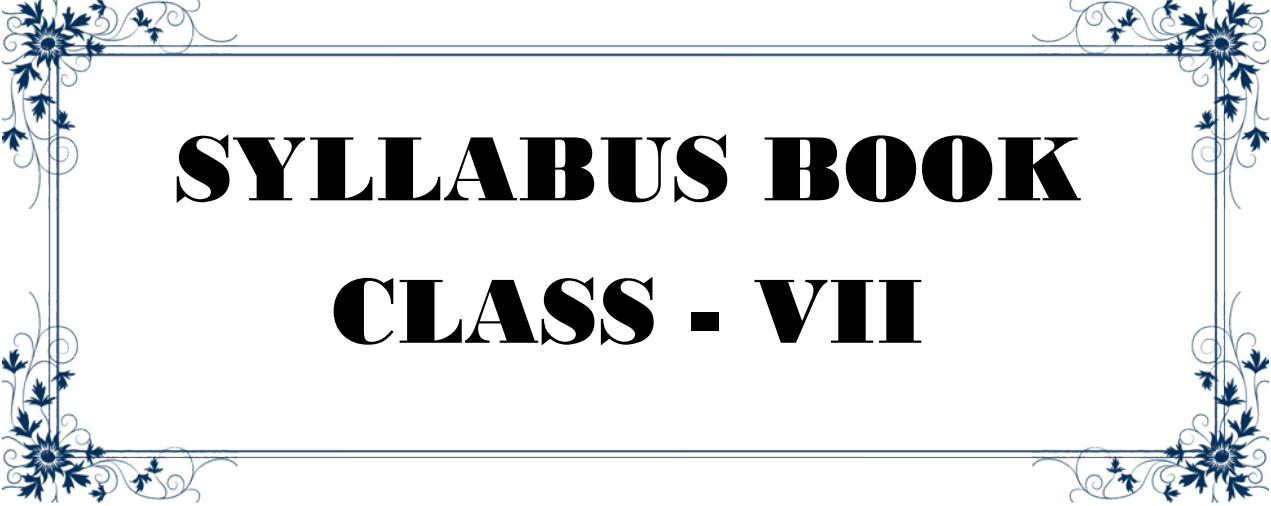




DELHI PUBLIC SCHOOL BALLABGARH

(under the aegis of DPS society, New Delhi)

A decorative border with blue floral and scrollwork patterns framing the central text.

SYLLABUS BOOK
CLASS - VII

विषय - हिन्दी

माह	पाठ का नाम	क्रियात्मक गतिविधि
अप्रैल	<p>पराग पाठ - 1 मैं सुमन हूँ, पाठ - 2 नन्हें बने महान व्याकरण पाठ - 1 भाषा विचार, हिन्दी भाषा और व्याकरण पाठ - 2 वर्ण - विचार व उच्चारण पाठ - 5 पर्यायवाची (1 - 26) अनौपचारिक पत्र व अनुच्छेद कहानी संचय पाठ - 1 जिद्दी लड़की, पाठ - 2 धोखेबाज मित्र औपचारिक पत्र लेखन</p>	मैं सुमन हूँ कविता पर ए - 4 आकार की शीट पर लिखिए।
मई	<p>पराग पाठ - 3 हम सबका रखवाला, पाठ - 4 मैं भगवान नहीं हूँ व्याकरण पाठ - 4 शब्द विचार, पाठ - 5 संज्ञा पाठ - 15 लिंग (1 - 7) पाठ - 16 विलोम (1 - 56) कहानी संचय पाठ - 3 बुआ की बात</p>	सचिन तेन्दुलकर का चित्र चिपकाकर पाँच पंक्तियाँ ए-4 आकार की शीट पर लिखें।
जून	ग्रीष्मावकाश	
जुलाई	<p>पराग पाठ - 6 धरती का आँगन, पाठ - 7 होमवर्क का पहाड़ पाठ - 8 माँ का साहस व्याकरण पाठ - 16 वचन (1, 2, 3) पाठ - 17 कारक पाठ - 29 मुहावरे (1- 26), लोकोक्तियाँ (1 - 15) पाठ - 8 अनेक शब्दों के लिए एक शब्द (1 - 25) अनुच्छेद लेखन कहानी संचय पाठ - 4 परिश्रम का वरदान पाठ - 5 धनवर्षा</p>	संज्ञा के भेदों को चित्र सहित ए - 4 आकार की शीट पर चिपकाइए।
अगस्त	<p>पराग पाठ - 9 पिता का न्याय</p>	भारत के प्रमुख पर्वतों के नाम तथा चित्र ए - 4 आकार की

