

# ARWACHIN INTERNATIONAL SCHOOL

## MONTH WISE ANNUAL SYLLABUS

SESSION:2025-26

CLASS : XII Science

	<b>ENGLISH</b>
MONTH	CHAPTER/TOPIC
MARCH	The Last Lesson Lost Spring
APRIL	Lost Spring My Mother at Sixty-Six Deep Water Notice Writing Report Writing
MAY	The Tiger King Keeping Quiet The Enemy Formal& Informal Invitations Replies of Acceptance & Refusal
JULY	The Rattrap Indigo Aunt Jennifer's Tiger Letter to the Editor -Article writing
AUGUST	A Roadside Stand A Thing of Beauty Memories of Childhood Job Application
SEPTEMBER	The Third Level Going Places
OCTOBER	Journey to the End of the Earth The Interview On the Face of It Poets and Pancakes
NOVEMBER	REVISION
DECEMBER	REVISION
JANUARY	REVISION
FEBRUARY	

	<b>COMPUTER SCIENCE</b>
MONTH	CHAPTER/TOPIC
MARCH	<ul style="list-style-type: none"><li>• Functions</li></ul>
APRIL	<ul style="list-style-type: none"><li>• Functions (Continued)</li><li>• Python revision tour Class XI</li></ul>
MAY	<ul style="list-style-type: none"><li>• Python revision tour Class XI (Continued)</li><li>• Text Files</li></ul>
JULY	<ul style="list-style-type: none"><li>• Text File (Continued)</li></ul>

	<ul style="list-style-type: none"> <li>• Binary File</li> <li>• CSV File</li> </ul>
AUGUST	<ul style="list-style-type: none"> <li>• Stack Data Structure</li> <li>• Database Management</li> </ul>
SEPTEMBER	<ul style="list-style-type: none"> <li>• SQL Interface with Python</li> <li>• Computer Networks</li> </ul>
OCTOBER	<ul style="list-style-type: none"> <li>• Web Services</li> </ul>
NOVEMBER	Revision
DECEMBER	Revision
JANUARY	Revision
FEBRUARY	Revision

<b>ARTIFICIAL INTELLIGENCE</b>	
MONTH	CHAPTER/TOPIC
March	Unit 1: Communication Skills-IV  Unit 2: Self-Management Skills-IV
APRIL	Unit 2: Data Science Methodology: An Analytic Approach to Capstone Project Unit 3: Making Machines See
MAY	Unit 1: Python Programming – II*
JULY	Unit 5: Introduction to Big Data and Data Analytics Unit 6: Understanding Neural Networks
AUGUST	Unit 7: Generative AI Unit 4: AI with Orange Data Mining Tool*
SEPTEMBER	Unit 3: ICT Skills-IV Unit 4: Entrepreneurial Skills-IV Unit 5: Green Skills-IV
OCTOBER	Unit 8: Data Storytelling
NOVEMBER	Revision Preboard exams
DECEMBER	Revision Preboard exams
JANUARY	Revision
FEBRUARY	Revision

<b>MATHEMATICS</b>	
MONTH	CHAPTER/TOPIC
MARCH	Relations and Functions
APRIL	ITF, Matrices, Determinants
MAY	Derivatives, Application of Derivatives
JULY	Integrals
AUGUST	Application of Integrals, Differential Equations
SEPTEMBER	Vectors, Three Dimensional Geometry, LPP
OCTOBER	Probability
NOVEMBER	Revision of PB-1

DECEMBER	Revision of PB-2
JANUARY	Revision and Tests

<b>PHYSICS</b>	
MONTH	CHAPTER/TOPIC
MARCH	Ch-1 electric charges and fields Ch-2 electrostatic potential and capacitance
APRIL	Ch- 3 current electricity Ch-4 moving charges and magnetism
MAY	Ch-5 magnetism and matter Ch- 6 electromagnetic induction
JULY	Ch-7 alternating current Ch-8 electromagnetic waves
AUGUST	Ch-9 ray optics and optical instrument Ch- 10 wave optics
SEPTEMBER	Ch-11 dual nature of radiation Ch-12 atoms
OCTOBER	Ch-13 nuclei ch-14 semiconductor
NOVEMBER	Pre board 1
DECEMBER	Pre board 2
JANUARY	Board practical
FEBRUARY	Board exam

