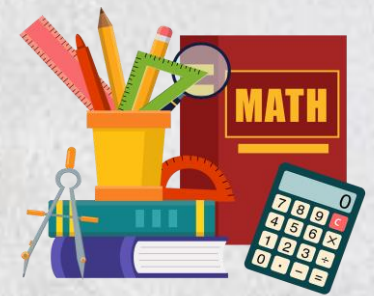




# ST. PATRICK'S

*Sr. Sec. School, Jaunpur*

*Academic  
Year  
2025-26*



# Yearly Syllabus

**CLASS - IX**

# English Language & Literature (184)

| MONTH     | CHAPTERS   | GRAMMAR AND WRITING   | ACTIVITY/PROJECT  |
|-----------|--|---|---|
| April     | 1. The Fun They Had<br>2. The Road Not Taken (Poem)<br>3. The Lost Child<br>4. The Sound of Music  | Subject Verb Concord<br>Descriptive Paragraph (person)          | Comparison of folk music and the instruments of Arunachal Pradesh with its pairing state. |
| May       | 1. Wind (Poem)<br>2. The Adventures of Toto<br>3. The Little Girl  | Determiners, Descriptive Paragraph (Situation, an event)        | Collage Making  |
| July      | 1. A Truly Beautiful Mind<br>2. Rain on the Roof (Poem)<br>3. Iswaran the Storyteller<br>4. The Snake and the Mirror<br>5. The Lake Isle of Innisfree (Poem) | Modals, Tenses, Diary Entry                                     | Project on Albert Einstein  |
| August    | 1. In the Kingdom of Fools<br>2. The Happy Prince<br>3. My Childhood<br>4. A Legend of the Northland (Poem)  | Reported Speech<br>Story Writing<br>Integrated Grammar Practice | Comic strip<br>(Any One Literature Chapter)   |
| September | Half Yearly Examination Begins   |   |   |
| October   | 1. No Men Are Foreign (Poem)<br>2. Reach for the Top<br>3. On Killing a Tree (Poem)  | Gap Filling Exercises   | Collect information about the first ladies in India in various fields                     |
| November  | 1. The Last Leaf   | Editing<br>Sentence Transformation                              | Begging -A curse to the society.<br>A Role play<br>(Group Activity)                       |
| December  | The Beggar<br>A Slumber Did My Spirit Seal (Poem)  | Revision  | Activity of speaking and listening  |
| January   | 1. Kathmandu<br>2. A House is Not a Home<br>3. If I Were You   | Integrated Grammar Exercises<br>Writing Skills (Revision)       |   |
| February  | Annual Examination Begins  |   |   |

## Hindi Course- A (002)

| Month | Chapters | Grammar And Writing | Activity/Project |
|-------|----------|---------------------|------------------|
|-------|----------|---------------------|------------------|

