

**DAV POLICE PUBLIC SCHOOL JHAJJAR**  
**SYLLABUS**  
**CLASS-6**

S.N.	SUBJECT	MONTH	CHAPTER NAME	TOPIC COVERED
1	<b>Maths</b>	April	1.Natural numbers and Whole numbers  2. Factors and Multiples	<ul style="list-style-type: none"> <li>• Roman numerals</li> <li>• Whole numbers and their representation on number line</li> <li>• Operations on whole number</li> <li>• Estimation</li> <li>• Introduction about factors and multiples</li> <li>• Test of divisibility</li> <li>• Prime factorization method,HCF,LCM</li> </ul>
2		May	3. Integers	<ul style="list-style-type: none"> <li>• Representation of integers on number line</li> <li>• Operations on Integers</li> <li>• Powers of integers</li> </ul>
3.		June	Summer Vacations	•
4.		July	4. Ratio, Proportion and unitary method  5. Percentage and its applications	<ul style="list-style-type: none"> <li>• Introduction about ratio and proportion</li> <li>• Word problems of unitary method</li> <li>• Introduction</li> <li>• Profit and Loss percent</li> <li>• Simple Interest</li> </ul>
5.		August	6. Introduction to algebra  7. Linear Equations	<ul style="list-style-type: none"> <li>• Properties of operations on algebraic expressions</li> <li>• Variable,Constant</li> <li>• Find value of linear equations</li> </ul>
6.		September	8. Basic Geometrical concepts  9. Line segments	<ul style="list-style-type: none"> <li>• Properties of a point and a line</li> <li>• Collinear points,intersecting lines,parallel lines,concurrent lines</li> <li>• Comparison of line segments</li> <li>• Construction of line segments</li> </ul>
7.		October	10. Angles  11. Transversal and Pairs of lines  12. Triangles	<ul style="list-style-type: none"> <li>• Interior and Exterior of an angle</li> <li>• Types of angle</li> <li>• Pairs of angles</li> <li>• Transversal lines</li> <li>• Angles formed by a transversal</li> <li>• Exterior and interior of a triangle</li> <li>• Exterior angle of a triangle</li> </ul>

8.		November	13. Circles 14. Constructions	<ul style="list-style-type: none"> <li>• Radius, Diameter, chords, circumference of a circle</li> <li>• Constructions of Perpendicular Bisector</li> <li>• Constructions of angles</li> </ul>
9.		December	15. Perimeter and Area 16. Statistics	<ul style="list-style-type: none"> <li>• Perimeter of square and rectangle</li> <li>• Area of square and rectangle</li> <li>• Interpretation of data using bar graphs</li> </ul>
10.		January	Revision	
11.		February	Revision	
12.		March	Revision	
1.	<b>Science</b>	April	1.Our Environment  6. Measurement and motion	<p>1.Our Environment: Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substance, Various abiotic factors and adaptations of plants and animals.</p> <p>6. Measurement and motion: Measurement of Length, Measurement of Mass, Measurement of Time, Transportation, Units of Measurement, Motion and Types of Motion Graphs.</p>
2.		May	2.Food  10. Work and energy	<p>2.Food Components of food, Carbohydrates, Sugars and Starch, Fats, Proteins, Vitamins, Minerals, roughage/Fiber, Water, Balanced Diet, Deficiency Diseases</p> <p>10. Work and energy Concept of work, Energy and types of energy.</p>
3.		June	SUMMER VACATION	
4.		July	3.Nature of matter  4. Separation of substances	<p>3.Nature of matter: Solids, Liquids and Gases, Sorting on the Basis of Materials, Various properties of Materials.</p> <p>4. Separation of substances: Mixtures, homogeneous, heterogeneous mixtures, Techniques for Separation of Solids from Solid, Separation of Solids from Liquids, Separation of Liquids from</p>

