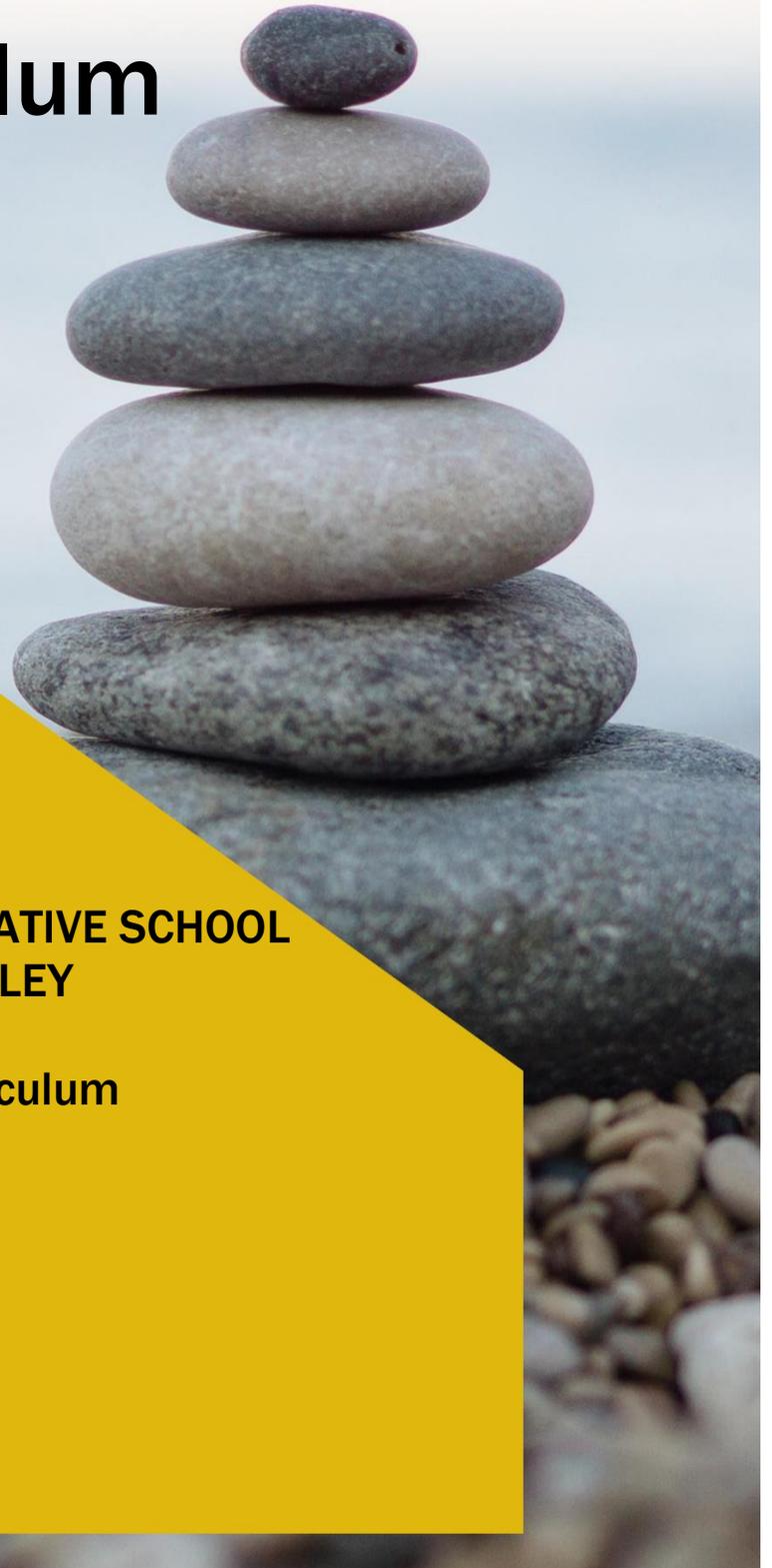


Grade XII Curriculum



**DLF QEC INNOVATIVE SCHOOL
RIDGE VALLEY**

**Annual Curriculum
2023-24**

CONTENT

- English
- Physics
- Chemistry
- Mathematics
- Biology
- Computer science
- Economics
- Accountancy
- Business Studies
- Political science
- Legal Studies
- History
- Sociology
- Psychology
- Painting
- Physical Education
- Home Science

ENGLISH

Month	TOPICS /CHAPTERS TO BE COVERED
April	My Mother at Sixty Six, The Last Lesson, Lost Spring Formal/ Informal Invitations and Reply
May	The Tiger King , The Third Level Deep Water
July	The Rattrap, Magazine/ Newspaper Report Job Application with Bio Data
August	Keeping Quiet, Indigo
September	A Thing of Beauty, On the face of it The Enemy,
October	Going Places, A Roadside Stand Aunt Jennifer's Tigers
November	Journey to the End of the Earth, Memories of Childhood (The Cutting of My Long Hair & We Too are Human Beings) The Interview Part I & II, Poets & Pancakes
December	Revision
January	Revision
February	Revision
March	Board Exams

