

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

S.N.	SUBJECT	MONTH	CHAPTER NAME	TOPIC COVERED
1	Computer	April	1. Evolution of Computers	Evolution of Computers, History of Computers, Generations of Computers, Advantages and Disadvantages of Each Generations, Difference between different generations of Technology and Trends
2		May	2. Scratch-1	Components of Scratch Screen, Blocks Pane, Script Pane, Stage, Sprite, Current sprite Information, Sprite List Saving and Opening Project, Sharing Project, Learn to choose paint, Edit and resize characters(Sprite)
3.		June	Summer Vacations	
4.		July	3. Scratch-II	Elementary Basics, Motion Block, Moving a sprite, Control block , Looks block, Pen block, Sensing block, sound block, Operators block, Variables block, Animating the background, use of blocks to create animations games and stories
5.		August	4. Introducing to GIMP	Image editing tools, GIMP Window, Create, Open and Save file, Foreground and Background colors , Selection tool, Text and Erase tool, Bucket fill tool pencil tool, Resize Image, Cropping Image, concepts of layers, Clear Command, Image editing tool, Area selection tool, Ellipse Select tool
6.		September	5. GIMP Tools	Paintbrush tool, Shear tool , flip tool, Rotate Tool, Perspective tool, Blur/Sharpen tool, Smudge tool, Dodge/Burn tool, Blend tool
7.		October	6. Advanced GIMP	Opening a layer window, Adding a layer, Renaming a layer, Deleting a layer, Creating a duplicate layer, Understanding the base Layer, Using Masking and Filters
8.		November	7. Basics of Internet	Introduction of Internet, Web servers, Web browser, Website Types of web pages, URL, Blogs, Features and Types of blogs, Social Networking Websites
9.		December	8. Internet and Web services	Chat, E-mail, Video Conferencing, Social Networking, E-Groups, E-learning, E-Commerce, E-Reservation, E-Banking
10.		January	Revision	
11.		February	Revision	
12.		March	Revision	

1	GK	April	language and literature	<ul style="list-style-type: none"> <li>• Mind Power</li> <li>• Which 'City' Are You In?</li> <li>• It's Never Too Late!</li> <li>• Maze of Words</li> <li>• Indian Roots</li> <li>• Quotable Quotes</li> <li>• Variant Verbs</li> <li>• Writing of Great Men</li> <li>• Pertinent Proverbs</li> <li>• Animal Expressions</li> <li>• What's the Word?</li> <li>• Valuable values</li> <li>• Fact File</li> <li>• Test Your Wisdom</li> </ul>
2		May	Environment around	<ul style="list-style-type: none"> <li>• Environs</li> <li>• Steps to Fame</li> <li>• Gadgets Galore</li> <li>• Endangered Birds</li> <li>• An Atmosphere of 'Spheres'</li> <li>• Blasting into Space</li> <li>• Explore the Sciences</li> <li>• Dreaded Diseases</li> </ul>
3		June		•
4		July	Environment around  World around	<ul style="list-style-type: none"> <li>• Way to Health</li> <li>• World's Toppers</li> <li>• Electronic Brain Game</li> <li>• Buzz Zone</li> <li>• Fact File</li> <li>• Test Your Wisdom</li> <li>• Canals of the World</li> <li>• Globe trekker</li> <li>• Dates and Events</li> </ul>
5		August	World Around  Art and Culture	<ul style="list-style-type: none"> <li>• Island Quiz</li> <li>• National Anthem/song (World)</li> <li>• Important Borders Lines</li> <li>• Countries and Their Parliaments</li> <li>• Emperors and Kings</li> <li>• Natural Features</li> <li>• Famous Parks</li> <li>• Mountain Passes</li> <li>• Famous Bridges</li> <li>• Fact File</li> <li>• Test Your Wisdom</li> <li>• Fairs of India</li> <li>• Rock and Roll</li> <li>• Jewellery Section</li> </ul>
6		September	Art and Culture	<ul style="list-style-type: none"> <li>• Folk Theatre</li> <li>• Street Food</li> <li>• Theatre Personality</li> <li>• World of Fashion</li> <li>• Festivals and Celebrations</li> <li>• Tribal Talk</li> </ul>

