad	
September	19	Revision and <b>Mid-Term Examination</b>	
October	18	<u>H 6– Early kingdoms:</u> (i) Janapadas and Mahajanpadas (ii) Republics and Monarchies <u>C 6 – Local Self Government in Urban Area:</u> (i) Municipal Corporation and council (ii) Structure Power & Function.	<ul style="list-style-type: none"> <li>Point out important Mahajanpadas on the map of India</li> <li>Inclusive teaching with geography dept. &amp; Hindi dept.</li> </ul>
November	16	<u>H7 – Growth of New Ideas</u> (i) Teaching of Buddhism (ii) Teaching of Jainism  <u>H8 –The First Empire - The Mauryas:</u> (i) Mauryan Empire (ii) Emperor Askoka and Kalinga War (iii) Ashoka’s Dhamma (iv) Maurya Administration <u>C 7 – District Administration:</u> (i) Structure & Function (ii) Judicial Administration	<ul style="list-style-type: none"> <li>Make flow chart of various levels of police officers.</li> <li>Pictorial album of Ashoka</li> <li>Making timeline chart</li> <li>Prepare s report on the functions of municipal corporation.</li> </ul>
December	20	<u>H 11 – The Gupta Empire:</u> (i) The Gupta Empire (ii) Prashasties (iii) Rulers of Gupta Empire <u>C 8– Rural Livelihood :</u> (i) Main occupation of Villagers (ii)Types of Farmers	<ul style="list-style-type: none"> <li>Making a model of any temple of South India.</li> <li>Making time line chart pictorial album of Rural and urban livelihood of India Inclusive Teaching with Maths &amp; Science Dept.</li> </ul>
January	17	<u>H12 – Culture And Science in ancient India:</u> (i) Religious and Secular Literature (ii) Art and Architecture (iii) Development in Science <u>C 9–Urban Livelihoods</u> (i) Main occupations of Urban areas. (ii) Comparison of Rural and Urban structure.	<ul style="list-style-type: none"> <li>Make a list of religious and secular literature</li> <li>Inclusive teaching with Hindi dept.</li> </ul>
February	21	Revision <b>Annual Examination</b>	

**Subject : Social Science (Geography)**

**Text Book: Integrated Social Science – 6, Ratna Sagar**

**Reference Book: The Earth Our Habitat - NCERT**

Month	W. D.	Topics	Inclusive Education	Activities / Projects
April + May	21 + 05	Ch 1 The Earth and the Solar system - Introduction and a brief history of Universe, Stars, Galaxy, The solar system, The sun, The Planets, The Earth, other planets in the Solar system, The Satellites, Moon and its phases, Asteroids, Meteors, Comets and Constellations Ch 2 Globes – Latitudes and Longitudes	Physics Planets and their Satellite  History Greek Mythology on comets and constellations	Activity: Cover page on the theme Our Universe Project: An album on zodiac signs and constellations

June	15	<p>Ch 2 latitudes and Longitudes The Globes - Introduction</p> <p>a. Parallels &amp; Meridians</p> <ul style="list-style-type: none"> <li>- Parallels of Latitudes</li> <li>- Important parallels</li> <li>- Heat zone</li> <li>- Longitudes or Meridians</li> </ul> <p>b. Longitudes and Time</p> <ul style="list-style-type: none"> <li>- Local time, Standard time &amp; Time zones</li> <li>- Standard Meridians</li> <li>- Time zones</li> </ul>	<p>Physics – Temperature Maths-Calculation of time</p>	<p>Activity: Pictorial Representation of the Heat Zones of the Earth.</p>
July	22	<p>Ch – 3 Motions of the earth</p> <p>a. Introduction</p> <p>b. Rotation of the Earth</p> <ul style="list-style-type: none"> <li>- Effects of rotation</li> <li>- Circle of illumination</li> <li>- Length of day and night</li> </ul> <p>c. Revolution, of the Earth</p> <ul style="list-style-type: none"> <li>- Effects of revolution</li> <li>- The phenomenon of season</li> </ul>	<p>- Physics Solstices Equinoxes</p>	<p>- Activity. Notebook week &amp; – Painting of the four seasons of India.</p>
August	22	<p>Ch – 4 Globes and Maps</p> <p>a. Introduction</p> <p>b. Types of Maps</p> <p>c. Measuring distance (Scales)</p> <p>d. Finding directions</p> <p>e. Conventional signs and symbols</p> <p>f. Sketch and a Plan</p>	<p>Maths – Scales and Ratio</p>	<p>5 : Symbolic survey of the school campus</p>
September	19	<p>Ch 5, Major domains of the earth:</p> <p>a. Lithosphere – Continents</p> <p>Revision through Quiz, Assignment, Class Test etc.</p> <p><b>Mid-Term Examination</b></p>		
October	18	<p>Ch – 5 Major Domains of the Earth</p> <p>a. Lithosphere - continents</p> <p>b. Hydrosphere – oceans</p> <p>c. Atmosphere – Composition and structure</p> <p>d. Biosphere and its components</p>	<p>Chemistry: Salinity of ocean water</p> <p>Physics: Layers of atmosphere</p> <p>Biology: Biotic and Abiotic components</p>	<p>Activity: Quiz on continents and oceans. A cover page on any one domains of the earth</p>
November	16	<p>Ch.6 Major landforms of the earth:</p> <p>a) Mountains (Types &amp; Importance)</p> <p>b) Plateaus (Types and significance)</p> <p>c) Plains and its Importance</p> <p>Ch. 7. India – Location and Political Divisions</p>	<p>English: All things Bright &amp; Beautiful by William Wordsworth.</p>	<p>Project: Collection of pictures to prepare an album on major fold mountains of the Earth.</p>
December	20	<p>Ch 8: India – Physical features</p> <p>a) The Northern Mountain,</p> <p>b) The Northern Plains,</p> <p>c) The Peninsular Plateau,</p> <p>d) The Coastal Plains, The Island</p> <p>Ch 9: India – Climatic condition</p> <p>a. Introduction</p>	<p>Biology: Weather and climate</p>	<p>Activity : Preparing a list of top 10hill stations of Himalayas</p>