RIDGE VALLEY
NURTURING EXCELLENCE

PHYSICS

Month	TOPICS /CHAPTERS TO BE COVERED
April	Electric charge and fields Electric potential and capacitance
May	Current electricity Moving charges and magnetism
July	Magnetism and matter Electromagnetic induction
August	Alternating current
September	Electromagnetic waves Ray optics and optical instruments
October	Wave optics Dual nature of matter and Radiation
November	Atoms and Nuclei Semiconductors
December	Sample Paper Revision
January	Revision
February	Revision
March	Board Exam

CHEMISTRY

Month	TOPICS /CHAPTERS TO BE COVERED
April	Haloalkanes and Haloarenes, Alcohols Phenols and Ethers
May	Solutions, Electrochemistry
July	Chemical Kinetics, Aldehydes, Ketones and Carboxylic acids
August	Amines, D and F block elements
September	D and F block elements, Coordination Compounds
October	Biomolecules
November	Revision and Practical Work
December	Revision
January	Revision
February	Revision
March	Board Exam

RIDGE VALLEY
NURTURING EXCELLENCE

MATHEMATICS

Month	TOPICS /CHAPTERS TO BE COVERED
April	MATRICES, DETERMINANTS, RELATIONS AND FUNCTIONS,
May	INVERSE TRIGONOMETRIC FUNCTIONS, CONTINUITY AND DIFFERENTIABILITY, APPLICATION OF DERIVATIVES
July	INTEGRATIONS, APPLICATION OF INTEGRATIONS,
August	DIFFERENTIAL EQUATIONS, LINEAR PROGRAMMING PROBLEMS
September	VECTORS ALGEBRA
October	3 D GEOMETRY, PROBABILITY
November	Revision and Practical Work
December	Revision
January	Revision
February	Revision
March	Board Exam

RIDGE VALLEY
NURTURING EXCELLENCE

BIOLOGY

Month	TOPICS /CHAPTERS TO BE COVERED
April	Sexual Reproduction in Flowering Plants, Human Reproduction, Reproductive Health, Inheritance and Variation
May	Inheritance and Variation, Molecular Basis of Inheritance
July	Evolution, Human Health and Diseases, Microbes in Human welfare
August	Biotechnology- Principles and Processes, Biotechnology and its Application, Organisms and Populations
September	Ecosystem, Biodiversity and its Conservation
October	Biodiversity and its Conservation
November	Revision
December	Revision
January	Revision
February	Revision
March	Board Exam

COMPUTER SCIENCE

Month	TOPICS /CHAPTERS TO BE COVERED
April	Revision of Python topics covered in Class XI. Functions
May	Exception Handling Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths Text file
July	Binary File CSV File
August	Data Structure Evolution of networking Data communication terminologies Transmission media
September	Network devices Network topologies and Network types: Network protocol
October	Introduction to web services: Database concepts: introduction to database concepts and its need Relational data model:
November	Structured Query Language Interface of python with an SQL database:
December	Revision
January	Revision
February	Revision
March	Board Exams

NURTURING EXCELLENCE

ECONOMICS

Month	TOPICS /CHAPTERS TO BE COVERED
April	National Income Accounting
May	Indian Economy on the eve of independence Indian Economy -1950-90: Money and Banking
July	Economic Reforms
August	Aggregate Demand and its components Determination of Income, Employment and Output
September	Current Challenges Facing Economy -Human Capital Formation , Rural Development, Employment and Unemployment
October	Current Challenges Facing Economy - Environment and Sustainable Development Government Budget
November	Foreign Exchange Rate and Balance of payment Development Experience of India Pakistan and China
December	Revision
January	Revision
February	Revision
March	Revision and Board Examination

RIDGE VALLEY
NURTURING EXCELLENCE

ACCOUNTANCY

Month	TOPICS /CHAPTERS TO BE COVERED
April	Fundamentals of partnership Goodwill
May	Admission of a partner
July	Retirement of partner Death of a partner Changing profit sharing ratio
August	Dissolution of the firm Company Accounts issue of shares
September	Company accounts
October	Issue of debentures
November	Cash flow statement
December	Revision
January	Revision
February	Revision
March	Board Exam

RIDGE VALLEY
NURTURING EXCELLENCE

BUSINESS STUDIES

Month	TOPICS /CHAPTERS TO BE COVERED
April	Nature and significance of management
May	Principles of management Introduction of Business environment chapter
July	Marketing Management
August	Consumer Protection Financial Management
September	financial market
October	Planning and Introduction of Organising
November	Staffing Directing and Controlling
December	Revision
January	Revision
February	Revision
March	Board Exam

