

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

				<ul style="list-style-type: none"> • Traditional Costumes • Awards and Accolades • Best Indian Brand Slogans • Fact File • Test Your Wisdom
7		October	Math Magic	<ul style="list-style-type: none"> • Tricks with Fingers • Networking • Hunt the Hidden Fingers • Matchstick Puzzles • What Comes Next • Magic squares • Missing Numbers • Guess the Shape • Know Your Measure • International Shopping
8		November	Math Magic Sports and Games	<ul style="list-style-type: none"> • Scratch Your Head • Formulae Can Be Fun • Fact File • Test Your Wisdom • Check- Mate • Terrific Tennis • Indian Tennis Stars • The Game of Skill • Our National Game
9		December	Sports and Games ⁶	<ul style="list-style-type: none"> • Our Hockey Stars • Yoga - The Spirit of Life • The Everest Story • Adventure Sports • The Carrom Connection • Basketball is the Best • International Stadiums • Fact File • Test Your Wisdom
10		January	Revision	
11		February	Revision	
12		March	Revision and final Examination	
1	Science	April	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 manure and fertilizers. 2. Nutrition 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		May	<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		June	Summer Vacation	
4		July	<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		August	<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		September	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		October	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		November	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		December	13 Weather, Climate and adaptation of animals.	13 Weather, Climate and adaptation of animals: Weather, climate, adaptations of various organisms
10		January	Revision	
11		February	Revision	
12		March	Revision And Final Examination	
1.	ENGLISH Literature English practice	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.	English literature	May	Chapter-3 : A Hero Chapter-4 : Fight, Manju, fight!	Explanation of the chapter ,about the author, keywords, question answer, life

	Reader book Practice Book		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.	English literature Reader book Practice Book	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.	English literature Reader book Practice Book	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.	English literature Reader book Practice Book	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.	English literature Reader book Practice Book	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.	English literature Reader book Practice Book	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	Art	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	Social Science	April	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		May	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		June	Summer Vacation	
4		July	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		August	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		September	16.Emergence of Independent States	Bengal, Awadh, Hyderabad, Sikhs, Marathas, Rajputs, Mysore
			17.Major Religions	Islam, Sikhism, Bhakti Movement, Sufism
7		October	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		November	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		December	Revision	
10		January	Revision	
11		February	Revision	
12		March	Revision	
1	नैतिक शिक्षा	अप्रैल	ईस्तुति धर्म के लक्षण	पाठ वाचन,िब्दार्म प्रश्नउत्तर
2		ई	आर्म सर्ाज के तनर् अतिर्ान गीि	पाठ वाचन,िब्दार्म प्रश्नउत्तर

			व्यार्ार् गीि	
3		जून	ग्रीष्मकालीन अवकाि	
4		जुलाई	सत्संग का र्हत्व उठ जाग रुसातिर सत्संग का र्हत्व	पाठ वाचन,िब्दार्म प्रश्नउत्तर
5		अगस्त	रोग और उसके अंग र्ई तवनर् स्वार्ी श्रद्धानंद	पाठ वाचन,िब्दार्म प्रश्नउत्तर
6		तसिंबर	र्हात्मा हंसराज स्वार्ी दिमनानंद आर्म पतर्क पंतिि लेख रार	पाठ वाचन,िब्दार्म प्रश्नउत्तर
7		अक्टू बर	उद् घोष र्हर दर्ानंद केर्ेरा देि रोगी को नहीं	पाठ वाचन,िब्दार्म प्रश्नउत्तर
8		नवंबर		पाठ वाचन,िब्दार्म प्रश्नउत्तर
9		तदसंबर	संध्या िर्ा दैतनक हवन र्ज्ञ की आरीि व िांति पाठ	पाठ वाचन,िब्दार्म प्रश्नउत्तर
10		जनवरी	दोहराई	
11		ि र व री	दोहराई	
12		र्ाचम	दोहराई	
1	तहंदी	अप्रैल	ज्ञान सागर 1बारहरासा 2नाटक रेेेे नाटक 3तनर्मला सांप और तसर्ाल	पाठ वाचन, िब्दार्म, प्रश्नउत्तर,अभ्यास सागर
2		ई	बारहरासा नाटक रेेेेे नाटक तनर्मला सांप और तसर्ाल	पाठ वाचन, िब्दार्म, प्रश्नउत्तर,अभ्यास सागर
3		जून	ग्रीष्मकालीन अवकाि	
4		जुलाई	4 बािूनी 5 राजू का सपना 6 सर् 7 स्कू ल की छु तिर्ां	पाठ वाचन, िब्दार्म, प्रश्नउत्तर,अभ्यास सागर
5		अगस्त	8 एवरेस्ट की चुनौिी 9 सवाल का जवाब 10 झंिा ऊं चा रहे र्हारा	पाठ वाचन, िब्दार्म, प्रश्नउत्तर,अभ्यास सागर
6		तसिंबर	11 उस राि की बािि 12 दोहे 13 साहस को सलार्	पाठ वाचन, िब्दार्म, प्रश्नउत्तर,अभ्यास सागर
7		अक्टू बर	14 एस रार्ानुज 15 अन्नदाििकृ षक 16 देििक्त पूवम 17 काकी	पाठ वाचन, िब्दार्म, प्रश्नउत्तर,अभ्यास सागर