		b. Factors affecting India's climate		
January	17	Ch 9 continued c) The cycle of seasons Ch 10 India – Natural Vegetation and Wildlife a) Introduction b) Types of forests c) Importance of Forests and wildlife and their conservation	Biology – Flora and fauna	Activity Preparation of a chart listing endangered species of plants and animals, National Parks and wildlife sanctuaries  Quiz, mock test , assignments, doubt clearance classes etc
February	21	Revision for Annual Examination		

**Subject : CompSc(Wed)**

**Text Books –**

Month	W. Days	Topics To Be Covered
April + May	21+05	<p><b>HISTORY AND GENERATIONS OF COMPUTERS</b></p> <ul style="list-style-type: none"> <li>• First use of word ‘Computer’</li> <li>• Successive Development of Computing Machines</li> <li>• Computer Generations</li> <li>• Concept of Computer System</li> </ul> <p>✓ Functional Units-Input/output Devices</p> <ul style="list-style-type: none"> <li>• Worksheet</li> </ul> <p><b>Activity:</b></p> <p style="text-align: center;"><b>Demonstrating various hardware components in Lab</b></p> <p><b>PROGRAMMING ESSENTIALS</b></p> <ul style="list-style-type: none"> <li>• Introduction to Programming Languages</li> <li>• Types of Programming Language</li> <li>• Types of Softwares</li> <li>• Language Translators</li> <li>• Worksheet</li> </ul> <p><b>Activity:</b></p> <p style="text-align: center;"><b>Demonstrating Language Translators in Lab</b></p>
June	15	<p><b>INTRODUCTION TO QBASIC</b></p> <ul style="list-style-type: none"> <li>• What is programming</li> <li>• Features of QBASIC</li> <li>• QBASIC Rules</li> <li>• Step by Step Guide to run your program</li> <li>• Naming Conventions of variables</li> <li>• QBASIC Modes</li> </ul> <p><b>Activity:</b></p> <p style="text-align: center;"><b>Demonstrating QBASIC IDE in Lab</b></p>
July	22	<p><b>PROGRAMMING WITH QBASIC</b></p> <ul style="list-style-type: none"> <li>• QBASIC commands for programming</li> <li>• QBASIC operators</li> <li>• Mathematical Calculations in QBASIC</li> </ul>
August	22	<p><b>PROGRAMMING WITH QBASIC CONTD....</b></p> <ul style="list-style-type: none"> <li>• Conditional Programming in QBASIC</li> <li>• Worksheet</li> </ul> <p><b>Activity:</b></p> <p style="text-align: center;"><b>Developing a QBASIC project on printing grades and division of a student on input of subject marks and total marks</b></p>



