

DAV PUBLIC SCHOOL ,PROFESSOR COLONY, YAMUNANAGAR
SYLLABUS 21-22

CLASS : XII

SUBJECT: ENGLISH

TEACHER: VANDNA SHARMA

MONTH	WORKING DAY	CONTENTS	EXPERIENTIAL LEARNING ACTIVITIES (Chapter wise)	ART INTEGRATED ACTIVITIES
APRIL	15	Book- Flamingo Ch.1. The Last Lesson Ch.2. Lost Spring Poem 1. My Mother at sixty-six Writing skills: Notice, Invitation and replies.	<ul style="list-style-type: none"> *Discussion, debate, etc. * to think critically and try to provide solution/suggestions. * Locate sequence of ideas, events and identify the main idea. * Raise questions based on their understanding use ICT to collect information for project *Videos, ppts, sharing examples from day to day life *Roleplay activity *post-reading activity **Quizzes *Word game *'Guess who am I'(PROSE) *Match *(Word of the day) *Scattergories * padlet.com- format and coherence of writing skills 	<ul style="list-style-type: none"> *Concept maps and Mind maps(lit.) *Videos *Anki cards for vocabulary and themes of the chapters (lit.) *Ppt/slideshow *Mini dictionary * Music- songs(poetic devices) *Infographic making- sketches, drawing, painting Arts Exhibition Photography Slideshow/ PPTs Paper Quilling/ Papier Mache/ Beads/ Grains etc. Designing through Photoshop / and other Apps Sketching Sculpture / Clay Modeling Dance Performance Creating Art Reservoir using waste material Beautifying room/ space/ building Choreography Brochure/Flyer /Document Making Musical Presentation of any form Textile Designing Cartooning

				Infographic Making Talks/ Lectures on Art
MAY	18	Book- Flamingo Ch. 3 Deep Water Ch.4 The Rattrap Poem 2 An Elementary School Class.... Book- Vistas Ch.1 The Third Level Poster, Note making and Summary	*Videos, ppts, sharing examples from day to day life to sensitize the students towards ethics and moral values. * to think critically and try to provide solution/suggestions. Locate sequence of ideas, events and identify the main idea. Raise questions based on their understanding use ICT to collect information for project	Drawing or experiences or opinions of the students about phobia, the world, poverty/ deprived society and the worries of modern society.
UT-1 (MAY)				
JULY	18	Book- Vistas Ch.2 The Tiger King Ch. 3 The Journey to the End Of The Earth. Ch.4 The Enemy Book- Flamingo Poem 3. Keeping Quiet Writing skills: Article Writing and Speech writing	*Videos, sharing stories on Patriotism, freedom fighters and great, wise and successful people and their secrets. (Emphasis on introspection and humanitarianism)	Music, meditation and introspection
UT-2 (JULY)				
AUGUST	23	August Book Vistas: Ch. 5 (Should Wizard...) Book-Flamingo: Poem 4 (A Thing of Beauty...) Letter writing Unseen passages, ASL activities.	*Sharing self experiences, interests and opinions. *ASL activities- Skippy APP	*ASL activities- Skippy APP (Ted Talks, motivational and educational videos and speeches)

Term-1 Syllabus (60%) to be completed
by 15th August

SEPTEMBER	10	REVISION & EXAMINATION		
OCTOBER	21	Book- Flamingo: Ch.5 Indigo Ch. 6 Poets and Pancakes Ch.7 The Interview Book Vistas: Ch.6 (On the face of it Writing skills: Report writing ASL activities	*Legal terminology- Indigo * To write one's complexes on a paper and overcome it. *Padlet.com- report	Scattergories
NOVEMBER	20	Unseen passages Book-Vistas: Ch.7 (Evans tries an...) Ch. 8 Memories of Childhood Book- Flamingo: Poem 5 A Roadside Stand Poem 6 (Aunt Jennifer's Tigers) Advertisements Debate Writing	*For analytical paragraphs- topic of students' interest. *Case study- Women vs Men- status in the society. *Newspapers, magazines- W.S	Movie- Sholay (Evans tries..) Drawing, catchy captions and phrases to Advertise the products of students' interest.
Annual Exams Syllabus to be completed by 20 th November 2021				
DECEMBER	26	Book Flamingo Ch.8 Going Places Posters and Advertisements and Revision	*Collect posters and display advertisements published in the newspapers *Collect a few posters from outside *Make a list of common slogans, jingles, quotations and captions used in these posters and display advertisements *Make a collection of commonly used simple drawings and match stick drawings *Reading Newspapers and magazines.	
JANUARY		Revision + Pre Board 2		

