

ST. MARY'S SENIOR SECONDARY SCHOOL, RUDRAPUR



CLASS-XII SCIENCE (2025-26)

(CONSOLIDATE SYLLABUS FOR HALF YEARLY EXAMINATION-(2025-26)

SUBJECT	Chapters name
CHEMISTRY Mrs. Neetu Kohli	Part-1 <ol style="list-style-type: none"> <i>1. Solution</i> <i>2. Electrochemistry</i> <i>3. Chemical kinetics</i> <i>4. D and f block elements</i> <i>5. Co-ordination compounds</i> Part-2 <i>General concepts of organic chemistry</i> <ol style="list-style-type: none"> <i>6. Haloalkanes and haloarenes</i>
PHYSICS Mr. Mohit Upadhyay	<ol style="list-style-type: none"> <i>1. Electric charges and field</i> <i>2. Electrostatic potential and capacitance</i> <i>3. Current electricity</i> <i>4. Moving charges and magnetism</i> <i>5. Magnetism and matter</i> <i>6. Electromagnetic induction</i> <i>7. Alternating current</i>
MATHS Mr. Sachin Pandey	<ol style="list-style-type: none"> <i>1. Relation and function</i> <i>2. Inverse trigonometry function</i> <i>3. Matrices</i> <i>4. Determinants</i> <i>5. Continuity and differentiability</i> <i>6. Application of derivatives</i> <i>7. Integrals</i> <i>8. Definite integrals</i> <i>9. Linear programming</i>
BIOLOGY Mrs. Pratima Dixit	<ol style="list-style-type: none"> <i>1. Sexual Reproduction in flowering plant</i> <i>2. Human Reproduction</i> <i>3. Reproductive Health</i> <i>4. Principle of Inheritance & Variations</i> <i>5. Molecular basis of inheritance</i> <i>6. Evolution</i> <i>7. Human Health & Diseases</i>

PHYSICAL EDUCATION Mr. Himanshu Joshi	<ol style="list-style-type: none"> 1. <i>Management in sports events</i> 2. <i>Children and women in sports</i> 3. <i>Yoga as preventive measures for life style diseases.</i> 4. <i>Physical education and sports for cwsn</i> 5. <i>Test and measurement in sports</i>
COMPUTER SCIENCE	

Mr. Prashant Kumar	<ol style="list-style-type: none"> 1. <i>Python revision tour1</i> 2. <i>Python revision tour 2</i> 3. <i>Function in python</i> 4. <i>Libraries in Python</i> 5. <i>File handling</i> UNIT II (complete) <ol style="list-style-type: none"> 1. RDBMS 2. <i>Mysql queries</i> 3. MYSQL python connection
INFORMATION TECHNOLOGY Mr. Bhawam Bhandari	Part A <ol style="list-style-type: none"> 1. <i>Communication skills- iv</i> 2. <i>Self-management skills- iv</i> Part B <ol style="list-style-type: none"> 1. <i>Database concepts RDBMS tool</i> 2. <i>Operating web based applications</i> 3. <i>Fundamentals of java programming</i> 4. <i>working intergated learning IT-DMA</i>
ENGLISH Mrs. Swati Rastogi	Flamingo <ol style="list-style-type: none"> 1. <i>The last lesson</i> 2. <i>Lost spring</i> 3. <i>Deep water</i> 4. <i>The rattrap</i> Vistas <ol style="list-style-type: none"> 5. <i>The third level</i> 6. <i>The tiger king</i> 7. <i>The journey to the end of the earth</i> Poetry <ol style="list-style-type: none"> 8. <i>My mother at sixty six</i> 9. <i>Keeping quiet</i> 10. <i>A thing of beauty</i> Writing Notice writing Formal invitation Letter to editor Job application Article writing

PAINTING Mrs. Shailja Shrivastav	1. <i>Pahari school of art</i> 2. <i>Mugal painting school of art</i> 3. <i>Decan school of art</i>
YOGA Mr. Suraj Latwal	1. <i>Unit 1- communication skills-III</i> 2. <i>Unit 2- self management skills -III</i>
	3. <i>Unit 3- entrepreneurial skills</i> 4. <i>Unit 1- introduction to yoga and yogic practice -II</i> 5. <i>Unit 2 - introduction to yoga text-II</i>