September	19	<b>Revision &amp; Practical Examinations Assessment</b>
October	18	<b>GRAPHICAL PROGRAMMING IN QBASIC</b> <b>Activity:</b> <b>Developing a QBASIC project to display a house shape</b>
November	16	<b>CONCEPT OF NETWORKING</b> <ul style="list-style-type: none"> <li>• Components of N/W</li> <li>• Types of N/W</li> </ul> <b>Activity:</b> <b>Demonstrating Topology implemented in Computer Lab</b>
December	20	<b>TYPES OF NETWORK</b> <ul style="list-style-type: none"> <li>• Types of Topologies</li> <li>• Networking Devices</li> </ul> <b>Activity:</b> <b>Demonstrating networking devices in computer lab</b>
January	17	<b>TYPES OF N/W COMMUNICATION</b> <ul style="list-style-type: none"> <li>• Wired N/W Medium for communication</li> <li>• Wireless Communication System</li> <li>• Internet, Intranet and Extranet</li> <li>• Worksheet</li> </ul> <b>Activity:</b> <b>Developing a N/W diagram for school network</b>
February	21	<b>Revision, Final Project, Practical Exams. Annual Examination</b>

### **Subject : Physical Education**

<b>Month</b>	<b>W. D.</b>	<b>Unit / Chapter</b>
April to June	21+05 +15	<u>Chapter-1: General fitness, Drill, Chess, Badminton, Kabaddi, Volleyball, Basketball &amp; Skatting :</u> <ol style="list-style-type: none"> <li>1. Students will be taught about warming up (general &amp; specific)</li> <li>2. Free hand exercises &amp; how to improve their motor skill abilities &amp; fitness and wellness.</li> <li>3. Students will be taught about basic &amp; advanced skill of above mentioned games.</li> <li>4. Selection will be done on the basis of their performance and command on the skill for inter house, Inter DPS &amp; CBSE cluster tournaments.</li> <li>5. Students will learn the rules and regulation of above mentioned games.</li> <li>6. Students will be involved in real game situations with using taught skills.</li> <li>7. Students will be learning about basis &amp; advanced skill of above mentioned games.</li> <li>8. Mass drill selection and learning of new exercises and different formations for mass drill.</li> <li>9. Students will be learning the importance of yoga and different asana.</li> <li>10. Videos on Smart Board and P.P.</li> </ol>
July to Sept.	22+22 +19	<u>Chapter-2 : Basketball, Volleyball, Football, Kabaddi, chess &amp; Yoga :</u> <ol style="list-style-type: none"> <li>1. Students will be taught about specific warm up of above mentioned games.</li> <li>2. Selection will be done on the basis of their performance and command on the skill for inter house, inter DPS &amp; cluster tournaments.</li> <li>3. Students will learn the rules and regulation of above mentioned games.</li> <li>4. Students will be involved in real game situations with using taught skills.</li> <li>5. Fitness test-jumping, running ,sit-ups ,shuttle run</li> <li>6. Students will learn about importance of yoga and will practice different asana.</li> <li>7. Students will learn how to improve their motor skills abilities.</li> </ol>

		8. Mass drill selection and learning of new exercises and different formations for mass drill.
		9. Videos on Smart Board and P.P.
Oct. to Nov.	18+16	Mid-Term Examination <u>Chapter-3 : Basketball, volleyball, football, cricket &amp; kho- kho</u> 1. Students will be learning about specific warming up of above mentioned games 2. Free hand exercise & how to improve their motor skill abilities & fitness. 3. Students will learn the rules and regulation of above mentioned games. 4. Students will use the learnt skills in real match situations. 5. Psychological aspects of physical education. 6. Students will learn how to improve their motor skills abilities. 7. Mass drill selection and learning of new exercises and different formations for mass drill. 8. Videos on Smart Board and P.P.
Dec. to Jan.	20+17	<u>Chapter-4 : Kho-Kho, Cricket, athletics &amp; yoga:</u> 1. Students will be learning about specific warming up of above mentioned games 2. Mass drill selection and learning of new exercises and different formations for mass drill. 3. Students will be learning about basic & advanced skill of above mentioned games. 4. Students will use the learnt skills in real match situations. 5. Sports day rehearsal. 6. Fitness test-jumping, running ,sit-ups ,shuttle run <b>Annual Examination</b>
Feb.	21	<u>Chapter-5</u> 1. Revision of the previous classes, match play