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CLASS : XII COMMERCE

SUBJECT: ACCOUNTANCY

TEACHER: MS. SEEMA TALWAR

MONTH	WORKING DAY	CONTENTS	EXPERIENTIAL LEARNING ACTIVITIES (Chapter wise)	ART INTEGRATED ACTIVITIES
APRIL	15	Non profit organizations ...meaning, features, difference in npo&pmo ,financial statements & practical ques , fund base accounting questions. Partnership fundamentals .	How to prepare income & expenditure account & balance sheet in npos .	Quiz , crossword puzzle.
MAY	18	Change in profit sharing ratio, admission of a partner, Retirement of a partner.	How To prepare profit and loss appropriation a/c , revaluation account at the time of reconstitution.	Mind maps , flow chart,
UT-1 (MAY)				
JULY	18	Death of a partner, dissolution of partnership firm	How to make realization a/c . How accounts are settled in case of death of a partner.	Ppt , puzzle.
UT-2 (JULY)				
AUGUST	23	Cash flow statement . Revision of completed topics .	To understand about cash inflows and outflows.	Mapping, word finding games.
Term-1 Syllabus (60%) to be completed by 15 th August				
SEPTEMBER	10	EXAMINATION		
OCTOBER	21	Financial account of companies , analysis of financial statements, comparative statements ,ratio analysis.	Vertical order of balance sheet as per schedule III .	Ppt , mind map. ,quiz
NOVEMBER		Issue of shares, debentures.	How to make entries in issue of shares and	Flow charts

	20		forfeiture etc. .	
Annual Exams Syllabus to be completed by 20 th November 2021				
DECEMBER	26	Revision + Pre Board 1		
JANUARY		Revision + Pre Board 2		

CLASS : XII COMMERCE

SUBJECT: B.STUDIES

TEACHER: S.TALWAR

MONTH	WORKING DAY	CONTENTS	EXPERIENTIAL LEARNING ACTIVITIES (Chapter wise)	ART INTEGRATED ACTIVITIES
APRIL	15	Nature & significance of management ,principles of management, scientific management.	Management meaning & how to use principles in daily life.	Ppt , mind maps , flow chart.
MAY	18	Business environment, planning, organizing.	Environment is necessary to understand and planning procedure and how to organize.	Flow charts ,quiz ,bingo
UT-1 (MAY)				
JULY	18	Staffing , Directing	Students understood the meaning of recruitment, selection & training. Elements of direction and leadership styles.	Ppt , mind maps, puzzle , mixing and matching.
UT-2 (JULY)				
AUGUST	23	Controlling	Why controlling is done ? How to control and when to control ,?	Charts ,ppt , flow charts .
Term-1 Syllabus (60%) to be completed by 15 th August				
SEPTEMBER	10	EXAMINATION		

OCTOBER	21	Financial management , financial markets.	Meaning of financial management, major decisions of F.M. , Working capital management. ,financial markets, primarymarket ,stock exchange.	Crossword puzzle, mind maps, ppt .
NOVEMBER	20	Marketing management, consumer protection	Marketing and selling difference , functions of marketing, consumer protection and judicial machinery for redress.	Ppt , charts , mind maps , quiz ,extemporaneous.
Annual Exams Syllabus to be completed by 20 th November 2021				
DECEMBER	26	Revision + Pre Board 1		
JANUARY		Revision + Pre Board 2		

CLASS : XII

SUBJECT: MATHEMATICS

TEACHER:ABHISHEK

MONTH	WORKING DAY	CONTENTS	EXPERENTIAL LEARNING ACTIVITIES (Chapter wise)	ART INTEGRATED ACTIVITIES
APRIL	15	Chapter 3 MATRIX Chapter 4 DETERMINANT	1. Demonstrate how to add ,subtract ,multiply matrix . 2. Solving system of linear equations using matrix .	