				Liquids
5.		August	5. Changes around us  11. Electric current and circuits	5. Changes around us: Reversible Changes and Irreversible Changes, Physical and Chemical Changes, Changes Caused by Heat, Periodic and Non-periodic Changes  11. Electric current and circuits Electric Cell, Electric Bulb, Electric Circuit, Electrical Switch, Electric Torch, Conductors and Insulators, Electrical Safety
6.		September	7. The world of living	7. The world of living Plants- Classification on the basis of area in which grow, height, time for which they grow, Animals- classification on the basis of mode of obtaining food, presence or absence of backbone etc, Decomposers and their effects.
7.		October	8. Structure and functions of living organisms- plants  9. Structure and functions of living organisms- Animals	8. Structure and functions of living organisms- plants Types of Plants, Parts of a Plant, Functions of Parts of Plants- Stem, roots and flower, Water and mineral transportation in plants.  9. Structure and functions of living organisms- Animals Various groups of organisms on the basis of mode of obtaining food, various systems and their functions.
8.		November	14. Fabric from fiber  12. Light and shadow	14. Fabric from fiber Fabric, fibers, types of fibers, synthetic and natural fibers, wool and silk production.  12. Light and shadow: Propagation of Light, Transparent, Translucent and Opaque Objects, Shadows, Eclipses, Pinhole Camera, difference between image formed by plane mirror and shadow.
9.		December	13. Magnet	13. Magnet Magnetic and Non-Magnetic Materials, Natural and Man-Made Magnets, Properties of Magnets, Earth's Magnetism, Uses of Magnets
10.		January	Revision	
11.		February	Revision	

12.		March	Revision and final exam	
1	<b>English</b>	April	How Daddy Decided What he Wanted to be, Putting it Together	Word meaning, question answer, abstract nouns, verbs and adverbs, adjective and adverb, adjectives, pronouns, prepositions, adjectives
2		May	The White Elephant, Leisure, Hobbies, Regular and irregular verbs, Determiners	Word meanings, question answer, difference between regular and irregular verbs, 17 worksheets for practice on irregular and regular verbs, % worksheets based on determiners for practice
3				
4		July	My Experiments with Truth, Today and Tomorrow, Thrill in School Life , Subject Verb Agreement	Word meanings, question answer, To learn how a verb must agree with the noun, 10 worksheets based on subject verb agreement for practice,
5		August	The Helpful Young Man, Bharat Desh, Performing Arts, Simple Tenses	Word meanings, question answer, understanding tense chart based on real life situations, 17 worksheets based on tenses for practice.
6		September	Hanuman and I, Our Tree, Vacation Time, Continous Tenses and Perfect Tenses	Word meanings, question answer, Understanding continous and perfect tenses based on real life situations, 11 worksheets based on continous tenses for practice, 6 worksheets based on perfect tense for practice.
7		October	Attila, Tinsel World, Modals ,Conditionals	Word meanings, question answer, Understanding modals as special helping verbs, learning to communicate our intentions effectively, 17 worksheets based on modals for practice, understanding three types of conditionals, 10 worksheets based on conditionals for practice.
8		November	The Care of Copied Question Papers, Celebrations, Passive Voice.	Word meanings, question answer, understanding the situations where we require passive voice in language, use of passice voice in articles, reports, announcements , 12 practice worksheets
9		December	Revision	
10		January	Revision	
11		February	Revision	
12		March	Revision and Final Examination	
1	<b>S.st.</b>	April	Lesson - 1 The Planet Earth and the solar system  Lesson - 8 Studying the past  Lesson - 9 Life of Early Man Lesson - 21 Our community Life - Unity in	Galaxies, Stars , Constellations, Evolution of the solar system, Phases of the Moon , Asteroids , comets etc. Prehistory , History , Archaeological and Literaey sources Palaeolithic , Mesolithic and Neolithic stone age