	व्याकरण पाठ - 9 अनेकार्थी शब्द (1 - 19) पाठ - 7 समरूपी भिन्नार्थक शब्द (1 - 20) पाठ - 28 विराम चिह्न, पाठ - 18 सर्वनाम अनौपचारिक पत्र कहानी संचय पाठ - 6 नमक का दहेज	शीट पर चिपकाइए।
सितम्बर	पाठ्यक्रम पुनरावृत्ति	
अक्टूबर	पराग पाठ - 11 प्रताप, पाठ - 12 पारसमणि व्याकरण पाठ - 19 विशेषण, पाठ - 20 क्रिया पाठ - 22 क्रिया विशेषण, पाठ - 15 लिंग (8 - 14), पाठ - 16 वचन (4, 5, 6, 7) पाठ - 18 अनेकार्थक शब्द (20 - 38) कहानी संचय पाठ - 7 बिल्ली का बवंडर पाठ - 8 फूलनगर के बौने	विशेषण के भेदों को चित्रों सहित ए - 4 आकार शीट पर चिपकाइए।
नवम्बर	पराग पाठ - 14 प्लास्टिक प्रदूषण पाठ - 16 नमक की मिठास व्याकरण पाठ - 23 संबंधबोधक, पाठ - 24 समुच्चयबोधक पाठ - 25 विस्मादिबोधक अनेक शब्दों के लिए एक शब्द (26 - 50) औपचारिक पत्र कहानी संचय पाठ - 9 मोती पाठ - 10 बलिदान	प्रदूषण के चारों प्रकारों का चित्र सहित व्याख्या ए - 4 आकार की शीट पर कीजिए।
दिसम्बर	पराग पाठ - 17 पेड़ पाठ - 18 बीरबल की हाज़िरजवाबी व्याकरण पाठ - 6 विलोम (57 - 111) पाठ - 26 वाक्य, पाठ - 16 वचन, पाठ - 11 उपसर्ग पाठ - 12 प्रत्यय पर्यायवाची शब्द (27 - 52) अनुच्छेद लेखन कहानी संचय पाठ - 11 अतिथि का चमत्कार	वृक्षारोपण विषय पर दस पंक्तियाँ ए - 4 आकार की शीट पर लिखिए।
जनवरी	पराग	ऐ मेरे प्यारे वतन कविता ए - 4

	<p>पाठ - 20 ऐ मेरे प्यारे वतन</p> <p>व्याकरण</p> <p>पाठ - 29 मुहावरे (29 - 57), लोकोक्तियाँ (16-30)</p> <p>पाठ - 27 अशुद्ध वाक्यों का शोधन</p> <p>पाठ - 7 श्रुतिसम भिन्नार्थक शब्द</p> <p>पाठ - 19 समरूपी भिन्नार्थक शब्द (33 - 60)</p> <p>औपचारिक पत्र</p> <p>कहानी संचय</p> <p>पाठ - 12 मान न मान मैं तेरा मेहमान</p>	आकार की शीट पर लिखिए।
फरवरी	पाठ्यक्रम पुनरावृत्ति	