MAY	18	Chapter 2 INVERSE TRIGONOMETRY FUNCTION Chapter 5 CONTINUITY ,DIFFERENTIABILITY,DERIVATIVE.	1.Definition of derivative Match up activity 2.Graph identification activity .	
UT-1 (MAY)				
JULY	18	Chapter 1 RELATION AND FUNCTION Chapter 6 APPLICATION OF DERIVATIVE	1. One one and onto function activity. 2.Maximum and minimum function activity .	Curve sketching
UT-2 (JULY)				
AUGUST	23	CHAPTER 12 LPP CHAPTER 7 INDEFINITE INTEGRATION .	1. Solve linear inequalities graphically 2. Match up activity	Sketching graph
Term-1 Syllabus (60%) to be completed by 15 th August				
SEPTEMBER	10	EXAMINATION		
OCTOBER	21	CHAPTER 7 DEFINITE INTEGRATION CHAPTER 8 AREA UNDER THE CURVE (A.O.I) CHAPTER 9 DIFFERENTIAL EQUATION.	How to find area by using integration .	

NOVEMBER	20	CHAPTER 10 VECTORS CHAPTER 11 THREE DIMENSIONAL GEOMETRY CHAPTER 13 PROBABILITY	area of triangle by using vector	
DECEMBER	26	REVISION		

CLASS : XII

SUBJECT: ECONOMICS

TEACHER: ANOOP KUMAR

MONTH	WORKING DAY	CONTENTS	EXPERIENTIAL LEARNING ACTIVITIES (Chapter wise)	ART INTEGRATED ACTIVITIES
APRIL	15	Chapter-Introduction Macroeconomics Chapter-National Income and related Aggregates	#Discussion and Debate. #To Think critically to form a judgement. #Formulas of NY in different forms.	#Flow Charts of the Formula of National income #Information from Newspaper and magazines
MAY	18	Chapter-Money and Banking Chapter-Determination of Income and Employment	#Sharing Self experience and ideas. #Sharing examples from daily life. #To learn by their Experiences in field visit.	#Mind Mapping #Art Exhibition
UT-1 (MAY)				
JULY	18	Chapter-Government Budget and the Economy	#Learning through interaction and experience. #By showing particular institutional work.	#Flow charts #Videos #PPT
UT-2 (JULY)				

AUGUST	23	Chapter-Balance of Payments Development Experience (1947-90) and Economic Reforms since 1991	#Sharing Self experience ideas and experience. #Sharing examples from daily life.	#Diagrams #PPt #Videos #Information from Newspaper and magazines
Term-1 Syllabus (60%) to be completed by 15 th August				
SEPTEMBER	10	EXAMINATION		
OCTOBER	21	Current Challenges facing Indian Economy	#Sharing Self experience ideas and experience. #Sharing examples from daily life. #Case Study and Questioning.	#PPt #Flow chats regarding different Topics
NOVEMBER	20	Development Experience of India – A Comparison with Neighbors	#Discussion Debate and Comparison	#PPt #Pictures and interesting Facts about Indian Economy
Annual Exams Syllabus to be completed by 20 th November 2021				
DECEMBER	26	Revision + Pre Board 1		
JANUARY		Revision + Pre Board 2		

February & March – Revision + Board Exams

CLASS : XII

SUBJECT:INFORMATICS PRACTICES

TEACHER: MS. RAMAN AHUJA

MONTH	WORKING DAY	CONTENTS	EXPERENTIAL LEARNING ACTIVITIES (Chapter wise)	ART INTEGRATED ACTIVITIES
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APRIL	15	<p>Database Query using SQL Math functions: POWER (), ROUND (), MOD ().</p> <p>Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING ()/SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM ().</p> <p>Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME ().</p> <p>Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*)</p> <p>. Querying and manipulating data using Group by, Having, Order by.</p> <p>Operations on Relations - Union, Intersection, Minus, Cartesian Product, JOIN(Cartesian, Equi, Natural)</p>	Practical Programs	PPT
MAY	18	<p>Python Numpy</p> <p>Data Handling using Pandas -I Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and Data Frames. Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; series attributes; Head and Tail functions; Selection, Indexing and Slicing.</p>	Practical Programs Project Work	Project Work
UT-1 (MAY)				
JULY	18	<p>Data Frames: creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing; Joining, Merging and Concatenation. Importing/Exporting Data between CSV files and Data Frames.</p> <p>Data handling using Pandas – II Descriptive Statistics: max, min, count, sum, mean, median, mode, quartile, Standard deviation, variance.</p> <p>DataFrame operations: Aggregation, group by, Sorting, Deleting and Renaming Index, Pivoting.</p>	Practical Programs Project Work	Project Work