RIDGE VALLEY
NURTURING EXCELLENCE

POLITICAL SCIENCE

Month	TOPICS /CHAPTERS TO BE COVERED
April	New Centres of Powers Contemporary South Asia
May	International Organisations Security in the Contemporary World Globalisation
July	Environment Challenges of Nation Building Era of One-Party Dominance
August	Politics of Planned Development India's External Relations
September	Challenges and Restoration of the Congress System The Crisis of the Democratic Order
October	Regional Aspirations Recent Developments in the Indian Politics
November	Revision
December	Revision
January	Revision
February	Revision
March	Board Exam

NURTURING EXCELLENCE

LEGAL STUDIES

Month	TOPICS /CHAPTERS TO BE COVERED
April	Judiciary Law of Property
May	Alternative Dispute Resolution in India Law of Contract Intellectual Property Rights
July	Topics in Law
August	Concepts of Human Rights
September	International Law
October	Legal Profession in India Legal Services
November	Revision
December	Revision
January	Revision
February	Revision
March	Board Exam



 RIDGE VALLEY

 NURTURING EXCELLENCE

HISTORY

Month	TOPICS /CHAPTERS TO BE COVERED
April	Beads, Bricks and Bones Kings, Farmers and Towns Kinship, Caste and Class
May	Thinkers, Beliefs and Buildings Through the eyes of the travellers
July	Bhakti-Sufi Movement An Imperial Capital – Vijaya Nagara
August	Peasants, Zamindars and State
September	Revision For 1 st Term Examination
October	Colonialism and Countryside Rebels and Raj
November	Mahatma Gandhi and the Nationalist Movement Framing of the Constitution
December	Revision
January	Revision
February	Revision
March	Board Exam

RIDGE VALLEY
NURTURING EXCELLENCE

SOCIOLOGY

Month	TOPICS /CHAPTERS TO BE COVERED
April	The Demographic Structure of the Indian Society
May	Institutions: Continuity and Change
July	Patterns of Social Inequality and Exclusion
August	The Challenges of Cultural Diversity
September	Structural Change Cultural Change
October	Change and Development in Rural Society
November	Change and Development in Industrial Society
December	Social Movements
January	Revision
February	Revision
March	Board Exam

RIDGE VALLEY
NURTURING EXCELLENCE

PSYCHOLOGY

Month	TOPICS /CHAPTERS TO BE COVERED
April	Variations in Psychological Attributes Concept of Self
May	Personality – Theories and Assessment Practical 1: Raven’s Standard Progressive Matrices (RSPM) Practical 2: Self-Concept Questionnaire (SCQ) Practical 3: Maudsley Personality Inventory (MPI)
July	Meeting Life Challenges Practical 4: Adjustment Inventory for School Students (AISS) Psychological Disorders (Intro)
August	Psychological Disorders Therapeutic Approaches Case Study- Data Collection & Interpretation
September	REVISION MID-TERM EXAMINATION
October	Attitude and Social Cognition Social Influence and Group Processes
November	Practical 5: Sodhi’s Attitude Scale (SAS) REVISION
December	Revision
January	Revision
February	Revision
March	Board exam

PAINTING

Month	TOPICS /CHAPTERS TO BE COVERED
April	The Rajasthani Art of Painting
May	Pahari School Of Art
July	The Mughal School of Art
August	The Deccan School of Art
September	The Bengal school of Art
October	The Modern trends in Indian Art
November	Revision
December	Revision
January	Revision
February	Revision
March	Board exam

RIDGE VALLEY
NURTURING EXCELLENCE

PHYSICAL EDUCATION

Month	TOPICS /CHAPTERS TO BE COVERED
April	Unit I - Management of Sporting Events. Unit II - Children & Women in Sports.
May	Unit III - Yoga as Preventive measure for Lifestyle Disease.
July	Unit IV - Physical Education & Sports for CWSN (Children with Special Needs - Divyang).
August	Unit V - Sports & Nutrition. Unit VI Test & Measurement in Sports.
September	Unit VII Physiology & Injuries in Sports Unit IX Psychology & Sports.
October	Unit IX Psychology & Sports.
November	Unit X Training in Sports
December	Revision
January	Revision
February	Revision
March	Board Exam

RIDGE VALLEY
NURTURING EXCELLENCE

HOME SCIENCE

Month	TOPICS /CHAPTERS TO BE COVERED
April	Work Livelihood and Career Clinical Health and Nutrition Public Health and Nutrition
May	Food Processing and Technology Food Quality and Food safety
July	ECCE
August	Management of Support Service Hospitality Management
September	Revision and Practical week Mid Term Exams
October	Development and Communication Consumer education and Protection
November	Design for fabric and Apparel Fashion Designing and Merchandising
December	Pre board 1 + Practical Exam
January	Pre board 2 + revision
February	Revision
March	Board Exam