

**INDIAN SCHOOL SOHAR**  
**SYLLABUS BREAK-UP (SESSION 2021-22)**  
**CLASS XII (SCIENCE)**

SUBJECT→ MONTH↓	ENGLISH	PHYSICS	CHEMISTRY	BIOLOGY	MATHEMATICS	INFORMATICS PRACTICES	PE
<b>MARCH</b>	<b>Literature Reader (Flamingo)</b> The Last Lesson Lost Spring My Mother at 66 <b>Supplementary Reader (Vistas)</b> The Third Level The Enemy <b>Writing</b> Notice Article <ul style="list-style-type: none"> <li>Letter to the Editor</li> </ul>	<ul style="list-style-type: none"> <li>Electrostatics-1</li> <li>Electrostatics-2</li> <li>Current Electricity</li> </ul>	<ul style="list-style-type: none"> <li>Solutions</li> <li>Haloalkanes and Haloarenes</li> <li>P-Block Elements (Group 15 and 16)</li> </ul>	<b>UNIT VI REPRODUCTION</b> <ul style="list-style-type: none"> <li>Reproduction in Organisms</li> <li>Sexual Reproduction In Plants</li> <li>Human Reproduction</li> <li>Reproductive Health</li> </ul>	<ul style="list-style-type: none"> <li>Relations and Functions</li> <li>Relations and Functions &amp; Inverse Trigonometric functions</li> <li>Matrices</li> </ul>	Unit II: DataBase Query using SQL(MySQL Revision Tour)	<ul style="list-style-type: none"> <li>Planning in Sports</li> <li>Sports &amp; Nutrition</li> </ul>
<b>APRIL</b>	<b>Literature Reader (Flamingo)</b> An Elementary Classroom Deep Water Keeping Quiet The Rattrap <b>Supplementary Reader (Vistas)</b> Should Wizard Hit Mommy <b>Writing</b> Letter to Principals Job Application <ul style="list-style-type: none"> <li></li> </ul>	<ul style="list-style-type: none"> <li>Current Electricity</li> <li>Moving Charge-Magnetism</li> </ul>	<ul style="list-style-type: none"> <li>Electrochemistry</li> <li>Alcohols, Phenols and Ethers</li> <li>p-Block Elements (Group 17 and 18)</li> </ul>	<ul style="list-style-type: none"> <li>Reproductive Health</li> </ul> <b>UNIT VIII BIOLOGY IN HUMAN WELFARE</b> <ul style="list-style-type: none"> <li>Human Health and Disease</li> <li>Strategies for Enhancement In Food Production</li> <li>Microbes in Human Welfare</li> </ul>	<ul style="list-style-type: none"> <li>Determinants</li> <li>Continuity and differentiability</li> <li>Application of derivative</li> </ul>	Unit II: DataBase Query using SQL( More on SQL) Unit I:Data Handling using Pandas (Introducing Pandas &working with Numpy)	<ul style="list-style-type: none"> <li>Sports &amp; Nutrition</li> <li>Yoga &amp; Lifestyle</li> </ul>
<b>MAY</b>	<b>Writing</b> Advertisement Report Writing <ul style="list-style-type: none"> <li><b>REVISION</b></li> </ul>	<ul style="list-style-type: none"> <li>Moving Charge-Magnetism</li> <li>Magnetic Properties</li> <li><b>Revision for Unit Test</b></li> </ul>	<ul style="list-style-type: none"> <li>p-Block Elements (Group 17 and 18)</li> <li>Chemical Kinetics</li> <li><b>Revision for Unit Test</b></li> </ul>	<b>UNIT X ECOLOGY</b> <ul style="list-style-type: none"> <li>Ecosystem</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>	<ul style="list-style-type: none"> <li><b>Application of derivative</b></li> </ul> <p style="text-align: center;"><b>Revision for Unit Test</b></p>	Unit I:Data Handling using Pandas (Introducing Pandas &working with Numpy)	<ul style="list-style-type: none"> <li>Training in Sports</li> </ul> <p style="text-align: center;"><b>REVISION</b></p>
<b>UNIT TEST (18<sup>TH</sup> MAY TO 27<sup>TH</sup> MAY)</b>							
	QP Discussion <b>Literature Reader (Flamingo)</b> Indigo	QP Discussion	QP Discussion	QP Discussion	QP Discussion	QP Discussion	QP Discussion
<b>JUNE</b>	<b>Literature Reader (Flamingo)</b> Indigo contd. A thing of Beauty <b>Writing</b> <ul style="list-style-type: none"> <li>Letter to Officials</li> </ul>	<ul style="list-style-type: none"> <li>EM Induction</li> </ul>	<ul style="list-style-type: none"> <li>Aldehydes, Ketones and Carboxylic acids</li> </ul>	<ul style="list-style-type: none"> <li>Ecosystem</li> </ul>	<ul style="list-style-type: none"> <li>Linear Programming Problems</li> </ul>	Unit I: Data Handling using Pandas (Introducing Pandas &working with Numpy) Unit I: Data Handling using Pandas (Dataframe & its operations)	<ul style="list-style-type: none"> <li>Practical-Major game</li> </ul>
<b>JULY</b>	<b>SUMMER VACATION (9<sup>TH</sup> JUNE TO 2<sup>ND</sup> AUGUST)</b>						
<b>AUGUST</b>	<b>Literature Reader (Flamingo)</b> Aunt Jennifer's Tiger <b>Supplementary Reader (Vistas)</b> On the Face of It	<ul style="list-style-type: none"> <li>AC</li> <li>EM Waves</li> </ul>	<ul style="list-style-type: none"> <li>d-Block Elements</li> <li>Coordination Compounds</li> <li>Surface Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>Organism and Population</li> <li>Biodiversity and Conservation</li> </ul>	<ul style="list-style-type: none"> <li>Integrals</li> <li>Application of Integration</li> </ul>	Unit I: Data Handling using Pandas (Dataframe & its operations)	<ul style="list-style-type: none"> <li>Physical Education &amp; Sports for CWSN</li> <li>Test &amp; Measurement in</li> </ul>