				<ul style="list-style-type: none"> <li>• Traditional Costumes</li> <li>• Awards and Accolades</li> <li>• Best Indian Brand Slogans</li> <li>• Fact File</li> <li>• Test Your Wisdom</li> </ul>
7		October	Math Magic	<ul style="list-style-type: none"> <li>• Tricks with Fingers</li> <li>• Networking</li> <li>• Hunt the Hidden Fingers</li> <li>• Matchstick Puzzles</li> <li>• What Comes Next</li> <li>• Magic squares</li> <li>• Missing Numbers</li> <li>• Guess the Shape</li> <li>• Know Your Measure</li> <li>• International Shopping</li> </ul>
8		November	Math Magic  Sports and Games	<ul style="list-style-type: none"> <li>• Scratch Your Head</li> <li>• Formulae Can Be Fun</li> <li>• Fact File</li> <li>• Test Your Wisdom</li> <li>• Check- Mate</li> <li>• Terrific Tennis</li> <li>• Indian Tennis Stars</li> <li>• The Game of Skill</li> <li>• Our National Game</li> </ul>
9		December	Sports and Games6	<ul style="list-style-type: none"> <li>• Our Hockey Stars</li> <li>• Yoga - The Spirit of Life</li> <li>• The Everest Story</li> <li>• Adventure Sports</li> <li>• The Carrom Connection</li> <li>• Basketball is the Best</li> <li>• International Stadiums</li> <li>• Fact File</li> <li>• Test Your Wisdom</li> </ul>
10		January	Revision	
11		February	Revision	
12		March	Revision and final Examination	
1	<b>Science</b>	<b>April</b>	1.Nutrition in living organisms- Plants  2.Nutrition in living organisms- Animals	1.Nutrition in living organisms- Plants Nutrition in plants, modes of Nutrition, Autotrophs, Heterotrophs, Holozoic mode of Nutrition, saprotrophic mode of Nutrition, Symbiotic association, mineral recycling and mineral enrichment of soil using manureandfertilizers.  2.Nutritionn in living organisms Animals Modes of Nutrition, Autotrophs, Heterotrophs, Holozoic mode of

			5. Heat	<p>Nutrition in humans amoeba and ruminants animals, saprotrophic mode of Nutrition, Human digestive system.</p> <p>5. Heat Heat( defination), concept of temperature, units of temperature,mode of transfer of heat- conduction , convection, radiation and application concepts, sea breeze and land breeze.</p>
2		<b>May</b>	<p>13. Fabric from fibres</p> <p>6. Motion and time</p>	<p>13. Fabric from fibres Fabric, fibres, types of fibres, synthetic and natural fibres, silk production.</p> <p>6. Motion and time Motion, types of motion, time, measurement of time, concept of clocks.</p>
3		<b>June</b>	Summer Vacation	
4		<b>July</b>	<p>15. Forest</p> <p>16. Water</p> <p>11. Electric charge at rest.</p>	<p>15. Forest Forest, canopy and crowns of forest trees, forest products, forest benefits, conservation of forests environment pollution , its effect, methods to reduce pollution.</p> <p>16. Water Water, water pollution- causes, treatment, conservation of water- Rain water harvesting, other methods.</p> <p>11. Electric charge at rest.</p>
5		<b>August</b>	<p>3.Chemical substances and Processes</p> <p>4.Acids, Bases and salts.</p>	<p>3.Chemical substances and Processes Chemical reaction and equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, neutralization, oxidation, and reduction.</p> <p>4.Acids, Bases and salts. Acids, types of acids- mineral and organic acids,Bases, alkaline, Salts,</p>

				types of salts- acidic , basic and neutral salts.
6		<b>September</b>	12.Electric charge at rest  17.Electric current and its Effect	12.Electric charge at rest Charges, nature, properties, methods of charging an object, Electric discharge, lightning conductor.  17.Electric current and its Effect charge, current, electric circuit, heating and magnetic effect of current.
7		<b>October</b>	7. Respiration in organisms  9.Reproduction in plants	7. Respiration in organisms: Respiration-Aerobic and anaerobic respiration, respiration in plants and respiration in animals, human respiratory system.  9.Reproduction in plants:- Reproduction in plants, asexual and sexual mode of reproduction, vegetative reproduction etc.
8		<b>November</b>	8. Transportation in plants and Animals  10. Soil	8. Transportation in plants and Animals:- Transportation, Xylem, Phloem, transpiration, transportation in Animals- circulatory system, excretory system in detail.  10. Soil Soil, types of soil, factors affecting soil formation, soil and it's effect, methods to prevent soil pollution.
9		<b>December</b>	13 Weather, Climate and adaptation of animals.	13 Weather, Climate and adaptation of animals: Weather, climate, adaptations of various organisms
10		<b>January</b>	Revision	
11		<b>February</b>	Revision	
12		<b>March</b>	Revision And Final Examination	
1.	<b>ENGLISH Literature</b>  <b>English practice</b>	April	Chapter -1 : Monkey Trouble Chapter -2 : Birdie , will you pet?  Chapter- 1 : Articles	Explanation of the chapter ,key words, about the author ,question answer, highly order thinking & value based question answer, life skill , exercise of the book Definition of Articles ,its types and exercise of the chapter .
2.	<b>English literature</b>	May	Chapter-3 : A Hero Chapter-4 : Fight, Manju, fight!	Explanation of the chapter ,about the author, keywords, question answer, life