Subject - English

Month/ Book	Lesson Name	Activity
APRIL Literature MCB Grammar Writing	L - 1 Trash Masher, Poem - No Men Are Foreign Unit - 1 What sets you Apart Unit – 1 Sentences, Unit-2 Noun Paragraph Writing, Notice Writing	Role Play (Your Favourite Leader)
MAY Literature MCB Grammar Writing Skills Reading Skills	L - 3 The Mid Night Visitor Unit - 2 Man or the Beast Unit – 3 Articles Letter Writing (Informal), Article Writing Comprehension Passage	Poster Making
JUNE	SUMMER BREAK	
JULY Literature MCB Grammar Writing Fifteen Short Stories Reading Skills	L - 5 A Rabbit Decided to Live Poem -A Ballad of Sir Pertab Singh Unit - 3 Cracking Puzzles Unit – 4 Pronoun, Unit-5 Verb Letter Writing (Formal) (To the Principal), Factual Description Story 1 – 4 Comprehension Passage	Make an Itinerary
AUGUST Literature Grammar Writing Fifteen Short Stories Reading Skills	L -7 David Meets his Aunt. Poem - Mother Unit 6 Adjectives, Integrated Grammar E-mail, Letter to the Editor Story 5 – 8 Comprehension Passage	Slogan Writing on Patriotism
SEPTEMBER	Revision SA - 1 Syllabus	
OCTOBER Literature MCB Grammar Writing Skills Reading Skills Fifteen Short Stories Reading Skills	L - 8 Kanhaiya (Krishna) L - 9 The Cub Unit - 4 Kinds and Kinds of School Unit 7-Tenses Speech Writing Comprehension Practice Story 9 – 12 Comprehension Passage	Group Discussion on a given Topic
NOVEMBER Literature MCB Grammar Writing Skills Fifteen Short Stories Reading Skills	Poem - The Solitary Reaper L - 11 The Sound of Music Unit - 5 Mother, Father and I Unit – 8 Voice, Unit 9-Speech Debate Story 9 – 12 Comprehension Passage	Extempore
DECEMBER Literature Grammar Fifteen Short Stories Reading Skills	Poem - Domestic Asides L - 13 The Pedestrian Unit – 10 Adverbs, Unit-11 Prepositions, Integrated Grammar Story 13 – 15 Comprehension Passage	Poem Recitation
JANUARY Literature Grammar Writing Skills Reading Skills	L - 14 The First Patient Unit 12 Conjunctions, Unit 13 Vocabulary, Integrated Grammar Report Writing Comprehension Passage	Dialogue Writing
FEBRUARY	Revision of Full Syllabus	

Subject - Science

Month / Book	Lesson Name	Activity
APRIL	Lesson-1 Nutrition in Plants Lesson-2 Nutrition in Animals	To prepare a " Bread Mould"
MAY	Lesson-3 Fibre to Fabric	Paste different types of "Fabrics" and write their uses.
JUNE	SUMMER BREAK	
JULY	Lesson-4 Heat Lesson-6 Physical and Chemical Changes Lesson-7 Weather, Climate and Adaptation of Animals to Climate.	To show convection currents during heating of water.
AUGUST	Lesson-9 Soil Lesson-10 Respiration in Organisms Lesson-14 Electric Current and its effects.	To make an electromagnet.
SEPTEMBER	Revision SA - 1 Syllabus	
OCTOBER	Lesson-5 Acids, Bases and Salts Lesson-12 Reproduction in Plants	Litmus test for Bases and Acids.
NOVEMBER	Lesson-8 Wind, Storms and Cyclones Lesson-13 Motion and Time Lesson-18 Wastewater Story	Making an "Anemometer"
DECEMBER	Lesson-11 Transport in Plants and Animals Lesson-15 Light Lesson-16 Water- A Natural Resource Lesson-17 Our Forests	To make a poster on the topic:- "Save Forest"
JANUARY	Revision of full syllabus	
FEBRUARY	Revision of full syllabus	

