CMDAV SR SEC PB SCHOOL, M DABWALI

CLASS V SYLLABUS

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| ENGLISH | | | | |
| MONTH | LITERATURE | GRAMMER | WRITING | ACTIVITIES |
| APRIL | Unit -1 Growing up  L-1 Monday Morning  Blues | Countable,  Uncountable  Nouns  Abstract Noun | Formal Letter | ● Paste your photograph in  the notebook and write  what you like/dislike  about school life.  ● Paste pictures of  countable and  uncountable Nouns and  make a collage.  ) |
| MAY | L-2 The Tale of a Tail | Articles | NOTICE WRITING | ● Acts of Kindness booklet:  Paste and describe your  acts of kindness.  ● Reading activity (Swami  and his friends |
| JULY | Unit-2 Books  L-3 Wish I  Were.....(poem)  L-4 Adventures with  Books (poem)  L-5 The Boy who  Borrowed | Apostrophe,  Adjectives | Notice Writing | ● Make an attractive book  mark using old cards,  rakhis, golden and  decorative threads etc.  ● Prepare a thankyou card  for your friend from  whom you have  borrowed something. |
| AUGUST | Unit -3 Where there is  Will..............  L-Just Be Up And Doing  (Poem)  L-7 Limits of the Mind | Prepositions,  Punctuation,  Conditionals |  | Character analysis of  Ekalavya  ● Debate  ● (Topics : equality,  discrimination, gender) |
| SEPTEMBER |  |  |  |  |
| OCTOBER | L-8 The Fearless Fighter  Unit -4 ‘E-Generation’  L-9 Five Chums and the  Hacker | Reflexive Pronouns  Types of sentences | Diary Entry | Collect information about  any of the persons who  achieved great success in  life in spite of his/her  shortcomings.  (a) Sudha Chandran  (b) Helen Keller  (c) Stephen Hawking  (d) Mozart  Make logos of different  social media applications.  ● session on cyber bullying |
| NOVEMBER | L-10 I’ve got an Email  (poem)  Unit -5 Go Green  L-12 Plant a seed  (Poem) | Verbs, Adverbs, | Advertisement  writing | Write an advertisement  for a toothpaste or a cold  cream of your choice.  ● Form a club of 6-8  students who would look  after the cleanliness of  the class and the  corridor. |
| DECEMBER | L-13 The Green Act |  | Email writing | ● As the class prefect  writes about the Do’s  and Don’ts for keeping  the classroom clean.  ● Plantation of small  saplings in the school to  save the environment. |
| JANUARY | L-11 It’s Getting  Hotter(Unseen  Passage) | Modals |  |  |
| FEBRUARY |  |  |  |  |
| MARCH |  |  |  |  |

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| MATHEMATICS | | | |
| MONTH | TOPIC | SUB TOPIC | ACTIVITY |
| APRIL | CH-1 Numbers upto  99,99,999  CH-2 Operations on larger  numbers | Indian Place value system  and international place  value system  Addition, subtraction ,  multiplication on large  numbers | Make the Indian and  international place value chart  on A4 size sheet.  Framing of word problems for  addition and subtraction. |
| MAY | Ch-3 Multiples and  factors | Multiples, factors, HCF,  LCM, prime and composite  numbers, prime  factorization. | HCF and LCM by Venn  diagram.  ● Make a 2D model of the  tree for making the  factor tree of 72.  ● Mark even numbers,  odd numbers, prime  numbers, and  composite numbers on  a grid of 1 to 100. |
| JULY | CH-4 Fractional Number  Ch-5 Decimals | Types of fraction  Simplest form  Ordering of fraction  Addition,  Subtraction,  Multiplication,  Division of fraction.  Concept of decimals,  tenths, hundredths and  thousandths, conversion of  decimal into fraction,  expanded form of  decimals, like and unlike  decimals. | ● Draw three circles of  the same size and  shade the different  fractions.  ● Comparison of fractions  using the paper strips.  ● Activity of equivalent  fractions with the help  of placards.  ● Prepare the foldable  types of fraction.  ● Draw the place value  chart of decimals.  ● Represent the different  decimals on the grid. |
| AUGUST | CH-6 Addition and  subtraction of decimal.  CH-17 Data handling  CH-14 Bills  (Activity based) | Addition of decimals.  Properties of addition of  decimal. Subtraction of  decimals numbers.  Properties of subtraction of  decimal.  Reading table, tally mark,  pictograph  Bill, Uses of Bill  Preparing a bill | Crossword puzzle on addition  and subtraction  Collect the data of the favorite  chocolate of your classmates  and represent it in a form of  tally marks and pictures.  Paste any 3 kinds of bills you  receive at your home and  observe the difference in  entries.  Make your own shop bill. |