			Diversity	Community and Interdependence Diversity in India, Our Rural and Urban community
2		May	Lesson - 2 Representation of the Earth  Lesson - 10 Development of Civilisation	Globe , Map , Types of map , Components of maps, History of map - making , Atlas. Indus valley civilisation, the city planning , Occupations, religion, script, life of the people, End of the civilisation.
3		June	Summer Vacation	
4		July	Lesson - 3 Locating Places on the Earth  Lesson - 11 The Iron Age Civilisation  Lesson - 12 Janapads and the Mahajanapads	Latitudes, Longitudes , Heat zones, Grid System , Longitude and time The Vedic civilisation - Political and social condition, Occupations religion , Achievements Important rulers , administration , social and economic condition , religion. Magadha - A successful Empire
5		August	Lesson - 4 The Motions of the Earth Lesson - 22 Democracy and Government Lesson - 13 The Mauryan Dynasty	Rotation and Revolution of the Earth Democracy, Goals of democracy, Representative democracy, People's participation. The Mauryan Empire , Administration , social and economic condition , Art and Architecture , Decline of the Mauryan Empire
6		September	Lesson - 23 Our Rural Governance  Lesson - 5 The Realms of Earth  Lesson - 14 Early History of Deccan and South India Lesson - 15 North India after Mauryas	Gram Panchayat , Block Samiti, Zila Parishad Lithosphere , Major Landforms , Atmosphere , Hydrosphere , Biosphere Megalithic Culture , Early history. South India - The cholas , The Pandyas, The Cheras. Effects of contact between central Asia and North India. Important Rulers
7		October	Lesson - 24 Our Urban Government  Lesson - 6 India My Mother Land  Lesson - 16 The Gupta Empire  Lesson- 17 The Era of Harsha	Nagar Panchayat , Municipal Council Municipal corporation , District Administration India's location on the Globe , Our neighbours, India's Extent , landforms of India , Political Division Important Rulers of Gupta Empire , Administration , social , economic conditions , religion etc. Harshavardhana Empire - Administration , religion , social , economic conditions.
8		November	Lesson - 7 India - The Land of Monsoon climate  Lesson - 18 Deccan and South India  Lesson - 19 India and outside World Lesson - 20 The Indian Religions	The seasons of India , Natural vegetation , Wildlife , conservation of forest Chalukyas and Pallavas - religion , administration etc. India's contact with the west , central Asia , Srilanka , south - East and China Hinduism, Zoroastrianism , Judaism ,

				Jainism , Buddhism , Christianity
9		December	Revision	
10		January	Revision	
11		February	Revision	
12		March	Revision and Final Examination	
1	नैतिक शिक्षा	अप्रैल	प्रार्थना आर्य समाज	पाठ वाचन शब्दार्थ प्रश्न उत्तर
2		मई	आर्य समाज के नियम 3 से 6 गायत्री मंत्र और उसका अर्थ	पाठ वाचन शब्दार्थ प्रश्न उत्तर
3		जून	ग्रीष्मकालीन अवकाश	
4		जुलाई	ईश्वर कहां है समर्पण सृष्टिकर्ता	पाठ वाचन शब्दार्थ प्रश्न उत्तर
5		अगस्त	शिव कौन है मृत्यु क्या है दयानंद सरस्वती बाल प्रतिज्ञा सत्य	पाठ वाचन शब्दार्थ प्रश्न उत्तर
6		सितंबर	सहनशील दादू महाराजा रणजीत सिंह की उदारता प्रार्थना महावीर स्वामी	पाठ वाचन शब्दार्थ प्रश्न उत्तर
7		अक्टूबर	महात्मा बुध महात्मा गांधी महारानी लक्ष्मी बाई	पाठ वाचन शब्दार्थ प्रश्न उत्तर
8		नवंबर	शिष्टाचार वशीकरण मंत्र	पाठ वाचन शब्दार्थ प्रश्न उत्तर
9		दिसंबर	संध्या 1 से 12 मंत्र	पाठ वाचन शब्दार्थ प्रश्न उत्तर
10		जनवरी	दोहराई	
11		फरवरी	दोहराई	
12		मार्च	दोहराई	
1	Art	April	1 Composition of object 2 composition 3 still life	*Different type of object *Nature with Birds *Object drawing with cloth folds
2		May	4 Human faces 5 Male figure in graph	*Boy face girl face male and female figure in graph