Subject – S. Science

Month / Book	Lesson Name	Activity
APRIL History Geo Civics	L-1 The Medieval World L-1 Our Environment L-1 Democracy	Poster related to our Environment (Topic – Swachh Bharat Abhyan)
MAY History Geo Civics	L-2 The Regional Kingdom-1 L-2 Inside Our Earth L-2 Pillars of Democracy	Collect and paste the election symbols of National parties of India.
JUNE	SUMMER BREAK	
JULY History Geo Civics	L-3 The Sultanate Period L-5 The Great Mughals L-3 The Changing Earth L-5 Composition and structure of the Atmosphere L-3 Democracy in action	Map Activity (Know your state- Haryana)
AUGUST Geo Civics	L-6 Weather and Climate L- 4 State Government L-5 Media and Democracy	Analysing the weather report.
SEPTEMBER	Revision SA - 1 Syllabus	
OCTOBER History Geo	L-7 Towns , Traders and Craftpersons L-8 Tribal Communities L-7 Water L-8 Natural Vegetation and Wildlife	A Flow chart on how goods travels from producers to customers.
NOVEMBER History Geo Civics	L-9 Religious Beliefs L-9 Human Environment L-6 Advertising L-7 Markets around us	Paste pictures of 3 extinct and 3 endangered animals on A-4 size sheet.
DECEMBER Geo History	L-10 Life in Tropical and subtropical Regions L-11 Life in temperate grasslands L-11 Political Formations in 18 th Century	Classifying Commercial advertising and social advertising using advertisements in newspapers. .
JANUARY Geo Civics	L-12 Life in Deserts L-8 Role of Gender L-9 India and Democracy	Prepare a Report on How Women are breaking Gender Stereotype these days.
FEBRUARY	Revision SA - 2 Syllabus	

Subject – Maths

Month / Book	Lesson Name	Activity
APRIL	CH-1 Integers CH-2 Fractions	Represent integers on number line
MAY	CH-3 Decimals CH – 4 Rational Numbers	Multiplication of whole no. and decimal no
JUNE	SUMMER BREAK	
JULY	CH-8 Ratio & Proportion CH-9 Percentage & Its application CH – 10 Lines & Angles	Verify opposite angles are equal
AUGUST	CH-15 Data Handling CH-17 Symmetry	Draw 3-D geometrical shapes and show types of symmetry
SEPTEMBER	Revision SA - 1 Syllabus	
OCTOBER	CH-5 Exponent & Power CH-6 Algebraic Expression	Show sum of angles of triangle is 180
NOVEMBER	CH-7 Linear Equation in one variable CH-11 The triangle and its Properties	Verify sum of length of two sides greater than third side of triangle
DECEMBER	CH-12 Practical Geometry CH-13 Congruence of Triangles	Establish formula for area of a circle
JANUARY	CH-14 Perimetre and Area CH-16 Chance and Probability CH – 18 Visualising solid Shapes	Develop Concept of probability
FEBRUARY	Revision SA – 2 Syllabus	

Subject - French

Month / Book	Lesson Name	Activity
APRIL	Leçon 0 – un coup d’oeil sur la France. Leçon 1 – Voilà le frère et la soeur de manuel.	Make a table of nationalities on A4 size sheet in French.
MAY	Leçon 2 – À la Cafétéria.	Paste or draw the pictures of body parts and name them in French on A4 size sheet.
JUNE	SUMMER BREAK	
JULY	Leçon 3 – Mon pays : La france.	Write the conjugation of verbs “avoir” and “etre” on A4 size sheet.
AUGUST	Leçon 4 – Les parents de manuel. Leçon 5 – C’est Noël.	Write the conjugation of verbs “er” on A4 size sheet. (any 5)
SEPTEMBER	Revision for SA-1	
OCTOBER	Leçon 6 – Allons à l’école. Leçon 7 – Dans un grand magasin.	Paste the pictures of French professions and name them on A4 size sheet.
NOVEMBER	Leçon 8 – Les repas.	Paste the pictures of Seasons and name them on A4 size sheet.
DECEMBER	Leçon 9 – Ma maison. Leçon 10 – Une letter de Rouen.	Paste the pictures of your Family and write few lines on them in French on A4 size sheet.
JANUARY	Revision	
FEBRUARY	Revision for SA-2	