| SEPTEMBER |  |  |  |
| OCTOBER | CH-7 Multiplication and  division of Decimals.  CH-10 Averages | Multiplication of Decimal  numbers by Ten, Hundred,  Thousand, And whole  number.  Division of decimal  numbers by 10,100,1000, Decimal number,  Whole number,  Conversion of fraction into  decimal number.  Average  Word Problem | Framing of word problems.  Quiz on division of decimals by  different methods(Ek Bharat shreshtha Bharat)  Write the maximum and  minimum temperature of 7  days and find the average.  (Given state) |
| NOVEMBER | CH-11 Profit and loss  Ch-12 Percentage  CH-13 Simple Interest | Profit and loss  Determining selling price.  Determine cost price.  Conversion of percentage  into fraction, Decimal and  Vice versa.  Factors Determining simple  interest calculation simple  interest and amount. | Role-play of market scene.  Quiz  ● Dramatization of  bankers and customers.  ● Organizing a debate on  a topic- simple interest,  importance of interest,  uses of interest in real  life. |
| DECEMBER | Ch-8 Simplification of  numerical expression  Ch9- Rounding off  numbers  Ch-15 Temperature | Explanation of Dmas Rule  Rounding off to the  nearest. Hundred  (100),Thousand (1000)Ten  thousand,Lakh  Ten lakh,One crore, Tenth,  Hundredth  Conversion of temperature  into Fahrenheit and Celsius  scale. | Prepare a game.  ● Prepare a model on  Celsius scale and  Fahrenheit scale and  observe the difference. |
| JANUARY | Ch-16 Triangles | Introduction, properties  and types of triangles | ● Make a puppet on  different kinds of  triangles.  ● Prepare a foldable type  of triangles.  ● Paper tearing activity  on angle sum property. |
| FEBRUARY | REVISION |  |  |
| MARCH |  |  |  |

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| SCIENCE | | | | |
| Month | Topic | Sub – Topic | Art Integration as per  NEP 2022 | Activities / Projects |
| APRIL | Chapter 1 :  My Body | Breathing  System  • Skeleton  System  • The Joints |  | • Prepare a foldable about  the Human Breathing  system.  • Lab visits to observe the  skeleton system of human  being and to compare the  working of various joints  with the different joints  you see in various  applications in your  house.  • Prepare flash cards of  riddles about functions of  sense organs of humans  and animals to play as a  game. |
| MAY | Chapter 2 :  Plants | Reproduction  in plants  • Structure of  seed  • Different  ways of seed  dispersal |  | Group Activity – To  performs a simple  experiment to demonstrate  seed germination and  prepare a photobook of  the steps involved.  • Prepare a foldable about  reproduction by different  parts of the plant. |
| JULY | Chapter 3 :  Forests  Chapter 4  Animals-  Our Friends | Advantages of  forest  • Forest  Products  • Deforestation  • How to  protect forest  • Wild life  • Food chain  and Food Web | Ek Bharat Shrestha  Bharat Project  Do cloth painting to  create awareness  amongst people to  protect the endangered  animal of the states  Arunachal Pradesh and  Meghalaya by drawing  1 endangered animal of  each state and writing a  slogan below it. | Make a poster on the  topic – “Save forests”  • Prepare a list of at least  five herbs in your kitchen  that we obtain from forest  and they serve as  medicinal use.  • Activity Sheet and group  Activity  • on food chain and food  web. |
| AUGUST | Chapter 5 –  Food  Chapter 6 -  Spoilage and  wastage of  food and  food  preservation | Balanced Diet  • Difference  between  communicable  and non-  communicable  disease. Spoilage of  food – its  causes and  prevention |  | Make a food pyramid and  paste in notebook.  • Prepare a table about  diseases caused by  deficiency of vitamins and  mineral.  • Make a list of  vaccinations you have  taken since childhood and  also know the names of  diseases for which they  were given. Prepare a list of methods  of food preservation  • To read and paste the  labels of the bottles of  jam, squash, sauce,  biscuit, pickles, etc. to list  the preservatives used. |
| SEPTEMBER |  |  |  |  |