			6 Female figure in graph	*study of figure
3		June	Summer Vacation	
4		July	7 Study of face part 8 Sketches drawing with appropriate features of face	*Different part of face( eyes nose ear lipsetc)
5		August	9 Foot study 10 Study of hands	Different poses of foot different poses of hands
6		Sept	11Scene	Village scene
7		October	12 study of face parts 13 study of human body 14 figure completion 15 beak of birds	*Study of human body *different type of beaks of birds
8		November	16 Nature composition 17 Design	Different type of poster and rangoli design
9		December	17 Design	Different type of design on pot
10		January	Revision	
11		February	Revision	
12		March	Revision and Final Examination	
1	Computer	April	Let us explore - our computer operating syetem, Application software	Introduction, Component of computer system, Types of Hardware, Types of software, System software, Application software, Software License ,Open source software, Proprietary or Closed source software, Freeware software
2		May	Designing in Impress(Open Source)	Introduction, Selecting themes and themes colors, before creating presentation, After creating presentation, Selecting background style, Dropdown menu
3		July	Modifying slides in OO Impress(Open Source)	Inserting pictures in a slide from file/gallery, Dialog box, Theme, Resizing the image/picture, Drawing tools, Toolbar, Floating toolbar, Inserting shapes in a slide ,Inserting fontwork in a slide, Wordart,
4		August	Creating professional presentations and presenting presentation in OO Impress(Open Source)	Slide show, Hide slide, Inserting field in a slide, Inserting Header and Fotter in a slide, Inserting date and time, Inserting slide number, Slide transition, Adding footnote/comments, Narration, Timing the show, Reharse timing, Authorized user, Protecting presentation (Password

				protection)
5		September	Viewing presentations( OO Impress Open Source)	Presentation view, Normal view, Slide sorter view, Notes view, Slide show view,
6		October	Animation in slides (Open Source)	Using slide animation effects, To change or remove the effect, To change the speed of animation, Starting option, Advanced animation effect, Controlling the slide movement,
7		November	Spreadsheet-ICALC(Open Source)	Tessellations, Grid, Why a spreadsheet, Uses of spreadsheet, Workbook and worksheet, Concept of cell,row and column, Creating a workbook, Saving a workbook
8		December	Spreadsheet-IICALC(Open Source)	Step for creating a chart, Column chart, Bar chart, Line chart, Pie chart
9		January	Revision	
10		February	Revision	
11		March	Revision	
1	हिंदी	अप्रैल	साथी हाथ बढ़ाना	क्रियाकलाप करवाना अनुच्छेद लेखन शब्दार्थ प्रश्न उत्तर मौखिक परीक्षण
2		अप्रैल	चिट्ठी के अक्षर	प्रस्तुतीकरण क्रीज शब्दार्थ चित्र प्रश्न उत्तर मौखिक परीक्षण
3		मई	बरसते जल के रूप अनेक	कविता वाचन कविता लेखन प्रश्न उत्तर शब्दार्थ
4		मई	पुरस्कार	पत्र लिखवाना प्रश्न पूछना टेस्ट शब्दार्थ प्रश्न उत्तर
5		जुलाई	सीखो	अनुच्छेद लिखवाना मौखिक परीक्षण शब्दार्थ प्रश्न उत्तर टेस्ट
6		जुलाई	अनोखा वरदान	पाठ पढ़ाना सृजनात्मक कार्य शब्दार्थ प्रश्न उत्तर मौखिक परीक्षण
7		जुलाई	सुंदरलाल	स्लोगन लिखवाना लिखित परीक्षण मौखिक परीक्षण शब्दार्थ प्रश्न उत्तर
8		अगस्त	न जानू कभी बना	सूचना लेखन पाठ पढ़ाना प्रश्नों के उत्तर मौखिक परीक्षा
9		अगस्त	दोहे	दोहे वाचन,कहानी सुनना
10-		अगस्त	पोंगल	पाठ वाचन,पत्र लेखन, प्रश्न उत्तर
11		सितंबर	तेनालीराम ने चोरों को उल्लू बनाया	मुहावरे सुनना काल पूछना प्रश्न उत्तर शब्दार्थ
12		सितंबर	दस आमों की कीमत	शब्दार्थ प्रश्न उत्तर मौखिक परीक्षण पत्र लिखवाना
13		अक्टूबर	अनोखी दौड़	पाठ पढ़ वाना शब्दार्थ प्रश्न उत्तर संवाद करवाना
14		अक्टूबर	एक रोमांचक यात्रा	सूचना लिखवाना मुहावरे क्रीज
15	हिंदी	अक्टूबर	परिश्रम	परिश्रम पर अनुच्छेद लिखवाना प्रश्न उत्तर मौखिक परीक्षा
16	हिंदी	नवंबर	धान का महत्व	विज्ञापन लिखवाना पाठ पढ़ाना प्रश्न पूछना मौखिक परीक्षण
17	हिंदी	नवंबर	यात्रा और यात्री	ईमेल आईडी बनवाना पाठ सुनना प्रश्न उत्तर शब्दार्थ मौखिक परीक्षण
18	हिंदी	नवंबर	पंच परमेश्वर	प्रस्तुतीकरण शब्दार्थ प्रश्न उत्तर टेस्ट
19	हिंदी	दिसंबर	सिकंदर और साधु	संवाद करवाना प्रश्न पूछना टेस्ट मौखिक