Subject - Sanskrit

Month	Topic	Acitivity
April	मणिका – जलसंरक्षणम् व्याकरण – उच्चारणस्थानानि, संख्या, समय	जलसंरक्षणम् इति विषये पञ्च संस्कृतवाक्यानां लेखनम्
May	मणिका – विद्यालयस्य खेलदिवसः, चलचित्रदर्शनम्, विद्यालयमेव व्याकरण- शब्दरूप, अशुद्धिशोधनम्	वाक्यनिर्माणम्
July	मणिका – सर्वे सन्तु निरामयाः , मम दिनचर्या, सिक्किमप्रदेशः व्याकरण – समयलेखनम् , चित्रवर्णनम्	स्वास्थ्यरक्षायै सावधानीनां वाक्येषु लेखनम्
August	मणिका – इयं वाटिका मे, अकबरबिरबलयोः कथा, परिश्रमेण सर्वं सिध्यति व्याकरण – पर्यायाः एवम् विपर्ययाः, गद्यांशाः	पठितचित्रकथाम् आधृत्य चार्टनिर्माणं कृत्वा वर्णः च भूषयित्वा कक्षायाः सज्जिकरणम्
September	मणिका – कुशलः चित्रकारः , कियन्ननु सर्वम्? व्याकरण- कारकाः उपपदविभक्ति, वार्तालापः	चार्टनिर्माणं
October	मणिका – चौकलेटचौरः, वसुधैव कुटुम्बकम् व्याकरण – गद्यांशाः, प्रत्ययाः	संस्कृतेन पञ्च वाक्यलेखनम्
November	मणिका – सुभाषितानि, त्रयः प्रश्नाः व्याकरण – सन्धिः	पाठात् अव्ययानां चयनं तालिकानिर्माणं
December	सम्पूर्ण पाठ्यक्रम पुनरावृत्ति	-
January	सम्पूर्ण पाठ्यक्रम पुनरावृत्ति	-

Subject - Computer

Month / Book	Lesson Name	Activity
APRIL	Lesson – 1 How Computer Works Lesson – 2 More on Operating Systems	Knowing about the logos of the different operating system for personal computers.
MAY	Lesson – 3 Knowing Mail Merge	Create a Mail Merge in MS-Word
JUNE	SUMMER BREAK	
JULY	Lesson – 4 More on MS Excel	Create a Mark sheet in MS Excel given on Pg-51 in book.
AUGUST	Lesson – 5 Data Analysis with MS-Excel	Create a Excel sheet to calculate salary of the employees given on Pg-66 in book.
SEPTEMBER	Revision for SA-1	
OCTOBER	Lesson – 6 Introduction to HTML Lesson – 7 HTML Text Formatting	Create a simple web page given on Pg-79 in book.
NOVEMBER	Lesson – 8 Animations with Adobe Flash	Create a circular motion to the butterfly in Adobe Flash.
DECEMBER	Lesson – 9 Introduction to Adobe Photoshop	Using Brush types and Gradients fills create the background and add any image in Adobe Photoshop.
JANUARY	Lesson – 10 Knowing Computer Viruses	To do how to scan a folder on hard disk/Pen drive.
FEBRUARY	Revision for SA-2	

Subject – Life Skill

Month / Book	Lesson Name	Activity
APRIL	Lesson-1 Jaya's Feat	Collect the information about the people mentioned in the text book.
MAY	Lesson- 2 Fairness over Friendship	Speech activity on Friendship.
JUNE	SUMMER BREAK	
JULY	Lesson-3 The Interview	Write about some of the great personalities of India.
AUGUST	Lesson- 4 The Right Choice	Recite a poem on HONESTY
SEPTEMBER	Revision – SA 1	
OCTOBER	Lesson- 5 You are the best as You are	Write a paragraph on 'I am proud on me'.
NOVEMBER	Lesson- 6 Dear Diary	Speech activity on handling pressure.
DECEMBER	Lesson- 7 Magnanimous Masa Lesson- 8 Little Acts of Service	Write few lines about your experience when you have forgiven someone.
JANUARY	Revision full syllabus	
FEBRUARY	Revision full syllabus	

Subject – G. K.