8		नवंबर	18 बाल लीला और कुं ितलर्ां 19 गणेोत्सव 20 कर्मवीर	पाठ वाचन, िब्दार्म, प्रुत्तर, अभ्यास सागर
9		तदसंबर	दोहराई	
10		जनवरी	दोहराई	
11		रिवरी	दोहराई	
12		र्ाचम	दोहराई	
1	संस्कृ ि	अप्रैल	पाठ 1 बुुद्ध एव असु र्ाकर् बलर् पाठ 2 अभ्यासु: एव परर्ो गुरः पािुरुपाणाःप्रर्ोगः	पाठकासस्वर वाचन , ररक्तस्रान , 'आर् अर्वा'न' , एकपदेन उतु ि रि , पूणमवाक्येन उतु ि रि , प्रुत्तरांमण
2		ई	पाठ 3 उपकारकाःवृक्षाः प्रत्यर् , वर्ण त्कच्छे द	पाठकासस्वर वाचन , 'आर्'अर्वा'न' , ररक्तस्रान , एकपदेन उि रि , पूणमवाक्येन उतु ि रि , प्रुत्तरांमण
3		जून	ग्रीष्मकालीन अवकाि	
4		जुलाई	पाठ 4 आगच्छ ! िोजनम्कर्ामर् पाठ 5 सुवचनातन धािुरुपाणां , िब्दरूपाणांप्रर्ोगः	पाठकासस्वर वाचन , 'आर्' अथवा 'न' , ररक्त सु रान , एकपदेन उतु ि रि , पूणमवाक्येन उतु ि रि , प्रुत्तरांमण
5		अगस्त	पाठ 6 र्स्पुद्धःिस्य बलर् पाठ 7 बुुद्धः एव उतु िर्ा प्रत्यर् , तविष्यतविषण	पाठकासस्वरवाचन , 'आर्'अर्वा'न' , ररक्तस्रान , एकपदेन उतु ि रि , पूणमवाक्येन उतु ि रि , प्रुत्तरांमण
6		तसिंबर	पाठ 8 अववुे क : परर्ापदापदर् सवमनार्पद , कारकपररर्ः , संवि , संख्यावाची िब्द , अव्यर्पदातन	पाठकासस्वरवाचन , 'आर्'अर्वा'न' , ररक्तस्रान , ववलोरिब्द , पर्ाणर्वाची िब्द , एक पदेन उतु ि रि , पूणमवाक्येन उतु ि रि , प्रुत्तरांमण
7		अक्तूबर	पाठ 9 बुुद्धर्ान गोपालकः उप्साम , उपपद ववभक्त , ववशेषु र् - तविषण	पाठकासस्वर वाचन , ररक्त सु रान , 'आर्' अर्वा'न' , ररक्तस्रान , एकपदेन उतु ि रि , पूणमवाक्येन उतु ि रि , प्रुत्तरांमण
8		नवंबर	पाठ 10 धुर्चनातन संतध , फ्र लुे खन , संख्यावाचीिब्द , अपतठिगद्ांि	पाठकासस्वर वाचन , ' आर्' अर्वा'न' , ररक्त सु रान , एकपदेन उतु ि रि , पूणमवाक्येन उतु ि रि , प्रुत्तरांमण , ववलोरिब्द , पर्ामर्वाचीिब्द
9		तदसंबर	दोहरानकार्म	
10		जनवरी	दोहरानकार्म	
11		रिवरी	दोहरानकार्म	
12		र्ाचम	दोहरानकार्म	