## **ART-EDUCATION**

### **Subject : INSTRUMENTAL MUSIC (Tabla Percussion)**

<b>Month</b>	<b>W.D.</b>	<b>Particulars</b>	<b>Project Activity/ Learning Outcome</b>
April	21	शास्त्र :- तबला परिचय, दस वर्ण, हस्त साधन के बोल, लेखन अभ्यास । क्रियात्मक :- दस वर्ण, हस्त साधन, बोल अभ्यास ।	तबला तथा अन्य वाद्य परिचय बोल वःदः अभ्यास ।
May+June	5+15	शास्त्र :- ताल, परिचय लेखन, लय परिचय लेखन परिभाषाएँ, क्रियात्मक :- लय अभ्यास । 16 मात्रा, 10 मात्रा, 8 मात्रा, 6 मात्रा ।	• क्षा में वर्ण, बोल लय वःदः अभ्यास । ÙØæ बोल ँि • æस अभ्यास ।
July	22	शास्त्र :- स्वर, प्रकार लेखन स्वर अभ्यास ।	• क्षा में स्वर के विःØ में ÕÏæÙæ ÌÍæ ©â • Ô अभ्यास के ÌæÙæ ÌÍæ »æØÙæ â¢»Ì â× æÙæ ।
August	22	शास्त्र :- तिहाई, तिहाई के प्रकार का लेखन ।	• क्षा में तिहाई अभ्यास ।
September	19	Theory- Western beats , writing practical of western beats	On all musical instruments Practice Student know about house play author instruments
October	18	शास्त्र :- कायदा, लेखन कार्य । क्रियात्मक :- कायदा अभ्यास ।	किसी विषय में कैसे अपने आपको व्यवस्थित कर तथा नियमपूर्वक कार्य संपादन

November	16	शास्त्र :- टुकड़ा, परन, लेखन कार्य। क्रियात्मक :- टुकड़ा, परन अभ्यास।	ताल के विभिन्न प्रकार के बोलो को समझना तथा उनके महत्व को समझना
December	20	शास्त्र :- नृत्य बोल लेखन कार्य। क्रियात्मक :- नृत्य बोल अभ्यास।	कक्षा में गायन के अलावा नृत्य में ताल का महत्व समझाना
January	17	क्रियात्मक :- एकल वादन एवं अभ्यास।	सभी छात्रों के समूह में वादन अभ्यास तथा समूह में रहना तथा उसके महत्व समझाना
February	21	क्रियात्मक :- नगमा के साथ अभ्यास।  Project : - समूह में बिडा तथा वाद्य के रख रखाव के महत्व को समझाते हुए बिडा बनाकर लाना  Assignment :- एकल वादन लेखन।	अभ्यास का महत्व समझाना

### **Subject : Vocal Music**

<b>Month</b>	<b>W.D.</b>	<b>Particulars</b>	
April	21	Revision of 5 Alankars in Bilawal Thaata Definition of Music, Kinds of Music Raag Durga – Introduction Integrated Values : Involving many carefully arranged part or details.	
May+ june	6+15	Revision of Raag Durga and Bhajan from Almanac / new one Project:- Presentation of Ganesh Vandana(self composed) group wise Integrated Values : Importance of Divine power in our life.	
July	22	Taal – Dadra, Keharwa – Dugan, and Revision with Hands bit. Swaron ke prakar Definition of shudh and vikrit swara. Raag Durga(Contd.) Discipline: Maintained rhythm in proper way	
August	23	Welcome song, AJ aap ka hai abhinandan (old and new one) Definition of Dhwani, naad, shruiti and saptak, song from Almanac. Importance: For those who come in our special day (vashudhaib Kutumb kam) Welcome Songs, any one / new one. Definition of Dhwani, Naad, Shruiti and Saptak. Integrated Values:The role of proper pronunciation in vocal music.	
September	19	Revision, <b>Half Yearly Examination</b>	
October	18	Revision of 5 Alankars in Kalyaan Thaata Raag – Bhupali Introduction and Bendish with 8 and 16 matra taan and sargam. Integrated Values: Knowing by doing	
November	16	Raag – Bhupali (Contd.) Ragon Ke Niyam Importance of following rules. Project about Indian classical legend Integrated Values: Importance of following rules and discipline	
December	20	Taal – Teen, Tilwada taal with Dugan Revision with Hand Bits. Raag Bhupali revision Integrated Values: Co-operation (Laya, Taal and song)	
January	17	Song from Almanac- Hamare khon main watan. Biography of Pandit Vishnu Narayan Bhartkhande Integrated Values: Patriotism	
February	22	Revision <b>Annual Examination</b>	

### **Subject : DANCE (Kathak)**

<b>Month</b>	<b>W.D.</b>	<b>Particulars</b>	<b>Learning outcome</b>
Apr	21	Theo: – Bhoomi Pranam, Guru Vandana, Introduction of Teen Taal	Pract. – Guru Vandana, Project: Guru/Teacher, you most admire
May+June	05+1 5	Theory: Tatkar, Salami, Thaata, Toda ,Aamad	Tatkar with Hasthak, Salami, Aamad in Teen Taal
July	22	Theo: Tukda, Paran	Pract: Toda , Tukda in Teen taal