<b>CHEMISTRY</b>	
MONTH	CHAPTER/TOPIC
MARCH	Ch-1 solution
APRIL	Ch-6 Haloalkanes haloarenes and ch-7 alcohol
MAY	Chapter 7- alcohol Ch-8 aldehyde
JULY	Ch-8 aldehyde Ch-9 amines
AUGUST	Ch- 10 biomolecules Ch-2 electrochemistry
SEPTEMBER	Ch- 3 chemical kinetics Ch-4 d and f block
OCTOBER	Ch-5 co-ordination compounds
NOVEMBER	Pre board 1
DECEMBER	Preboard 2
JANUARY	Board practical
FEBRUARY	Board exam

<b>PSYCHOLOGY</b>	
MONTH	CHAPTER/TOPIC
MARCH	CH-2: Self & Personality
APRIL	CH-2: Self & Personality
MAY	CH-4: Psychological Disorders

JULY	CH-1: Variations In Psychological Attributes
AUGUST	CH-3: Meeting Life Challenges CH-5: Therapeutic Approaches
SEPTEMBER	CH-6: Attitude & Social Cognition CH-7: Social Influence & Group Processes
OCTOBER	Revision
NOVEMBER	Revision
DECEMBER	Revision
JANUARY	
FEBRUARY	

	<b>FRENCH</b>
MONTH	CHAPTER/TOPIC
MARCH	Revision of topics done in class 11
APRIL	Leçon – 18 La Bourgogne et les bourguignons
MAY	Leçon-19 En route vers Lyon
JULY	Leçon-20 Jeux d'écoliers
AUGUST	Leçon-21 Joyeux Noël
SEPTEMBER	Leçon-22 Les Alpes
OCTOBER	Leçon-23 La Provence
NOVEMBER	Revision for PB1
DECEMBER	Revision
JANUARY	Revision
FEBRUARY	Revision

	<b>BIOLOGY</b>
MONTH	CHAPTER/TOPIC
MARCH	Sexual reproduction in flowering plants
APRIL	Sexual reproduction in flowering plants, Sexual reproduction in Human being, Reproductive Health
MAY	Reproductive Health, Principles of Inheritance & Variation, Molecular inheritance.
JULY	Molecular inheritance, Evolution, Human Health & Disease.
AUGUST	Human Health & Disease, Biotechnology Tools, Biotechnology and applications.
SEPTEMBER	Biotechnology and applications, Organism & Populations, Population Interactions, Eco System
OCTOBER	Biodiversity & Conservation
NOVEMBER	Revision
DECEMBER	Revision
JANUARY	Revision
FEBRUARY	Revision

<b>ECONOMICS</b>	
MONTH	CHAPTER/TOPIC
MARCH	(Unit-1) National Income Accounting
APRIL	(Unit-1) National Income Accounting
MAY	(Unit3) Determination of Income and Employment
JULY	(Chapter-1) Indian Economy on the eve of Independence (Chapter 2) Indian Economy(1950-90) (Chapter 3) Economic Reforms since 1991 or New Economic Policy
AUGUST	(Unit-2) Money and Banking (Unit 4) Government Budget (Unit5) Foreign Exchange and Balance of Payments
SEPTEMBER	(Chapter 4) Human Capital Formation (Chapter5) Rural Development (Chapter6) Employment and Unemployment
OCTOBER	(Chapter7) Environment and Sustainable Development  (Chapter8) Development Experience of India, China and Pakistan: A Comparison
NOVEMBER	PRE-BOARD EXAMINATION
DECEMBER	REVISION
JANUARY	REVISION
FEBRUARY	REVISION