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|-------------------|---|--|--|
| अप्रैल<br>&<br>मई | 1 -दो बैलों की कथा<br>9- (क) सखियाँ (ख) सबद (पद)                            | <ul style="list-style-type: none"> <li>शब्द निर्माण उपसर्ग एवम् प्रत्यय</li> <li>लघुकथा लेखन</li> <li>पत्र- औपचारिक, अनौपचारिक</li> <li>अनुच्छेद लेखन</li> </ul> | <ul style="list-style-type: none"> <li>पालतू जानवरों में कौन सा आपको प्रिय है? अपने पालतू पशु के विषय में अनुच्छेद लिखिए।</li> <li>पशु पक्षियों को पालतू बनाना उचित है? (वाद- विवाद)</li> <li>दोहों का सुमधुर वाचन</li> </ul>                          |
| जुलाई             | 2-ल्हासा की ओर<br>10-वाख (कविता)<br>इस जल प्रलय में (कृतिका)                | <ul style="list-style-type: none"> <li>समास</li> <li>ई-मेल लेखन</li> <li>संवाद लेखन</li> <li>अपठित गद्यांश और पद्यांश</li> </ul>                                 | <ul style="list-style-type: none"> <li>अरुणांचल प्रदेश में मौसम, पर्यावरण, प्रदूषण एवम् भूमंडलीय तापवृद्धि सम्बन्धित सूचनाएं एकत्र कीजिए। (परियोजना कार्य)</li> <li>कला एकीकृत</li> <li>आपके द्वारा की गई किसी यात्रा का सचित्र वर्णन करें।</li> </ul> |
| अगस्त             | 3-उपभोक्तावाद की संस्कृति<br>11- सवैया (कविता)<br>मेरे संग की औरते (कृतिका) | <ul style="list-style-type: none"> <li>सूचना लेखन</li> <li>अलंकार -शब्दालंकार</li> </ul>   | <ul style="list-style-type: none"> <li>किन्हीं दो उत्पादनों पर विज्ञापन तैयार कीजिए।</li> <li>रसखान की सवैया का सुमधुर वाचन।</li> <li>दिखावे की जीवन शैली पर आधारित एक कहानी लिखिए।</li> </ul>   |
| सितंबर            | 5. 12- कैदी और कोकिला   | पत्र लेखन ,अनुच्छेद लेखन<br>अर्थ की दृष्टि से वाक्य भेद।   | <ul style="list-style-type: none"> <li>भारतीय स्वाधीनता संग्राम के क्रान्तिकारियों के विषय में सूचना एकत्र कीजिए।</li> <li>अगर आप एक पक्षी होते तो आप क्या क्या करते, अपने विचार लिखिए।</li> </ul>   |
| सितंबर            | Half Yearly Examination Begins  |  |  |
| अक्टूबर           | 4 -साँवले सपनों की याद<br>13- ग्रामश्री (कविता)<br>रीढ़ की हड्डी (कृतिका)   | <ul style="list-style-type: none"> <li>लघुकथा लेखन</li> <li>ई-मेल लेखन</li> <li>सूचना लेखन</li> <li>संवाद लेखन</li> </ul>  | <ul style="list-style-type: none"> <li>गाँवों से शहरों की ओर पलायन सही है? (वाद-विवाद)</li> <li>अपने किसी आदर्श व्यक्ति का जीवन परिचय देते हुए एक लेख लिखिए।</li> </ul>  |
| नवंबर             | 6- प्रेमचंद के फटे जूते<br>15- मेघ आए (कविता)                               | अपठित गद्यांश और पद्यांश<br>सूचना लेखन   | <ul style="list-style-type: none"> <li>राष्ट्र के विकास में एक ईमानदार लेखक और पत्रकार की क्या भूमिका होनी चाहिए? चर्चा करें।</li> <li>आपके हिसाब से जूता और टोपी में कौन सी चीज अधिक महत्वपूर्ण है? अनुच्छेद लिखिए।</li> </ul>                        |
|                   | Pre-Annual Examination Begins   |  |  |
| दिसंबर            | 7-मेरे बचपन के दिन<br>17-बच्चे काम पर जा रहे हैं।                           | पत्र, अनुच्छेद   | <ul style="list-style-type: none"> <li>लड़कियों के प्रति हो रहे भेदभाव पर नारा लिखिए।</li> <li>बाल श्रमिक पर एक कोलाज़ तैयार करें।</li> </ul>  |
| जनवरी             | Revision  |  |  |
| फ़रवरी            | Annual Examination Begins   |  |  |

## Science (086)

| Month | Chapters | Activity/ Project |
|-------|----------|-------------------|
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|--------|--|---|
| April  | <b>CHEMISTRY</b><br>Chapter 1. Matter in our surrounding                         | To find the rate of diffusion in red ink and honey in water.  |
|        | <b>BIOLOGY</b><br>Chapter 5. Fundamental unit of life                            | To demonstrate Osmosis by soaking raisins in water.   |
|        | <b>PHYSICS</b><br>Chapter 7. Motion  | To plot graphs (uniform and non-uniform) for the data given in table 8.1 in NCERT book of chapter 8.  |
| May    | <b>CHEMISTRY</b><br>Chapter 1. Matter in our surrounding (Continued)             | ➤ To determine the melting point of ice and boiling point of water.   |
|        | <b>BIOLOGY</b><br>Chapter 5. Fundamental unit of life (Continued)                | To study and draw the plant cell in onion and cheek cell in notebook.   |
|        | <b>PHYSICS</b><br>Chapter 7. Motion (Continued)                                  | To study and calculate the speed on an Indian Satellite.  |
|        |  | Art Integrated Activity<br>· Prepare a report on mode of energy conservation and comparison of sources of energy in Uttar Pradesh and Arunachal Pradesh   |
| July   | <b>CHEMISTRY</b><br>Chapter 2. Is matter around us pure?                         | To prepare a solution suspension and colloidal solution and differentiate between them on the basis of transparency, filtration and stability.  |
|        | <b>BIOLOGY</b><br>Chapter 6. Tissue  | To study growth of onion root tip for Meristematic tissue.  |
|        | <b>PHYSICS</b><br>Chapter 8. Force and laws of motion                            | ➤ Presentation of different laws of motion in day-to-day life.<br>➤ Establishing the relationship between the loss in weight of the solid when fully immersed in-----<br>1. Tap water<br>Strongly salty water with the weight of water displaced by it by taking at least two different solids. |
| August | <b>CHEMISTRY</b><br>Chapter 3. Atoms and molecules (Till Dalton's Atomic Theory) | To find the difference between compound and mixture with the help of iron filling and sulphur powder.   |