				परीक्षण
20	हिंदी	दिसंबर	आया वसंत	कविता का सस्वर वाचन प्रश्न पूछना शब्दार्थ लिखित परीक्षण
	हिंदी	जनवरी फरवरी	रिवीजन-----। मार्च फाइनल एग्जाम	
1	G.K.	April	Language & Literature	Feel at home with homograph, Towards colorful language, Anagram are fun, It is people all the way, Value are invaluable, What is the good word, Know your Gs, Body language, Prefix And suffix, Into the world of comics, Test your wisdom
2		May	Environment Around	Nature's blessing, Space capsule, A doctor's dictionary, Human body, Chemistry of life, Mobile mania, Gaseous world, Amazing plants, Amazing animals, Smooth working, Fact file, Test your wisdom
3		July	World Around	National flag, Continental quiz, UNO, Water ways, Tribes of the world, Currencies, News 'n' views, National Emblems, Magnificent masters of the world, Meal time quiz, Fact file, Test your wisdom
4		August	Art & Culture	Myth magic, Music mania , Bonding with god, Sound of the music, Tongues, Bon appetite, From om to amen, The world of art, Famous people of Indian origin, Puppet show, Fact file, Test your wisdom
5		September	Math Magic	In sync with symmetry , Let us count, Symbols and numbers, Figure it out, Figure it out too, fun with numbers, Into the world of numbers, Scratch your head, Brain booster, Walk on a circular path, Fact file, Test your wisdom
6		October	Sports & Game	Riding a high horse, Fun with water, More fun with water, A matter of skill & strength –Gymnastics, The art of self defence , What is your racket, Have a ball, Howzzatt, Right on the track, The magic of soccer, Famous international football player, Fact file, Test your wisdom
7		November	Revision	
8		December	Revision	
9		January	Revision	
10		February	Revision	
11		March	Revision	
1	संस्कृत	अप्रैल	पाठ 1 पुर : - पुर : प्रगच्छ पाठ 2 मम प्रिय : विद्यालयः वर्ण विच्छेद एतत् , तत , किम् सर्वनाम	पाठ का सस्वर वाचन, ' आम ' अथवा ' न ' , रिक्त स्थान , पर्यायवाची शब्द , पूर्ण वाक्य में उत्तरत