| OCTOBER | Chapter 7 –  Importance  of water | • Importance of  Water for  plants and  animals  • Availability of  water in  nature |  | To prepare a collage on  aquatic plants and aquatic  animals.  • Lab Activity – To  calculate the amount of  water wasted in a day due  to dripping of tap. |
| NOVEMBER | Chapter 8 –  Properties of  water  Chapter 9 –  Fuels | Soluble,  insoluble  substances  • Physical states  of water  • Water cycle  • Types and  uses of fuel  • Renewable  and non-  renewable  sources of  energy | Interdisciplinary NEP  Activity  Prepare and present skit on  Importance of saving “Fuel”  explaining about various modes  of transportation and sources of  energy as per their learning in  Science and Social Science | Perform experiments  related to floating,  sinking, etc.  • Observe water cycle in  Water Cycle Baggie  • Audio visual on how  fossil fuels are made and  its alternatives  • Prepare working models  of windmill and solar  cooker and observe the  application of renewable  source of energy. |
| DECEMBER | Chapter 10-  Air  Chapter 11 –  Our Solar  System | • Composition  of Air  • Importance of  Air  • Pollution of  Air  • Sun  • Planets  • Satellites | • Interdisciplinary NEP  Activity  The learners will be presenting  a seminar using models, working models, ppt, videos,  charts or any other aid to  explain about different celestial  bodies, latitudes, longitudes,  earth etc. in groups as per their  learning in Science and Social  Science | Perform demonstration to  show that oxygen is  essential for burning  • Prepare song to create  awareness about Air  Pollution  • Prepare a working model  of different phases on  Moon  Oreo biscuit activity in  groups to explain the  phases of moon |
| JANUARY | Chapter 12  –  Observing  the sky | Day time sky • Night time  sky |  | To prepare constellation  lacing using cardboard  and thread. |
| FEBRUARY | Revision for Annual Exam | | | |
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| SOCIAL SCIENCE | | | |
| MONTH | TOPIC | SUB TOPIC | ACTIVIES/PROJECT |
| APRIL | L – 1 Importance of Family  L – 2 Human Migration | Joint Family  • Care and Appreciation  • Family likes and  dislikes  • Migration  • Animal Migration | Role model worksheet  • Case study worksheet |
| MAY | L – 3 Variation in Shelter | Types of Houses  • Caring for Neighbours | Study of various materials such as  Bamboo, wood, coconut shaft and  Write the names of states where  these materials are used to build the  houses. |
| JULY | L – 4 Sensitivity Towards  Others  L - 5 Community Services | • Physically Challenged  Children  • Socially Deprived  Children  • Helping the travelers  • Water for Quenching  the Thirst  • Trees on Roadsides | Role play  • Cleanliness drive, Poster making on  Save trees. |
| AUGUST | L – 6 Leisure Time  L – 7 Changing Trends in  Occupation | Leisure Activities  Traditional & Modern  Board games,  Chaupal, Story telling,  Reading, Yoga, Sports  as a career option  • Agriculture | Designing a Book jacket.  • Collect information on any 4  industrial Products that depend  upon agriculture for their raw  materials and also mark those states  on the political map of India from  where they get raw material. |
| SEPTEMBER |  |  |  |
| OCTOBER | L – 8 Respecting Regional  Differences  L – 9 Exploring India | • Andaman and Nicobar  islands  • Rajasthan  • Food habits, Dress,  Dance, Music and  Religion  • Agra- Agra fort, Taj  Mahal, Fatehpuri Sikri  • Manipur- Loktak Lake,  Shree Govindajee  Temple  • Mysore- Mysore  Palace | • Tie and Dye Activity  (Handkerchief)  • Save monument drive  • Collect information on any 2  Folk Dance forms of Uttar  Pradesh, Karnataka and Manipur  and write in your notebook. |
| NOVEMBER | L – 10 Mapping India  L-11 Transport in Modern  Times | • Globe and its features  • Different types of map  • Components of map  • Importance of  transport, Roadways,  Railways, Pipelines,  Airways | • Balloon Activity Miniature of  Globe.  • Case study. |
| DECEMBER | L – 12 Communication in  Modern Times | • Personal and Mass  Communication  • Postal Service,  Telegraph, Fax,  Television, Newspaper | • Debate, Quiz  • Mind map |
| JANUARY | L - 13 India’s Neighbours | • Similarity of  Languages between  India and Pakistan  • Similarity of food,  dress, culture with  neighbouring  countries | • Group presentation on India and its  neighbouring Countries. |
| FEBRUARY | REVISION | | |