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|                  | <b>BIOLOGY</b><br>Chapter 6. Tissues                                   |   |
|                  | <b>PHYSICS</b><br>Chapter 9. Gravitation                               | To demonstrate buoyancy by daily life examples in class and also explain Archimedes principle through it.   |
| <b>September</b> | <b>HALF -YEARLY EXAMINATION BEGINS</b>                                 |   |
| <b>OCTOBER</b>   | <b>CHEMISTRY</b><br>Chapter 3. Atoms and molecules (Continued)         | To find the difference between physical and chemical changes with the help of chemical reactions.   |
|                  | <b>BIOLOGY</b><br>Chapter 12. Improvement in food resources(Continued) |   |
|                  | <b>PHYSICS</b><br>Chapter 10. Work & Energy                            | Discuss the various ways of energy conversion in Hydro Electric Power Station, Wind Mill and Nuclear Reaction.  |
|                  |  | Art Integrated Activity<br>Topic: Prepare a project on various types of diseases that are very common in Uttar Pradesh and Arunachal Pradesh.<br>Mode: Beautifully decorated handmade scrape book.<br>Points to be included:<br>1. Infectious and non-infectious diseases.<br>2. Causes<br>3. Prevention<br>4. Diagrams and pictures<br>Materials Required: Handmade sheet, coloured A4 sheets and colour pens. |
| <b>November</b>  | <b>Pre Annual Examination Begins</b>                                   |   |
| <b>December</b>  | <b>CHEMISTRY</b><br>Chapter 4. Structure of the atom                   | ➤ Prepare a model of "Bohr Model of an Atom."<br>➤ To draw the electronic configuration of elements from atomic number 1 to 20.<br>Verification of the law of conservation of mass in a chemical reaction.  |
|                  | <b>BIOLOGY</b><br>Chapter 12. Improvement in food resources            | Make a list of nutrients supplied by air water and soil to the plants and categories them on the basis of their requirements.   |
|                  | <b>PHYSICS</b><br>Chapter 11. Sound                                    | To find the frequency of time period of a simple pendulum   |

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| January  | CHEMISTRY<br>Chapter 4. Structure of the atom(Continued)         |  |
|          | BIOLOGY<br>Chapter 12. Improvement in food resources (Continued) |  |
|          | PHYSICS<br>Chapter 11. Sound (Continued)                         |  |
|          | REVISION   |  |
| February | Annual Examination Begins  |  |