August	22	Theo:– Definition-, Kavitta.(a poetic expression of kathak dance)	Pract. – Paran in Teen Taal
September	19	Theo: A short note on 'Ghungaroo'	Project: Any musical instrument
October	18	Theory – Introduction of 'Taal' ; Matra, Bibhag, Avartan Pract. – A Folk Dance of India	
November	16	Theory – Sam, Taal – Khali, Laya Pract. – Folk Dance Contd.	
December	20	Theory – Chakkar-dar Toda, Taal Parichay - Dadra Pract. – Chakkar-dar Toda in Teen Taal	
January	17	Theory – Chakkar-dar Toda, Taal Parichay - Kaharwa Pract. – Chakkar-dar Paran in Teen Taal	
February	21	Theory: Folk dances world Project: Folk Dances of world Prac: A French Dance	

**Annual Examination**

**Subject : KUCHI PUDI DANCE**

Month	W.D.	Particulars	Integrated Values
April	21	Kuchipudi 1 <sup>st</sup> half foot work 1 to 10 steps single hands ,gestures Pataka to shikhara and Introduction of Kuchipudi	Understand traditional methods of learning and performing Kuchipudi
May+June	05+1 5	First half foot work 10 to 20 single hands and double hand gestures Folk Dances of India	Making props and charts , Indian Classical
July	22	Double hands 1-10 Mudras second half foot work meaning and uses of Samyukta and Asamyukta	Dances, Introduction, Foreign counting all type of Western
August	22	1 – 4 Jathis, Vinaya ka Koutram, Pushpanjali, starting steps and Abhinayan	Dances, culture performances etc
September	19	Revision <b>Half Yearly Examination</b>	
October	18	Origin and development of Indian classical dance and slokhas	Projects about German Folk Dance
November	16	Bhedas, Pada, shira Greeva,Drishhti, Brukuti, along with all slokhas	Jazz, Ballroom Dance, Kabuki of Japan, CHA CHACHA, Kuchi pudi Salsa, Fandago, Bihu Dance.
December	20	<b>Four</b> Kinds of Abhubav 1. Aanshikam 2. Vachikam, 3. Aaharvam.	Ballet, Bharatnatyan, Tinikling, Kathak, Tango, Flamenco, Hip-Hop Ballet.
January	17	Basics concepts:-Writla Nritva, Natya, Adavu, Bhava, Tandava,, Laasya Teermanam and etc.	Garba, Waacling, Contemporary, India Classical Dance.
February	21	Revision and Annual Examination	Halay, Barong forms of Dance.

**Subject : ART & CRAFT**

Month	W.D.	Particulars	Learning Outcome
April	21	Elements of art Colour Shade chart	Fabric collage Ajanta Ellora

May + June	5+15	Colour Shade chart Tone (pencil shading) Human Anatomy and Composition in Tempra
July	22	Embroidery Collage with button, Thread and embroidery materials
August	22	Pre Historic Painting M-seal Craft
September	19	Theory – Raja Ravi Verma Sohari Painting
October	18	Theory – Rangoli Pract. – Rangoli Pattern on graph
November	16	Pract – Composition in water colour
December	20	Theory – Composition in water colour Graphic art Pract. – stencil Print
January	17	Theory – Craft of India Sola paper and starw craft (contd.)
February	21	Sola paper and starw craft Annual Examination

### **Subject: SCULPTURE**

<b>Month</b>	<b>W.D.</b>	<b>Particulars</b>
April	21	Terracotta Sculpture
May+June	05+1 5	Terracotta Sculpture Project: Mural coil work
July	22	Jewellery Items (Toy Making)
August	22	Jewellery item (Toy making)
September	19	Relief Miniature Tiles work
October	18	Mask (Slabing method)
November	16	Mask (Mould & Casting) Project: Miniature Terracotta
December	20	Decorative Tiles Mural (Coiling method)
January	17	Decorative Tiles Mural (Mould and casting method)
February	21	<b>Standing sculpture</b>

### **Subject : PHOTOGRAPHY**

<b>Month</b>	<b>W.D.</b>	<b>Particulars</b>	<b>Projects/Activities/Learning Outcome</b>
April	21	Introduction, History of photography, Practical	Photograph Analysis, out door photography
May+ June	5+15	Camera details Making of Photo album Camera's front portion parts, function, film and cameras	Album making Do it yourself
July	22	How to load a film in Camera, camera's function Practical	Information Co-operation
August	22	How to load a camera Clicking Pictures	Team work
September	19	Basic principles of photography Practical + Exam	Management
October	18	Terms of photography (Raw material)	