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| GENERAL KNOWLEDGE | | | |
| MONTH | TOPIC | MONTH | TOPIC |
| APRIL | Language & Literature  Pg No. 1 to 13 | OCTBER | Art & Culture   Pg No. 37 to 45 |
| MAY | Environment Around  Pg No. 14 to 25 | NOVEMBER | Math Magic   Pg No. 46 to 56 |
| JULY | World Around   Pg No. 26 to 36 | DECEMBER | Sports & Games   Pg No. 57 to 63 |
| AUGUST | REVISION | JANUARY | REVISION |
| SEPTEMBER |  | FEBRUARY | REVISION |
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| MUSIC | | |  |  |  |
| MONTH | TOPIC | ACTIVITIES | MONTH | TOPIC | ACTIVIES |
| APRIL | राग बिलावल तीन ताल मध्य लए  छोटा ख्याल | हरर सौ चक्रधर आऊं ववषम नाम कहाओ | OCTOBER | song on Respect | Respect for you respect for me RESPECT |
| MAY | Prayer song | ना रंग हैना रूप है ना शक्ल है ना आकार है ... | NOVEMBER | Devotional song | हम आ रहे हैं हमारा इततहास हैपुराना |
| JULY | Patriotic song | उठा कदम गजर िजा उधर सुिह हुई ... | DECEMBER | Theory | Definition of saptak |
| AUGUST | Alankar | 1. सा,रे,गा,मा,पा... 2. सा सा, रे रे, गा गा ,मा मा... 3. सा रे गा , रे गा मा, गा मा प... 4. सारेगामा, रे गा मा पा... 5. सा रे सा रे गा , रे गा रे गा मा... | JANUARY | Song on peace | **If I could write a magic song**  **(A song of peace)** |
| SEPTEMBER |  |  | FEBRUARY | Folk song | िन्ना रे िागा में झूला घाल्या ... |

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| COMPUTER | | |
| MONTH | TOPIC | ACTIVITIES |
| APRIL | L-1 Know your Computer | Activities given in the book (Pg No.2,5,6,7,11,14,15,17,19)  Make a Collage of various storage devices. |
| MAY | L-2 Organizing in Writer(OpenOffice.org-Writer)  L-3 More operations in  Writer(open office.org)r | Activities given in the book(Pg No.27,30,32,33,35,39)  Activities given in the book(Pg No.43,44,46,54,56,60,) |
| JULY | L-4 Writing with Styles and  Colors (OpenOffice.org-  Writer) | Activities given in the book  (Pg No.68,69,70,74)  Make a list of Class Students. |
| AUGUST | L-5 Images in a Document  (OpenOffice.org-Writer) | Activities given in the book  (Pg No.85,88,90,92,95)  Design a birthday card for your friend |
| SEPTEMBER |  |  |
| OCTOBER | L-6 Advanced Features in  OpenOffice.org-Writer) | Activities given in the book  (Pg No.101,106,109)  Design the cover page of any story book |
| NOVEMBER | L-6 (Continued) | Activities given in the book  (Pg No.111,112,121,)  Make an attractive Bookmark. |
| DECEMBER | L-7 OpenOffice.org-Impress | Activities given in the book  (Pg No.125,132,134,136,138,) |
| JANUARY | L-8 Safe Use of Computer | Design a Poster on “ Cyber Security”  Design a Poster on “Save Earth” |
| FEBRUARY | REVISION | |
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| PHYSICAL EDUCATION | | |
| MONTH | ACTIVITY | OUTCOME |
| APRIL | Athletics (hurddle races & zig zag  races), | To improve strength, endurance  &coordination |
| MAY | Net ball games (throw ball) | To improve throwing skill, catching  &coordination |
| JULY | Quick games(run with bat), | To improve speed &endurance |
| AUGUST | Intercepting the ball(2 against 1), | To improve jump &legs strength |
| SEPTEMBER |  |  |
| OCTOBER | Three court dodge ball | To improve motor development &  alertness |
| NOVEMBER | Rellay races(pass the ball between  legs & over head), | To improve speed and coordination |
| DECEMBER | Shuttle race | To improve agility & speed |
| JANUARY | Skipping rope (race with skipping &  jump), | To improve lower body strength |
| FEBRUARY | Aerobics AND ATHLETICS | To improve body coordination &  endurance |
| MARCH |  |  |

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| ART AND CRAFT | | |
| MONTH | STEP BY STEP | CRAFT |
| APRIL | PG NO 1-4 | Paper quilling & cutting - Name |
| MAY | PG NO 5-8 | Paper cutting design for Mother’s Day |
| JUNE |  |  |
| JULY | PG NO 9-15 | Paper Bag, Badge Making-Grow more trees |
| AUGUST | PG NO 15-20 | Origami-Penguin, Tri color Rangoli, Clay Modeling |
| SEPTEMBER |  |  |
| OCTOBER | PG NO 21-24 | Paper Craft- Moving Bird |
| NOVEMBER | PG NO 25-28 | Tharmacol glass activity |
| DECEMBER | PG NO 28-32 | Paper Craft flower, Christmas tree & decorative items |
| JANUARY | PG NO 33-37 | Shilpkar jwellery making |
| FEBRUARY | PG NO 37-40 | Create something new out of given material |
| MARCH |  |  |