	<b>Reader book</b> <b>Practice Book</b>		Unit-1 : People at work Chapter- 2 : The sentence Unseen passage	skill, highly order thinking & value based question answer, exercise of the book. Definition of sentence ,its types and worksheet of the chapter.
3.		June		
4.	<b>English literature</b> <b>Reader book</b> <b>Practice Book</b>	July	Chapter -5 : I Dream a world Unit 2 : Relationship Unit -3 : Attitude Chapter 3 : The Compound Sentence Chapter-4 : Phrases and Clauses	Explanation of the chapter , about the author, keywords, question answer, highly order thinking & value based question answer, exercise of the book. Definition of Sentence, phrases and clauses ,its types and worksheet of the chapter
5.	<b>English literature</b> <b>Reader book</b> <b>Practice Book</b>	August	Chapter-6 : Stone Soup in Bohemia Chapter-7 : A Stormy Adventure Unit – 4 : Achievers Chapter -5 : Transitive and Intransitive verbs Chapter -6 : Modals	Explanation of the chapter , about the author, keywords, question answer, highly order thinking & value based question answer, exercise of the book. Definition of verb and Modals ,its types and worksheet of the chapter.
6.	<b>English literature</b> <b>Reader book</b> <b>Practice Book</b>	September	Chapter-8 : The Spider and The Fly Unit – 5 : The Future World Chapter -7 : Passive Voice	Explanation of the chapter, about the author, keywords, question answer, highly order thinking & value based question answer, exercise of the book. Definition of voice ,its rules and worksheet of the chapter.
7.	<b>English literature</b> <b>Reader book</b> <b>Practice Book</b>	October	Chapter – 9 : The Human Robot Unit -6 : Unity in Diversity Chapter-8 : Reported Speech	Explanation of the chapter, about the author, keywords, question answer, highly order thinking & value based question answer, exercise of the book. Definition of Direct speech& indirect speech ,its rules and worksheet of the chapter.
8.	<b>English literature</b> <b>Reader book</b> <b>Practice Book</b>	November	Chapter -10 : Friends and Flatters Chapter-11 : Chocolates in Your Dreams Too Revision Chapter- 9 : Future Time Reference Chapter -10 : perfect progressive tenses Chapter-11: Linkers	Explanation of the chapter, about the author, keywords, question answer, highly order thinking & value based question answer, exercise of the book. Definition of Tenses , linkers& its rules and worksheet of the chapter.

9		December	Revision	
10		January	Revision	
11		February	Revision	
12		March	Revision and Final Examination	
1	<b>Art</b>	April	Foliage study Flowers study	Draw a leaf flower drawing with different media
2		May	Flower study	Flower with different grade of pencil flower drawing
3		June	Summer Vacation	
4		July	Tree study	Drawing of different type of tree
5		August	Hut study Animal study	Different type of hut Drawing of elephant
6		Sept	Animal study	Drawing of Goat horse camel cat buffalo and dog
7		October	Human figure	Drawing of human figure with different grades
8		November	Human figure Perspective	Human figure study Perspective scene
9		December	Revision	
10		January	Revision	
11		February	Revision	
12		March	Revision and Final Examination	
1	<b>Social Science</b>	<b>April</b>	1.Components of Environment	Four Spheres Of Environment- Lithosphere, Atmosphere, Hydrosphere, Biosphere
			9.Medieval Period	Sources of Information
			18.Democracy and Equality	Constitution, Universal Adult Franchise, Right To Equality
			19.Our State Government	The State Legislature, Function of the State Legislature, The Governor, The Powers of the Governor, The Chief Minister and his Council of Ministers, Functions of the Council of Ministers, Union Territories, India is a Federation with a Strong Centre
			20.Media- The Mainstay of Democracy	Interdependence of Technology and Media, Role of Money in Media, Media AND Democracy , Right to Information (RTI) Act Of 2005
			21.Advertising and Democracy	Advertising, Social and Public Advertising, Effects Of Advertising, Advertising and Democracy, Consumerism
2		<b>May</b>	22.Unpacking Gender	Role of Boys and Girls, Society and Stereotyping, Gender Inequality, Education and Awareness, Need of Gender Equality
			23.Market Around Us	Types of Markets, Market and Democracy