	Evans Tries an O-Level E. T. an O-Level (Contd.) <b>Writing</b> • Invitations & Replies			• Environmental Issues			Sports • Physiology & Injuries in Sports
SEPTEMBER	<b>Supplementary Reader (Vistas)</b> The Tiger King <b>Writing</b> • Business Letter • Poster	• EM Waves • Ray Optics • Ray Optics •	• Surface Chemistry • Polymers • Chemistry in Everyday life  <b>Revision for Term I</b>	<b>UNIT VII GENETICS AND EVOLUTION</b> • Memories of Childhood • Molecular Basis of Inheritance <b>REVISION</b>	• Integrals Application of Integration  <b>Revision for Term I</b>	Unit I: Data Handling using Pandas (Data Visualization-Plotting)	• Physiology & Injuries in Sports  <b>Revision</b>
<b>TERM I EXAM (19<sup>TH</sup> SEPTEMBER TO 30<sup>TH</sup> SEPTEMBER)</b>							
OCTOBER	<b>Literature Reader (Flamingo)</b> Poets and Pancakes The Interview Roadside Stand <b>Supplementary Reader (Vistas)</b> Journey to the End <b>Writing</b> Speech & 4. Debate	• Wave Optics • Dual Nature • Atom	Q.P Discussion • Amines • Solid State • Biomolecules	Q.P Discussion • Evolution <b>UNIT IX BIOTECHNOLOGY</b> • Principles and Processes • Biotechnology and its applications	QP Discussion • Vectors Three-Dimensional geometry • Probability	QP Discussion Unit I: Data Handling using Pandas (Data transfer between SQL and Dataframe ) Unit III: Introduction to Computer Networks	• Biomechanics & Sports • Psychology & Sports • Children & Women in Sports
NOVEMBER	<b>Literature Reader (Flamingo)</b> Going Places <b>Supplementary Reader (Vistas)</b> Memories of Childhood • <b>REVISION</b>	• Nuclei • Semiconductor • <b>Revision for Term II</b>	• General Principles of Isolation of Elements <b>REVISION</b>	<b>REVISION</b>	• Probability  <b>REVISION</b>	Unit IV: Societal Impacts  <b>REVISION</b>	• Children & Women in Sports  <b>REVISION</b>
<b>REVISION</b>							
<b>TERM II EXAM (21<sup>ST</sup> NOVEMBER TO 02<sup>ND</sup> DECEMBER)</b>							
DECEMBER	<b>QP DISCUSSION</b> <b>REVISION</b> <b>TERM – II PRACTICAL EXAMS</b>						
JANUARY	<b>PRE – BOARD EXAMS</b> <b>CBSE BOARD PRACTICAL EXAMS</b>						
FEBRUARY	<b>HIGH ACHIEVER AND REMEDIAL CLASSES</b>						
MARCH	<b>BOARD EXAMINATION CLASS XII 2022</b>						