		Enlarge a photograph	Information
November	16	Camera's back portion, below portion and its parts & function, Practical	Perfection
December	20	Image formation How light react with L.S.M. Creative Photography Pract.	Knowing by doing
January	17	Various films, cameras and use of it Practical photography	Co-ordination
February	22	Tips on topic, competition Revision. Annual examination	Economy value

### **Subject : INSTRUMENTAL MUSIC (Spanish Guitar)**

<b>Month</b>	<b>W.D.</b>	<b>Particulars (Theory &amp; Practical)</b>
April	21	How to read music? On Staff Notes. Demonstration of SPANISH GUITAR, Exercise on three different Beat (Semibrave, Minim Crotchet) Integrated Values: Discipline.
May+june	05+15	* Melody on 1 <sup>st</sup> String * Melody on 2 <sup>nd</sup> String * Mix with three different Beats Integrated Values: Continuity  * Down the trail A small tune on 1 <sup>st</sup> & 2 <sup>nd</sup> String Both * Chords of 'C' play with 2/4 stramming pattern. Integrated Values: Collaboration: Working together to achieve a goal.
July	22	* A tune based on 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> string * Chords of C minor Integrated Values: Regularity
August	22	* Round up time Melody on 1 <sup>st</sup> and 3 <sup>rd</sup> string * Chords of D. Integrated Values: Time Management: To learn the importance of Managing time.
September	19	Revision Project: Demonstration of SPANISH GUITAR Assignment: C Major and C Minor chords <b>Half Yearly Examination</b>
October	18	* Down in the valley a time on waltz beat $\frac{3}{4}$ and know the timing of dots after note. Chords of D minor Integrated Values: Respect: To understand the importance of daily life.
November	16	* Melody on E B G D string * Chords of E Integrated Values: Maths When you teach rhythm and the beats it relates with maths.
December	20	*Tune based on E B G D A string *Chords of E minor Integrated Values: Maths The value of country in life.
January	17	*Melody in All six * Chords of F Integrated Values: Peace Learn to live together in peace
February	21	Revision Annual Examination

### **Subject : Swimming**

MONTH	No Of W.D.	UNIT /CHAPTER	DESCRIPTION
MARCH	23	SWIMMING	i) Preparation for swimming competetions.

		CAMP	
APRIL		CHAPTER -1	i) General & specific warming up on ground and in the swimming pool
to	21+5+15		ii) Checking of waterman ship.
JUNE			iii) Selection of swimming team of performance basis
			iv) Rules & regulations of swimming.
			v) Demonstration of four basic skills of swimming.
			vi) Preparation of swimming demonstration.
			vii) Videos and power point presentation.
JULY		CHAPTER-	i) Stroke correction.
to	22+22+19	2	
SEPT			ii) Swimming START, TURNING & GLIDING practice.
			iii) Types and kind of START practice.
			iv) Time trials.
			v) Competition in groups.
			vi) Videos and power point presentation.
OCT		CHAPTER -3	i) Medley relay & relay race practice.
&	18+16		ii) Sequence of stroke in relay & individual medley
NOV			iii) TURNING correction.
			iv) Time trials.
			v) Competition in groups.
			vi) Videos and power point presentation.

**Subject: Life Skill**

Month	WD	Unit/ Chapter	Values Imparted/ Activities
April	21	You Are Unique	Self respect, Dignity of individual, self confidence
		- Realizing hidden potential	Ice breaking session
		- Being open to experiences	
May +	5+ 15	Trust Comes From Honesty	Honesty, Purity in Public Life, Courage
June		- Feeling safe and secure	One Act play
		- Saying NO to dishonesty	Multi format debate
July	22	Work is Worship	Time management, concern for others, discipline, self help
		- Our work shapes our character	Real life pictures of the work that students do
		- It determines our achievements	which make them self- reliant and independent
Aug	22	Many Hands Make Light Work	Teamwork, Cooperation, Fellow feeling and respect for others
		- Teamwork helps to learn from each other	Poster making on important days
		- It builds friendship, trust and cooperation	
Sept	19	Half Yearly Exam	
Oct	18	Money Cannot Buy Everything	Concern for others, Friendship, Social Service, Simple living
		- Many of the things you cannot count, really count	Card making for friends
		- Being optimistic and cheerful towards life	Surprise handmade gifts