3		<b>June</b>	Summer Vacation	
4		<b>July</b>	10.The Rise Of Small Kingdoms in North India	Rashtrakutas, Palas, Pratiharas, Tripartite Struggle, Rajputs, Governance in North India
			11. The Rise Of Small Kingdoms in South India	Cholas, The Pandyas, Governance in South India, Shankaracharya
			12.Turkish Invasions In North India	Invasion of Mahmud Ghazni, Invasion of Muhammad Ghori
5		<b>August</b>	13.Delhi Sultanate	The Slave Dynasty, The Khaljis, Tughlaq Dynasty, Lodi Dynasty, Governance During The Sultanate Period,
			14.Regional Powers	Vijaynagar Empire, Bahamani Empire, Ahoms, Mewar, Marwar, Kashmir
			15.The Mughal Empire	Mughal Emperors, Governance Under Mughal Empire, Decline of Mughal Empire
6		<b>September</b>	16.Emergence of Independent States	Bengal, Awadh, Hyderabad, Sikhs, Marathas, Rajputs, Mysore
			17.Major Religions	Islam, Sikhism, Bhakti Movement, Sufism
7		<b>October</b>	2. The Earth and the Changes on It	External Process, Agents of Gradation, Soil, Formation Of Soil, Distribution of Major Soil Types,
			3.The Surface and Interior of the Earth	Earth's Surface, The Interior of the Earth, Structure of the Earth, The Earth: A Treasure of Rocks Materials, Minerals
			4.Air Around Us	Structure of the Atmosphere, Air and its Composition, Pollutants in the Air, Atmospheric Temperature and Pressure, Wind, Mechanism of Rainfall, Monitoring Weather Conditions
			5.Water Surrounding the Earth	The Process of Water Cycle, Various Movement of Ocean Water, Importance of Oceans to Man, Case Study of Tsunami
8		<b>November</b>	6.Life on the Earth	The Plant Kingdom, Tropical Hardwood Forests, Grasslands, Deserts, Temperate Softwood Forests, The Animal Kingdom, Human Impact on the Ecosystem
			7.Human Environment (Settlement ,Transport and Communication)	Settlement, Factors Responsible for Permanent Settlement, Transport and Communication, Modes of Transport, Communication
			8.Land and the People	Life In Deserts, Life in Temperate Grasslands, Life in Tropical and Sub-tropical Forest Regions, Ganga-Brahmaputra Basin
9		<b>December</b>	Revision	
10		<b>January</b>	Revision	
11		<b>February</b>	Revision	
12		<b>March</b>	Revision	
1	नैतिक शिक्षा	अप्रैल	ईशस्तुति धर्म के लक्षण	पाठ वाचन,शब्दार्थ ,प्रश्न उत्तर
2		मई	आर्य समाज के नियम अभियान गीत	पाठ वाचन,शब्दार्थ ,प्रश्न उत्तर



			व्यायाम गीत	
3		जून	ग्रीष्मकालीन अवकाश	
4		जुलाई	सत्संग का महत्व उठ जाग मुसाफिर सत्संग का महत्व	पाठ वाचन, शब्दार्थ, प्रश्न उत्तर
5		अगस्त	योग और उसके अंग ईश विनय स्वामी श्रद्धानंद	पाठ वाचन, शब्दार्थ, प्रश्न उत्तर
6		सितंबर	महात्मा हंसराज स्वामी दर्शनानंद आर्य पथिक पंडित लेख राम	पाठ वाचन, शब्दार्थ, प्रश्न उत्तर
7		अक्टूबर	उद्घोष हम दयानंद के मेरा देश रोगी को नहीं	पाठ वाचन, शब्दार्थ, प्रश्न उत्तर
8		नवंबर		पाठ वाचन, शब्दार्थ, प्रश्न उत्तर
9		दिसंबर	संध्या तथा दैनिक हवन यज्ञ की आरती व शांति पाठ	पाठ वाचन, शब्दार्थ, प्रश्न उत्तर
10		जनवरी	दोहराई	
11		फरवरी	दोहराई	
12		मार्च	दोहराई	
1	हिंदी	अप्रैल	ज्ञान सागर 1 बारहमासा 2 नाटक में नाटक 3 निर्मला सांप और सियाल	पाठ वाचन, शब्दार्थ, प्रश्न उत्तर, अभ्यास सागर
2		मई	बारहमासा नाटक में नाटक निर्मला सांप और सियाल	पाठ वाचन, शब्दार्थ, प्रश्न उत्तर, अभ्यास सागर
3		जून	ग्रीष्मकालीन अवकाश	
4		जुलाई	4 बातूनी 5 राजू का सपना 6 समय 7 स्कूल की छुट्टियां	पाठ वाचन, शब्दार्थ, प्रश्न उत्तर, अभ्यास सागर
5		अगस्त	8 एवरेस्ट की चुनौती 9 सवाल का जवाब 10 झंडा ऊंचा रहे हमारा	पाठ वाचन, शब्दार्थ, प्रश्न उत्तर, अभ्यास सागर
6		सितंबर	11 उस रात की बात 12 दोहे 13 साहस को सलाम	पाठ वाचन, शब्दार्थ, प्रश्न उत्तर, अभ्यास सागर
7		अक्टूबर	14 एस रामानुज 15 अन्नदाताकृषक 16 देशभक्त पूर्व 17 काकी	पाठ वाचन, शब्दार्थ, प्रश्न उत्तर, अभ्यास सागर