<b>PAINTING</b>	
MONTH	CHAPTER/TOPIC
MARCH	<u>Miniature Painting</u> : Pala School , Jain School and School of Central India
APRIL	<u>The Rajasthani School</u> : i) Origin and Development (ii) Sub-Schools (iii) Main features of the Rajasthani School The Rajasthani School Appreciation of the following Rajasthani paintings: a) Maru-Ragini Sahibdin Mewar b) Chaugan Players Dana Jodhpur c) Krishna on swing Nuruddin Bikaner d) Radha (Bani- Thani) Nihal Chand Kishangarhe) Bharat Meets Rama at Chitrakuta Guman Jaipur <u>The Pahari School</u> 1. Origin and development 2. Sub-Schools Main features of the Pahari School Appreciation of the following Pahari paintings a) Krishna with Gopis b) Nand, Yashoda and Krishna with Kinsmen going to Vrindavan
MAY	<u>The Mughal School</u> : 1. Origin and development 2. Main features of the Mughal School

	<p>3. Appreciation of the following Mughal Paintings:</p> <ol style="list-style-type: none"> <li>Krishna Lifting Mount Govardhan</li> <li>Falcon on a Bird-Rest</li> <li>Kabir and Raidas</li> <li>Marriage Procession of Dara Shikoh</li> </ol> <p><u>The Deccan School:</u></p> <ol style="list-style-type: none"> <li>Origin and development</li> <li>Main features of the Deccan School</li> <li>Appreciation of the following Deccan paintings: <ol style="list-style-type: none"> <li>Ragini Pat Hamsika, Ahmadnagar</li> <li>Hazrat Nizamuddin Auliya and Amir Khusro,</li> <li>Hyderabad</li> </ol> </li> <li>Chand Bibi Playing Polo (Chaugan) Golconda</li> </ol>
JULY	<p><u>The Bengal School of Painting:</u></p> <ol style="list-style-type: none"> <li>National Flag of India and the Symbolic significance of its forms and the colours.</li> <li>Introduction to the Bengal School of Painting <ol style="list-style-type: none"> <li>Origin and development of the Bengal School of Painting</li> <li>Main features of the Bengal School of Painting</li> <li>Contribution of Indian artists in the struggle for National Freedom movement</li> </ol> </li> </ol> <p>Appreciation of the following paintings of the Bengal school:</p> <ol style="list-style-type: none"> <li>Journey's End – Abanindranath Tagore</li> <li>Shiv and Sati- Nandla Bose</li> <li>Radhika - M.A.R.Chughtai</li> <li>Meghdoot - Ram Gopal Vijayvargiya</li> </ol>
AUGUST	<p><u>The Modern trends in Indian Art</u></p> <p>Art Appreciation of the of the following contemporary (Modern) Indian Art</p> <ol style="list-style-type: none"> <li>(Paintings): <ol style="list-style-type: none"> <li>Rama Vanquishing the Pride of the Ocean</li> <li>Mother and child</li> <li>Haldi Grinders</li> <li>Mother Teresa</li> </ol> </li> <li>Graphic - prints: <ol style="list-style-type: none"> <li>Children</li> <li>Devi</li> <li>Of Walls</li> <li>Man, Woman and Tree</li> </ol> </li> <li>Sculptures: <ol style="list-style-type: none"> <li>Triumph of Labour</li> <li>Santhal Family –Ramkinkar Baij</li> <li>Cries Un - heard</li> <li>Ganesha</li> </ol> </li> </ol>
SEPTEMBER	Revision
OCTOBER	Revision
NOVEMBER	Revision
DECEMBER	Revision

JANUARY	Revision
FEBRUARY	Revision
	Physical Education-
MONTH	CHAPTER/TOPIC
MARCH	Unit-1 Management of sporting events
APRIL	Unit-2 Children and women in sports. Unit 3 Yoga as preventive measures for life style disease
MAY	Unit-4 Physical education and sports for CWSN Unit -5 Sports and Nutrition
JULY	Unit-6 Test and Measurement in sports. Unit -7 Physiology and injuries in sports UNIT TEST-1
AUGUST	Unit-8 Biomechanics and Sports
SEPTEMBER	Unit-9 Psychology and sports
OCTOBER	Unit -10-Training in sports. Revision-preboard-1
NOVEMBER	Preboard-1
DECEMBER	
JANUARY	
FEBRUARY	