		Handling missing values – dropping and filling. Importing/Exporting Data between MySQL database and Pandas.		
UT-2 (JULY)				
AUGUST	23	Data Visualization: Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram, pie chart, frequency polygon, box plot and scatter plot. Customizing plots: color, style (dashed, dotted), width; adding label, title, and legend in plots.	Practical Programs Project Work	Project Work
Term-1 Syllabus (60%) to be completed by 15 th August				
SEPTEMBER	10	EXAMINATION		
OCTOBER	21	Introduction to Computer Networks Introduction to networks, Types of network: LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh. Introduction to Internet, URL, WWW and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website. Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.	Practical Programs	PPT Sketching
NOVEMBER	20	Unit 4: Societal Impacts Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open source software (FOSS), cybercrime and cyber laws,	Practical Work Project Work	Role Play Infographic

		hacking, phishing, cyber bullying, overview of Indian IT Act. Ewaste: hazards and management. Awareness about health concerns related to the usage of technology.		
Annual Exams Syllabus to be completed by 20 th November 2021				
DECEMBER	26	Revision + Pre Board 1		
JANUARY		Revision + Pre Board 2		

February & March – Revision + Board Exams

CLASS :XII

SUBJECT: PHYSICAL EDUCATION

TEACHER: DEVENDER SINGH

MONTH	WORKING DAY	CONTENTS	EXPERENTIAL LEARNING ACTIVITIES (Chapter wise)	ART INTEGRATED ACTIVITIES
APRIL	15	UNIT 1 PLANNING IN SPORTS		
MAY	18	UNIT 2 SPORTS AND NUTRITION UNIT 3 YOGA AND LIFESTYLE		
UT-1 (MAY)				
JULY	18	UNIT 4 PHYSICAL EDUCATION AND SPORTS FOR CWSN UNIT 5 CHILDREN AND WOMEN IN SPORTS.		
UT-2 (JULY)				
AUGUST	23	UNIT 6 TEST AND MEASUREMENT IN SPORTS UNIT 7 PHYSIOLOGY AND INJURIES IN SPORTS		
Term-1 Syllabus (60%) to be completed by 15 th August				

SEPTEMBER	10	EXAMINATION		
OCTOBER	21	UNIT 8 BIOMECHANICS AND SPORTS UNIT 9 PSYCHOLOGY AND SPORTS		
NOVEMBER	20	UNIT 10 TRAINING IN SPORTS.		
DECEMBER	26			

Annual Exams Syllabus to be completed by 10th December 2021

January - Revision + UT 4

February & March – Revision + Exams

CLASS :XII

SUBJECT: MUSIC

TEACHER: SUNNY CHOPRA

MONTH	WORKING DAY	CONTENTS	EXPERENTIAL LEARNING ACTIVITIES (Chapter wise)	ART INTEGRATED ACTIVITIES
APRIL	15	Alankar, kan, meend, khatka,Murki,Tanpura		
MAY	18	Gamak, Grama, Murchana, Alap,Tana, Time Theory of Ragas		
UT-1 (MAY)				
JULY	18	Sangeet Ratnakar, Sangeet Parijata		
UT-2 (JULY)				

AUGUST	23	Talas- Jhaptal, Rupak, Dhamar, Raga Bageshri	Chart Work	
Term-1 Syllabus (60%) to be completed by 15 th August				
SEPTEMBER	10	EXAMINATION		
OCTOBER	21	Raga Malkauns, Raga Bhairav		
NOVEMBER	20	Revision of Tanpura, Talas, Ragas	Chart Work	
DECEMBER	26	Revision+ PreBoard		

Annual Exams Syllabus to be completed by 10th December 2021

January - Revision + UT 4

February & March – Revision + Exams