# Artificial Intelligence (417)

| Month     | Chapters  | Activity/ Project/ Art Integrated Project   |
|-----------|---|---|
| April     | Part A<br>Unit 1- Communication Skills I<br>Unit-2 Self-Management Skills I   | <ul style="list-style-type: none"> <li>- Group Discussions on the given theme</li> <li>- Body Language Practice by creating conversation scenario                             <ul style="list-style-type: none"> <li>- Time Table Planner Activity</li> <li>- Personal SWOT Activity</li> </ul> </li> </ul>   |
| May       | Part A<br>Unit-5 Green Skills I<br>Part B<br>Unit-1 AI Reflection, Project Cycle and Ethics<br>- Understanding AI: Domains and Applications   | <ul style="list-style-type: none"> <li>- Poster on Sustainability</li> <li>- Semantris (NLP)</li> <li>- Quick Draw (CV)</li> <li>- Rock-Paper-Scissors Game</li> <li>- Teachable Machine (<a href="https://teachablemachine.withgoogle.com/">https://teachablemachine.withgoogle.com/</a>)<br/>[Experiential Learning]</li> </ul>   |
| July      | Part B<br>Unit 1 Contd.<br>- The AI Project Cycle- II<br>- AI Ethics- II  | <b>ART INTEGRATED PROJECT</b><br>AI and Culture – Folk Art Meets Tech<br>Subjects Integrated: AI, Art, History<br>Activity:<br>Choose a traditional Indian art form (e.g., Madhubani, Warli, Gond).<br>Depict a modern AI theme using that art style (e.g., robots painted in Warli figures).<br>Research and explain the cultural art form and relate it to technological change.  |
| August    | Part B<br>Unit-2 Data Literacy <ul style="list-style-type: none"> <li>- Basics of Data Literacy</li> <li>- Acquiring Data, Processing, and Interpreting Data</li> </ul> - Project Interactive Data Dashboard & Presentation | <ul style="list-style-type: none"> <li>- Collect &amp; Explore Data on given theme</li> <li>- Create Visuals (Tableau, Datawrapper) on above data</li> </ul>  |
| September | <b>Half Yearly Examination Begins</b>   |   |
| October   | Part A<br>Unit-3 ICT Skills I<br>Unit-4 Entrepreneurial Skills I  | <ul style="list-style-type: none"> <li>- Excel Budget Sheet</li> <li>- Make a Business Idea Poster</li> </ul>   |
| November  | <b>Pre-Annual Begins</b>  |   |
| December  | Part B<br>Unit-3 Math for AI<br>(Statistics & Probability)<br>- Importance of Math in AI<br>- Statistics<br>- Probability   | <ul style="list-style-type: none"> <li>- Number Patterns</li> <li>- Mini Survey &amp; Data Analysis</li> </ul> <b>ART INTEGRATED PROJECT</b><br>Smart City Design – Model Making<br>Subjects Integrated: AI, Social Science, Math, Art<br>Activity:<br>Design a 3D model or poster of a smart city using cardboard or digital tools.<br>Include features like smart traffic lights, AI waste management, or surveillance drones.<br>Use art to illustrate how AI improves urban life. |

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| January  | Part B<br>Unit- 4 Introduction to Generative AI<br>Unit- 5 Introduction to Python<br>REVISION | <ul style="list-style-type: none"><li>- GAN Paint</li><li>- Text Gen Tool</li><li>- Real vs AI Image Game</li><li>- Python Programs</li></ul> |
| February | Annual Examination Begins   |   |



# Social Science (087)

| Month     | Chapters   | Activity/Project/Art Integrated Project  |
|-----------|--|--|
| April     | Ch.1<br>The French Revolution (HIS) Ch.1 India-Size and Location (GEO)   | <ul style="list-style-type: none"> <li>✦ Draw different political symbols related to French Revolution and explain them.</li> <li>✦ Map Activity in History and Geography.</li> <li>✦ Find and write out the longitudinal and latitudinal extent of your state.</li> </ul>   |
| May       | Ch.1<br>The Story of Village Palampur (ECO)<br>(To be assessed as part of Periodic Assessment only)<br>Ch.1<br>What is Democracy?<br>Why Democracy? (CIV)<br>Ch.2<br>Physical Features of India (GEO) Contd..... | <ul style="list-style-type: none"> <li>✦ Use art integration strategy to summarize and present the reasons of land degradation and sustainable development. Interdisciplinary project of History and Geography</li> <li>✦ Case study and debate on the topic "What is Democracy?"</li> <li>✦ Why Democracy?"</li> <li>✦ Map Activity of mountain, hills, peaks, plateaus.</li> </ul> |
| July      | Ch.2<br>Physical Features of India (GEO)<br>Ch.2<br>Constitutional Design (CIV)<br>Ch.2<br>People as Resource (ECO)<br>Ch.2<br>Socialism in Europe and the Russian Revolution (HIS) Contd....                    | <ul style="list-style-type: none"> <li>✦ Map Activity of mountain, hills, peaks, plateaus.</li> <li>✦ Write Preamble in your scrapbook and also paste the images of five members of Constituent Assembly.</li> <li>✦ Debate and discussion on quality of population.</li> <li>✦ Create posters depicting the ideas and slogans of socialist and revolutionary movements.</li> </ul>  |
| August    | Ch.2<br>Socialism in Europe and the Russian Revolution (HIS)<br>Ch.3<br>Drainage (GEO)<br>Ch.3<br>Electoral Politics (CIV)   | <ul style="list-style-type: none"> <li>✦ Debate on the challenges faced by river water and Ganga action plan as well as how it effects on human life.</li> <li>✦ Prepare a flier to seek maximum votes from the students of the school as a contestant of head boy /girl.</li> </ul>   |
| September | Revision & Term- I Examination   |  |
| October   | Ch.4<br>Climate (GEO)<br>Ch.3<br>Poverty as a Challenge (ECO)<br>Ch.3<br>Nazism and the Rise of Hitler (HIS) Contd....   | <ul style="list-style-type: none"> <li>✦ Collect and Read the Weather reports and have a class room discussion to conclude about the factors controlling climate.</li> <li>✦ Debate- whether education can remove poverty.</li> <li>✦ Discuss the character of Hitler through role-play and speech.</li> </ul>   |
|           | Pre-Annual Examination Begins  |  |