Month / Book	Lesson Name	Activity
APRIL - MAY	Friendly bark(7),The space World (10), IT Trivia(10),Green Canopy (11),Sky Scrappers(12)	Quiz
JUNE	SUMMER BREAK	
JULY	Eco-Issues(14), Lost and Found(15), Branch of Study (16),Majestic Forts (17),In the Rainforest(18), Sports to watch(20), Exotic Platter (21),They Said it! (22),Leading the World(23), The United Nations (24), Life in stone(26)	Group Discussion
AUGUST	Everyday Science(27),Smart Animals(29), In dry land(30),World relations(32), Tiny tots(33),Classic Poems(34), From foreign land(35),Mangalyaan(36),Trending topics(38), My reflection(39),Unusual plants and trees(40)	Puzzles
SEPTEMBER	Revision – SA 1	
OCTOBER	Indian Reformers (42), Connecting Us (43) ,worst disasters(46),Indian tribes(47)Flourishing civilizations(48),Colours across cultures(50), upcoming sports stars(51)	Vocal Building Game
NOVEMBER	Brain grind(55), Words from India(56),Acronyms(59),Union Territories(60),In the West(61),Natural wonders(62),Follow the pattern(64)	Quiz
DECEMBER	World Parliament(65),fight to Freedom(68),Family coat of arms(69),Indian stars at the Olympics(70),Brand stand(72), Wild hunt(73),High on heritage(74),	Cross Word
JANUARY	The twenty20 game(76),Magic of hands(78),Global Indians(80),Iconic Movies(81),Indian Railways(82),Indian Honour(84),Classic tunes(86),Anagram Hunt(90)	Quiz
FEBRUARY	Revision – SA 2	

Subject – Phy. & Health Edu.

Month / Book	Lesson Name	Activity
APRIL - MAY	100 m Chess / Carrom / Indoor-activity	Aim : To improve speed of students to improve concentration of mind.
JUNE	SUMMER BREAK	
JULY	Cricket/ Table Tennis	Aim: To improve speed of students. To improve coordination and concentration.
AUGUST	Long Jump / Chess,Shot-Put	Aim: To increase the strength of legs. To improve sharpness of mind. To increase Balance of Body.
SEPTEMBER	SA – I	
OCTOBER	Kho - Kho / Shuttle Race - 4 x 10 m	Aim: To increase the speed and team work. To develop speed. To improve flexibility and mind stability.
NOVEMBER	Basket Ball / Broad Jump	Aim: To increase the Body and Mind. To improvement of Leg Muscles. To improve Flexibility and min stability.
DECEMBER	Volleyball / 4 x 100 m Relay	Aim: To improve endurance , strength & speed. To improve sharpness of mind. To improve speed.
JANUARY - FEBRUARY	Both hand throw with Basket Ball / Volleyball, Physical education Pratical	Aim: To improvement of muscles power. To improve concentration of mind.

Subject - Dance

Month / Book	Lesson Name	Activity
APRIL Indian Dance	Tatkar in Teentaal Padant of Teentaal Hustak 1, 2, 3	Baisakhi Dance
MAY Indian Dance	Semi Classical Step with Music Tatkaar in Teentaal Ekun, Dugun & Chugun Hustak 4, 5, 6	
JUNE	SUMMER BREAK	
JULY Indian Dance	Revision of All Hustak Hustak No. 1 to 6 Toda 1, Toda 2 in Teentaal Independence Day Dance Preparation	Make your own steps
AUGUST Indian Dance	Hustak 7, 8 Creative DANCE Steps with song Padant of Toda No 1, Toda No. 2 One Dance (Independence Day)	Independence Day Celebration
SEPTEMBER Indian Dance	Chakkardar Toda in Teentaal Diffrentation between classical and folk dance (Theory) Introduction of Hust Mudras (Theory) Introducing Jazz	Solo Hustak 1 to 6 Kathak Dance
OCTOBER Indian Dance	Hustak- 9 Chakkardar, Toda in Teentaal, Padant of Chakkardar Toda, Dandiya Performance Jazz	Dussehra Celebration
NOVEMBER Indian Dance	Hastak-10 Toda 1 & 2 in Teentaal Diwali Dance Preparation Jazz	Diwali Celebration
DECEMBER Indian Dance	Toda 4 in Teentaal Revision of all Hustak Christmas celebration	Christmas Celebration
JANUARY Indian Dance	Practice of all hustak and Todas Variation in Footwork in Teentaal Republic Day Celebration Preparation	Republic Day Celebration
FEBRUARY	Annual Day Preparation	

