

# YAK PUBLIC SCHOOL

**ANNUAL PLAN 2023-24**

**Grade XII**

**Subjects**

MONTH	ENGLISH (301)	MATHEMATICS (041)	PHYSICS (042)	CHEMISTRY (043)	BIOLOGY (044)	PHYSICAL EDUCATION (048)	COMPUTER SCIENCE(083 New)
APRIL	<p><b>Section A :</b> Reading Comprehension Passage</p> <p><b>Section B :</b> Notice writing, Application for Job</p> <p><b>Section C :</b> The Last Lesson, The lost spring My Mother at Sixty- Six, Keeping Quiet, Aunt Jennifer’s tiger The Third Level The Tiger King</p>	<p>5.CONTINUITY &amp; DIFFERENTIABILITY (Contd.)</p> <p>Chapter 2: Inverse Trigonometric Functions</p> <p>Chapter 3: Matrices</p> <p>Chapter 4: Determinants</p>	<p>UNIT 1 ELECTROSTATICS</p> <p>UNIT 2 CURRENT ELECTRICITY</p>	<p>Chapter 1 Solution</p> <p>Chapter 2 Electrochemistry</p>	<p>Chapter 1 : Sexual Reproduction in Flowering Plants</p> <p>Chapter 2 : Human Reproduction</p>	<p><b>THEORY</b></p> <p>Ch-1: Planning in sports Ch-2: Sports and Nutrition</p>	<p>Unit I: Computational Thinking and Programming - 2</p> <ul style="list-style-type: none"> <li>• Revision of the basics of Python covered in Class XI.</li> <li>• Functions</li> <li>• File handling: text, binary, CSV</li> </ul>
MAY	<p><b>Section A :</b> Reading Comprehension Passage</p> <p><b>Section B :</b> Letter to Editor</p> <p><b>Section C : An Elementary school classroom in a slum</b></p>		<p>UNIT 2 CURRENT ELECTRICITY</p>	<p>Chapter 2 Electrochemistry</p>	<p>Chapter 2 : Human Reproduction</p>	<p><b>THEORY</b></p> <p>Ch-3: Yoga and Lifestyle</p> <p><b>PRACTICAL: -</b> Lifestyle Diseases (Obesity and Diabetes) Related asanas</p>	

JUNE	<p><b>Section A :</b> Reading Comprehension Passage</p> <p><b>Section B :</b> Article writing</p> <p><b>Section C :</b> Deep Water, The rat trap, Things of Beauty The Enemy. Should wizard hit Mommy</p>	<p>Chapter 10 : Vector Algebra</p> <p>Chapter 11: Three Dimensional Geometry</p> <p>Chapter 12: Linear Programming</p>	<p>UNIT 3 MAGNETIC EFFECT OF CURRENT AND MAGNETISM</p> <p>UNIT - 4 ELECTROMAGNETIC INDUCTION &amp; ALTERNATING CURRENT</p>	Chapter 4 Chemical kinetics	<p>Chapter 3 : Reproductive Health</p> <p>Chapter 4 : Principles of Inheritance and Variation</p>	<p><b>THEORY</b> Ch-4: Physical Education and Sports for CWSN</p> <p><b>PRACTICAL: -</b> Lifestyle Diseases (Asthma and Hypertension) Related asanas</p>	<ul style="list-style-type: none"> <li>• Evolution of Networking: ARPANET,</li> <li>• Data Communication terminologies:</li> <li>• Network devices:</li> <li>• Network Topologies and types: Bus, Star, Tree, PAN, LAN, WAN, MAN.</li> </ul>
JULY	<p><b>Section A :</b> Reading Comprehension Passage</p> <p><b>Section B :</b> Notice Writing , Report</p> <p><b>Section C :</b> Indigo, The Interview, A Roadside stand Journey to The End of The Earth</p>	<p>Chapter 5: Continuity &amp; Differentiability</p> <p>Chapter 6: Applications of Derivatives (Contd.)</p>	UNIT 5 E.M.WAVES	<p>Chapter 8: The d- and f- block elements</p> <p>Chapter 9: Coordination Compound</p>	<p>Chapter 5 : Molecular Basis of Inheritance</p> <p>Chapter 6 : Evolution</p>	<p><b>THEORY</b> Ch-5: Children &amp; Women in Sports Ch-6: Test and Measurement in Sports</p>	<ul style="list-style-type: none"> <li>• Network Protocol:</li> <li>• Mobile Telecommunication Technologies: 1G, 2G, 3G, 4G and 5G; Mobile Unit</li> </ul>
AUGUST	<p><b>Section A :</b> Reading Comprehension</p>	Chapter 6: Applications of Derivatives	UNIT 6 OPTICS	Chapter 10 : Haloalkanes and Haloarenes	Chapter 7. Human Health & Diseases	<p><b>THEORY</b> Ch-7: Physiology &amp; Injuries in Sports</p>	<p>III: Database Management</p> <ul style="list-style-type: none"> <li>• Database Concepts</li> </ul>

	<p>Passage <b>Section B :</b> Invitation and their replies <b>Section C :</b> Poets and Pancakes. Going Places Aunt Jennifer's Tigers On the face of it</p>	Chapter 7: Integrals (Contd.)		Chapter 11 Alcohols, Phenols and Ethers	Chapter 8 Microbes In Human Welfare  Chapter 9. Biotechnology: Principles & Processes	<b>PRACTICAL: -</b> Volleyball (History, Measurement and Fundamental skills)	
SEPTEMBER	<b>Section C :</b> Poet and Pancakes, The Interview-II Going Places Memories of Childhood	Chapter 7: Integrals	UNIT 7 DUAL NATURE OF MATTER & RADIATION	Chapter 11 Alcohols, Phenols and Ethers	Chapter 9. Biotechnology: Principles & Processes		
OCTOBER	<b>Section A :</b> Reading Comprehension Passage <b>Section C :</b> Evans Tries an O-Level	Chapter 8: Applications of Integrals  Chapter 9: Differential Equations	UNIT 7 DUAL NATURE OF MATTER & RADIATION UNIT 8 ATOMS & NUCLEI	Chapter 12 Aldehydes, Ketones and Carboxylic acid Chapter 13 Amines	Chapter 10 : Biotechnology and its Applications  Chapter 11 : Organisms and Populations	<b>THEORY</b> Ch-8: Biomechanics & Sports Ch-9: Psychology and Sports	<ul style="list-style-type: none"> <li>• Relational data model</li> <li>• General Concepts</li> <li>• Data Types: number / decimal, character / varchar / varchar2, date; SQL commands</li> </ul>
NOVEMBER	<b>Section A :</b> Reading Comprehension Passage <b>Section C:</b> Vistas – Revision.	Chapter 1: RELATIONS AND FUNCTIONS  Chapter 13: Probability	UNIT 9 ELECTRONIC DEVICES	Chapter 14 Biomolecules	Chapter 12 : Ecosystem  Chapter 13 : Biodiversity and Conservation	<b>THEORY</b> Ch-10: Training in Sports <b>PRACTICAL: -</b> Volleyball (History, Measurement and Fundamental skills)	<ul style="list-style-type: none"> <li>• Joins: equi-join and natural join</li> <li>• Interface of Python with an SQL database</li> </ul>

Decem- ber	Revision Work	Revision Work	Revision Work	Revision work	Revision work	<b>THEORY</b> * Revision PRACTICAL: - Khelo India Fitness test	REVISION AND PROJECT WORK
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