8		नवंबर	18 बाल लीला और कुंडलियां 19 गणेशोत्सव 20 कर्मवीर	पाठ वाचन, शब्दार्थ, प्रश्न उत्तर, अभ्यास सागर
9		दिसंबर	दोहराई	
10		जनवरी	दोहराई	
11		फरवरी	दोहराई	
12		मार्च	दोहराई	
1	संस्कृत	अप्रैल	पाठ 1 बुद्धि एव असमाकम् बलम् पाठ 2 अभ्यासः एव परमो गुरुः पाठरूपाणाः प्रयोगः	पाठकासस्वर वाचन, रिक्तस्थान, 'आम' अथवा 'न', एकपदेन उत्तरत, पूर्णवाक्येन उत्तरत, प्रश्ननिर्माण
2		मई	पाठ 3 उपकारकाः वृक्षाः प्रत्यय, वर्ण विच्छेद	पाठकासस्वर वाचन, 'आम' अथवा 'न', रिक्तस्थान, एकपदेन उत्तरत, पूर्णवाक्येन उत्तरत, प्रश्ननिर्माण
3		जून	ग्रीष्मकालीन अवकाश	
4		जुलाई	पाठ 4 आगच्छ ! भोजनमकर्याम पाठ 5 सुवचनानि धातुरूपाणां, शब्दरूपाणां प्रयोगः	पाठकासस्वर वाचन, 'आम' अथवा 'न', रिक्तस्थान, एकपदेन उत्तरत, पूर्णवाक्येन उत्तरत, प्रश्ननिर्माण
5		अगस्त	पाठ 6 यस्य बुद्धिः तस्य बलम् पाठ 7 बुद्धिः एव उत्तमा प्रत्यय, विशेष्यविशेषण,	पाठकासस्वर वाचन, 'आम' अथवा 'न', रिक्तस्थान, एकपदेन उत्तरत, पूर्णवाक्येन उत्तरत, प्रश्ननिर्माण
6		सितंबर	पाठ 8 अविवेकः परमापदापदम् सर्वनामपद, कारकपरिचयः, संधि, संख्यावाची शब्द, अव्ययपदानि	पाठकासस्वर वाचन, 'आम' अथवा 'न', रिक्तस्थान, विलोमशब्द, पर्यायवाची शब्द, एकपदेन उत्तरत, पूर्णवाक्येन उत्तरत, प्रश्ननिर्माण
7		अक्तूबर	पाठ 9 बुद्धिमान गोपालकः उपसर्ग, उपपद विभक्त, विशेष्य - विशेषण	पाठकासस्वर वाचन, रिक्तस्थान, 'आम' अथवा 'न', रिक्तस्थान, एकपदेन उत्तरत, पूर्णवाक्येन उत्तरत, प्रश्ननिर्माण
8		नवंबर	पाठ 10 मधुरचनानि संधि, पत्र लेखन, संख्यावाची शब्द, अपठितगद्यांश	पाठकासस्वर वाचन, 'आम' अथवा 'न', रिक्तस्थान, एकपदेन उत्तरत, पूर्णवाक्येन उत्तरत, प्रश्ननिर्माण, विलोम शब्द, पर्यायवाची शब्द
9		दिसंबर	दोहरानकार्य	
10		जनवरी	दोहरानकार्य	
11		फरवरी	दोहरानकार्य	
12		मार्च	दोहरानकार्य	