Nov	16	Leadership is a Skill - Inspiring and motivating others - Committed to the need of the people	Leadership, Initiative, Tolerance Creating group in the class and giving responsible tasks to perform so as to choose a leader PPT/ Chart preparation on great leaders
Dec	20	Sharing is Caring - Touching the lives of others - Feeling the joy of caring and sharing	Compassion, Helpfulness, Sense of social responsibility, Empathy Donating old books and clothes to the underprivileged ones
Jan	17	Earth is a Living Planet - Protecting and caring for the earth - Respecting the environment	Common cause, Humanism, Kindness, Universal love Starting a campaign in school to stop the use of plastic bags Making paper bags with newspaper
Feb	21	Annual Exam	

### **Subject : German (Language)**

#### **Text Book    Hallo Deutsch**

Month	W Days	Contents	Activities
April	21	. Deutsch Als Fremdsprache . Warum Man Soll Sprachen lernen? . Grüßungen, Wochentage , Monate, Jahreszeiten, Fächer, Farben , Zahlen , Artikel, Nominativ, Akkusativ , Personen	.Vergleichen mit andere
May	05	. Personen .Konjugationen	.Die Deutsche Landkarte
June	15	. Die Verben . Die Konjugationen der Verben. .Lektion Eins – Hallo (Lehrbuch +Arbeitsbuch)	.Aussprache und übungen
July	22	. Lektion Zwei – Das ist meine Familie(Lehrbuch +Arbeitsbuch)	Hören – Audio Cd's
August	22	. Lektion Drei – Hast du Geschwister(Lehrbuch+Arbeitsbuch)	. Aussprache und die Sätze
September	19	. Lektion vier – Wo Wohnt ihr? (Lehrbuch+Arbeitsbuch) .Wiederholen	
October	18	. Lektion fünf –Das Haus von Familie Weigel(Lehrbuch +Arbeitsbuch)	. Hören – Audio Cd's
November	16	. Lektion Sechs – Mautzi, Unsere Katze (Lehrbuch +Arbeitsbuch)	. Vorstellungen und die Häuser beschreiben
December	20	. Lektion Sieben – Ein Besuch ( Lehrbuch +Arbeitsbuch)	
January	17	. Lektion Acht – Die Nachbarn von Familie Weigel(Lehrbuch+Arbeitsbuch) .Lektion Sechs ( Arbeitsbuch)	.Die Landes Kunde
February	21	. Wiederholen	

### **Subject : General Knowledge**

**Prescribed text book: KNOW FOR SURE**



<b>Month</b>	<b>W.D</b>	<b>Chapter &amp; topics to be taught</b>	<b>Page No.</b>		
April	21	<u>The Natural World</u>			
		Fabulous fish	08		
		Knowing reptiles	22		
		<u>Science and Technology</u>			
		Keeping Time	20		
		Making life easier	27		
		Measure for measure	28		
May	05	<u>The Natural World</u>			
		Around the world	24		
		Water Plants	34		
		<u>Science and Technology</u>			
		Space quiz	43		
		The virtual world	44		
		June	15	<u>Things Around Me</u>	
Desert delights	10				
Nature's fury	12				
National parks	26				
<u>Numbers and Logical Skills</u>					
Riddle me numbers	29				
<u>Language and Literature</u>					
Poetry corner	16				
Writing poetry	17				
Proverb	18				
Similes	38				
July	22	<u>Arts and Music</u>			
		Sports in films	25		
		Fashionistas	41		
		<u>Sports</u>			
		Sporty Knowhow	15		
		Olympics 2016	35		
		Games galore	40		
		<u>The World Around Us</u>			
		World Tour	07		
		August	22	<u>The World Around Us</u>	
As we know them	14				
Dressing Sense	19				
Ladies who stand tall	23				
City hopping	32				
Records in India	36				
Governing systems	39				
<u>Mixed bag</u>					
<b>Be a trendsetter</b>	<b>42</b>				
September	19			Revision	
				Mid Term examination	
October	18	<u>The Natural World</u>			
		It's bitsy insects	48		
		Animal myths busted	56		
		Unique nature	62		
		<u>Science and Technology</u>			
		Gadgets and gizmos	60		
		Kaleidoscope	67		
		Phenomenal physics	72		
		Bio Knowhow	73		
		Earth Tremor	81		
November	16	<u>Things Around Me</u>			