2	संस्कृत	मई	पाठ 3 चत्वारि प्रिय मित्राणि अस्मद , युष्मद सर्वनाम	पाठ का सस्वर वाचन , ' आम ' अथवा ' न ' , रिक्त स्थान , एक पदेन उतरत , पूर्ण वाक्येन उतरत , कथा क्रमानुसारम्
3	संस्कृत	जुलाई	पाठ 4 मधुराः श्लोकाः शब्द रूपाणि , कारक	पाठ का सस्वर वाचन , रिक्त स्थान , 'आम् 'अथवा 'न ' , एकपदेन उतरत , पूर्ण वाक्येन उतरत , प्रश्न निर्माण
4	संस्कृत	अगस्त	पाठ 5 जले अपि वसन्ति जीवा पाठ 6 वीर बालिका गुञ्जन सक्सेना वचनम् , धातुरूप	पाठ का सस्वर वाचन , ' आम ' वा ' न ' , रिक्त स्थान , पर्यायवाची शब्द , एकपदेन उत्तरत , पूर्ण वाक्येन उत्तरत , प्रश्न निर्माण
5	संस्कृत	सितम्बर	पाठ 7 प्रहेलिकाः उपसर्गाः	पाठ का सस्वर वाचन , ' आम ' अथवा ' न ' , रिक्त स्थान , विलोम शब्द , पूर्णवाक्येन उत्तरत , प्रश्न निर्माण संकलनात्मक परीक्षा (1)
6	संस्कृत	अक्टूबर	पाठ 8 धन्याः मातुः महिमा पाठ 9 " सिक्किम " प्रदेशस्य सौन्दर्यम् अव्यय पदानि , शब्दरूपाणि , धातुरूपाणि	पाठ का सस्वर वाचन , आम अथवा न , रिक्त स्थान , एकपदेन उत्तरत , पूर्णवाक्येन उत्तरत , प्रश्न निर्माण
7	संस्कृत	नवम्बर	पाठ 10 योग्यः शिष्यः पाठ 11 मधुराणि वचनानि उपपद विभक्त , संख्यावाची , अपठित गद्याश .	
9	संस्कृत	दिसंबर	दोहरान कार्य	
10	संस्कृत	जनवरी	दोहरान कार्य	
11	संस्कृत	फरवरी	दोहरान कार्य	
12	संस्कृत	मार्च	दोहरान कार्य	
1	Computer	April	Computer-A Machine	Introduction, Information processing in human, Commands ,Instruction, Keyboard, QWERTY layout, Mouse, MB, GB, CPU, ALU, CU, MU
2		May	More on tux paint	Component of main screen, Toolbar, Help area, Drawing canvas, Colour tool, Selector, Paint tool, Line tool, Eraser tool, Text tool, Undo button, Redo button
3		July	Exploring Tux paint	Magic tool, Blind magic effect, Blur effect, Brick effect, Calligraphy effect, Drip magic effect, Stamp tool
4		August	LOGO-I	Starting logo, Forward, Back, Right turn, Left turn, Clear screen and draw, Clear text, Home
5		September	LOGO-II	Hide turtle, Show turtle, Penup, Pendown, Pen erase, Repeat
6		October	Writer-Getting started	Typing, Editing, Formatting, Graphics, Permanent storage, Spell check, Printing, Program, Source code, Licensed software, Open source software, Starting

				open office.org writer Saving,Closing.Opening a file, Title bar, Menu bar, Standard bar, Format bar, Ruler, Status bar, Scroll bar, Work area
7		November	Editing in writer	Left arrow, Right arrow, Down arrow, Up arrow, Home , End, Ctrl+Home, Ctrl+End, Undo and Redo command, Cut, Copy, Paste, Clipboard, Find and replace
8		December	Internet as A Pool of Information	Internet, Website , Uses of internet, Connecting to other computer through internet, Search engine, Validating searched information, Downloading searched information, pdf, To download text, To download image
9		January	Revision	
10		February	Revision	
11		March	Revision	