



ST.MARYS SENIOR SECONDARY SCLOOL, RUDRAPUR

HALF YEARLY SYLLABUS (2025-26)


CLASS XI SCIENCE

Sr No	Subject	Syllabus
1.	English	<i>Literature</i>  Hornbill  1 The Portrait of a Lady  2 We are Not Afraid to Die if we can all be together  3 Discovering Tut  Snapshot  1.The Summer of the Beautiful White Horse  2. The Address  3.Mother's Day



Edit with WPS Office



		<p>Poetry</p> <ol style="list-style-type: none"> <li>1. A Photograph</li> <li>2. The Laburnum Top</li> <li>3. The Voice of the Rain</li> </ol> <p>Writing &amp; Grammar</p> <ol style="list-style-type: none"> <li>1. Advertisements</li> <li>2. Poster</li> <li>3. Speech</li> <li>4. Integrated Grammar</li> <li>5. Sentence reordering</li> </ol>
2.	Mathematics	<ol style="list-style-type: none"> <li>1. Sets</li> <li>2. Relations and Functions</li> <li>3. Trigonometric Functions</li> <li>4. Complex Numbers and Quadratic Equations</li> <li>5. Linear Inequalities</li> <li>6. Binomial Theorem</li> </ol>





		<p>7. Permutations and Combinations</p> <p>8. Sequences and Series</p>
3.	Biology	<p>Chapter -1 Living world</p> <p>Chapter -2 Biological classification</p> <p>Chapter -3 Plants kingdom</p> <p>Chapter -4 Animal kingdom</p> <p>Chapter -5 Morphology of flowering plants</p> <p>Chapter -6 Anatomy of flowering plants</p> <p>Chapter -7 Structural organisation of animals</p>
4.	Physics	<p>1.Units and measurements</p> <p>2.Motion in a straight line</p> <p>3.Motion in a plane</p> <p>4.Laws of motion</p> <p>5. Work, energy and power</p> <p>6.System of particles and rotational</p>





		motion
5.	Chemistry	<p>1. Some Basic Concepts of Chemistry</p> <p>2. Structure of Atom</p> <p>3. Classification of Elements and Periodicity</p> <p>4. Chemical Bonding and Molecular Structure</p> <p>5. Thermodynamics</p> <p>6. Equilibrium part 1</p>
6.	Physical Education	<p>1. Changing trends and career in physical education</p> <p>2. Olympism Value</p> <p>3. Yoga</p> <p>4. Physical education and sports for CWSN</p> <p>5. Physical fitness wellness and lifestyle.</p>





7.	Computer Science	1. Computer Basic 2. Data Representation 3. Boolean Logic 4. Getting started with Python 5. Problem Solving 6. Flow Of Control
8.	Information Technology Painting	Part A Unit 1 : Communication Skills-III Unit 2: Self Management-III Unit 3 : ICT Skills-III Part B Unit -1 : Computer Organization Unit -2 : Networking And Internet Unit-3 : Office Automation Tools.
9.	Painting	Ch. The arts of Mauryan period Ch post Mauryan period Ch Mural painting





		Ch Ajanta caves
10.	Yoga	<p>From part - A</p> <p>Unit 1- communication skills- III</p> <p>Unit 2- self management skills -III</p> <p>Unit 3- entrepreneurial skill.</p> <p>From part - B</p> <p>Unit 1- Introduction to yoga and yogic practice -I</p> <p>Unit 2 - introduction to yoga text-II</p>