		Ecology	78
		<u>Numbers and Logical Skills</u>	
		Brain Teasers	66
		Sudoku Challenge	82
		<u>Language and Literature</u>	
		Story time	46
		In fantasyland	65
		Voices around the world	74
		Book club	76
December	20	<u>Arts and Music</u>	
		Entertaining awards	47
		Jam session	54
		Creative crafts	58
		Animals in action	61
		Child actors	84
		<u>Sports</u>	
		Lawn Tennis	52
		Surya Namaskar	88
January	17	<u>The World Around Us</u>	
		Engineering marvels	50
		Close to nature	57
		Trip to the museum	68
		In ancient times	70
		Indian Nobel Prize Winners	79
		Western India	80
		We honour them	86
February	21	Revision	
		Annual Examination	

### Subject: French

Mois	Jours	Leçon	Activité[s]
AVRIL	21	Comment on parle français?	Les pronoms sujets , Les articles définis, Les articles indéfinis, Le monde de la francophonie
MAI	05	Comment on parle français?	Être,avoir,aller,faire
JUIN	15	La famille Chabod	Vocabulaire Les adjectives possessives -ER ending verbes
JUILLET	22	Dans mon jardin	*La famille *Les amis *La salle de classe *A l'école *Les activités quotidiennes *L'heure *Les repas
AOUT	22	La chambre d'Anne Chabod	*Les pays Francophones *Décrire un pays Francophone *Les monuments
SEPTEMBRE	19	Revision	
OCTOBRE	18	Dans un restaurant	*Les pays Francophones *Décrire un pays Francophone

			*Au restaurant *Au café
NOVEMBRE	16	Il fait beau	*Le temps et les Saisons *Le temps et les Saisons *La carte du monde Francophone
DECEMBRE	20	Le magasin de vêtements	*Les adjectifs *La mode *Les vêtements *Les fêtes religieuses/ civiles *Les fêtes (Noël/le Nouvel An/ Pâques) *Les fêtes nationales
JANVIER	17	Une famille incroyable	Présentez quelqu'un
FEVRIER	21	Revision	Présentez-vous

**Subject: Quiz**

Month	WD	Contents
April	21	Ancient India (History) Medieval India (History)
May	08	Books and Authors
June	15	Books and Authors Current Affairs
July	21	Sports (Mainly Olympics) Foot Ball
August	23	Legendary bands and songs Some trivia related to them Current affairs
September	19	Revision
October	18	Current Affairs First in India
November	16	Superlatives of India and worls
December	20	Historical pictures and some trivice related to them
January	17	Invention and inventors Current affairs
February	21	Revision

Electronics & Robotics-LEVEL-01			
Month	W.D	Contents	Activity/ Projects
April	21	<ul style="list-style-type: none"> <li>Introduction to Basic Electronics and Robotics</li> <li>Electronics, Electrical, Mechanical &amp; Information Technology Knowledge</li> <li>Electronics, Mechanical, Electrical etc. components and ingredients in Robotics</li> </ul>	<ul style="list-style-type: none"> <li>Connect electrical and electronics components with the help of breadboard</li> </ul>
May	05	<ul style="list-style-type: none"> <li>Multimeter: Uses of Multimeter to measure voltage, current and resistance.</li> </ul>	<ul style="list-style-type: none"> <li>Check the power supply voltage</li> <li>Find the resistances of a resistor</li> </ul>
June	15	<ul style="list-style-type: none"> <li>Basics electronic components:</li> </ul>	<ul style="list-style-type: none"> <li>Testing for Continuity</li> </ul>

		Resistors, Capacitors, Transistors, Diodes, LED etc • Breadboard: (Small & Large), Connections on breadboard.	• Developed circuit using breadboard, electrical and electronics components.
July	22	• Electric Switch: Push button switch, Slide switch, Toggle switch, DPDT switches etc.	• Developed Pick and Place Robot
August	22	• Motors: DC motor, Servomotor, Stepper motor etc.	• Design and build remote controlled, wireless robots (Robosoccer)
September	19	• Revision + Activity+ Project	
October	19	• Sensors: IR sensor, Ultrasonic sensor, Proximity sensor, Temperature sensor etc.	• Line Follower Robot that follows a line using infrared sensors • Edge avoider robot using IR sensor
November	17	• Wireless applications: Infra Red, Radio frequency, Bluetooth etc. • Arduino: An Introduction, Structure of an Arduino Sketch • Arduino Architecture - Pin Diagram	• Obstacle Avoider Robot using IR sensor • Bluetooth Robotics and control it using Android Phone
December	16	• Microcontroller and its programming language. • Internet of Things: Introduction & Applications	• Build a Bluetooth Based Home Automation System Project that can be controlled by Android Phone
January	16	• DHT sensors to detect humidity and temperature, Soil moisture sensor, LDR sensor, Water flow meter, PIR sensor	• Developed IoT based project
February	18	• Revision + Activity+ Project	

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