Subject - Music

Month / Book	Lesson Name	Activity
APRIL – MAY Vocal Instrumental	Swar Parichay (Sa, Re, Ga, Ma, Pa, Dha, Ni, Sa) sing and tap sargam Song - "I have got the joy" Song - "Teri hai zameen tera aasmaan" Time signature 4/4 Beat Introduction clap and play with temborine and bongo.	Performing solo song and group songs on theme "faith" And playing solo bongo and temobrine
JUNE	SUMMER BREAK	
JULY Vocal Instrumental	Swar Parichay (Aaroh and Avroh of Sargam) Singing sargam with beat. Song - "Keep me in the holy of" Song - "Tere hai hume tere" 4/4 Beat practices with bongo and temborine on metronome tempo - 100	Group song performance "do a deer a female deer"
AUGUST Vocal Instrumental	Sargam Practices (Sa Sa, Re Re....) Patriotic Songs- "We love India" National anthem learning environmental song hindi" Bongo playing solo and in group with temborine, Guitar - C Major Scale, Dmajor Scale and Basic strumming patterns	Independence day celebration
SEPTEMBER Vocal Instrumental	Sargam-2 Raag in teentaal. Eng Song "Oh be careful little eyes" Hindi Song "Savera ho gaya dekho" Key board Song playing Vande Matram, National Anthem and Finger Practices.	Solo bong playing
OCTOBER Vocal Instrumental	Sargam – 3 Raag in teentaal Contd... Eng Song "My life is in you lord" Hindi Song "Tu hi mata" Finger movement on keyboard - Hindustani Style	Dussehra Celebration
NOVEMBER Vocal Instrumental	Sargam-4 Eng Song "The love is lord is my strength" Hindi Song "Itni Shakti Humein Dena" and Deepawali Songs Introduction of congo and guitar	Dance performance for Diwali Celebration
DECEMBER Vocal Instrumental	Sargam-5 Christmas carols "Have a holly jolly Christmas" "Every body likes" "Joy to the world" Sargam Practice "Sa Re Ga Ma Pa" Alankaar practice on keyboard and national anthem and school anthem.	Christmas Celebration

JANUARY Vocal Instrumental	Patriotic Song "Bharat Humko Jaan Se Pyara" Band Preparation	Sing with Guitar
FEBRUARY Vocal Instrumental	Song "Tu hai aasman" Song "My lord is my strength" Band practice with Temborine, Keyboard, congo and bongo	Annual Day Preparation

Subject – Robotics

Month / Book	Lesson Name	Activity
APRIL	Brief Introduction of Robotics: Definition, History, Laws of Robotics, Advantages and disadvantages , Applications and Practical Examples	
May	A Introduction of parts: Metallic Parts: square plate, big and small rectangular plate, long and short axle, long and short L clip, long and short U clip, flexible strip, Electrical and Electronic Parts: Motor, intro brain, lite brain, full brain, burner, connecting cable, Fixing parts: Nuts and bolts, three hole connector, Axle lock, filler.	
JUNE	SUMMER BREAK	
JULY	Three wheel base, four wheel base, advantage of three wheel base over four wheel base, Motorized robot, Geared Push Box, Activity of Motorized robot	Activity of Geared Push Box Robot
AUGUST	Basic idea of Motion, Rotational and Translational Motion, Periodic/Oscillatory Motion, Mini Roby	Activity of Mini Roby
SEPTEMBER	Basic idea of Force, Torque, Basic difference between Force and Torque, Spur gear system, Crane Robot	activity of Crane robot
OCTOBER	Basic idea of Momentum, centre of gravity, claw robot, soccer robot, Activity of claw robot	Activity of soccer robot.
NOVEMBER	Brief Introduction of Breadboard, Breadboard Components: Resistance, capacitance, inductance, voltage regulator, transistor, diode, Designing of circuits on breadboard, testing of design	Activity of Designed circuits
DECEMBER	Basic Introduction of Flowchart, Algorithm, Robo Grammar Software, Burner Uses, Programming using Software, Examples	
JANUARY	Full brain Description: Programmable IC, Motor connecting ports, Sensor connecting ports, Burner port, Remote control Port, Motor Driving IC's, Forward and Backward walker Programmable Robot, Square walker	Activity of Square walker Programmable robot.
FEBRUARY	Autonomous robotic car, Activity of Autonomous robotic car, Obstacle Avider programmable robot	Activity of Obstacle Avider programmable robot. Final Activity