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|----------|---|---|
| November | Ch.3<br>Nazism and the Rise of Hitler (HIS)<br>Ch. 4<br>Forest Society and Colonialism (HIS)<br>(Interdisciplinary project as part of multiple Assessments)<br>Ch. 5<br>Pastoralists in the Modern World (HIS)<br>(To be assessed as part of periodic assessment only)<br>Ch. 5<br>Natural Vegetation and Wildlife (GEO) (Only map pointing to be evaluated in the annual examination.) | <p>➤ Discuss the character of Hitler through role-play and speech.</p> <p>➤ Find out more about some of the Pastoral Communities marked in Figs. 11 and. 13.</p> <p>Art Integrated Activity</p> <p>➤ Flora and Fauna Of Arunachal Pradesh</p> <p>➤ Tawang Monastery</p>   |
| December | Ch. 4<br>Working of Institutions (CIV)<br>Ch. 6<br>Population (GEO)   | <p>➤ Follow the news about any major court case in a High Court or the Supreme court. What was original verdict? Did the High Court or the Supreme Court change it? What was the reason?</p> <p>➤ Analyze and infer the reasons behind the uneven distribution of population in India with specification to UP &amp; Arunachal Pradesh.</p> |
| January  | Ch. 5<br>Democratic Rights (CIV)<br>Ch. 4<br>Food Security in India (ECO)<br><b>Revision</b>  | <p>➤ Declamation on needs to have Rights and importance of performing duties</p> <p>➤ Write Five government schemes for food security with details of its implementation.</p>   |
| February | <b>Annual Examination Begins</b>  |   |

# Mathematics Standard & Basic (041/241)

| Month     | Chapters  | Activity/Project/Art Integrated Project   |
|-----------|---|---|
| April     | 1.Number Systems<br>2. Polynomial   | Art Integrated Activity<br>✦ To draw a square root spiral.<br><br>Geometrical representation of factors of polynomials.   |
| May       | 3.Coordinate Geometry<br>4. Linear Equations in two variables   | Art Integrated Activity<br>✦ Location of a point in a cartesian plane on graph papers.<br><br>"Weaving coordinates – Mapping Traditional Weaves of Arunachal Pradesh"   |
| JULY      | 5.Introduction to Euclid's geometry.<br>6.Lines and Angles<br><br>7.Triangles   | Presentation of the chapter by students<br><br>Verify experimentally that if two lines intersect, then<br>(1) the sum of all the four interior angles is $360^\circ$<br><br>(2) the sum of two adjacent angles is $180^\circ$<br><br>Art Integrated Activity<br>✦ Verify experimentally the different criteria for congruency of triangles using different triangular cut out shapes. |
| AUGUST    | 8. Quadrilaterals<br><br>✦ Area of parallelogram and Triangles (ONLY FOR FORMATIVE ASSESSMENT)<br><br>✦ Probability (ONLY FOR FORMATIVE ASSESSMENT) | ✦ Hierarchy of quadrilaterals<br><br>✦ Construct different shapes using cut-outs or tracing paper, then compare their areas.<br><br>To understand the concept of probability using a deck of cards.   |
| September |   | Half Yearly Examination Begins  |
| OCTOBER   | 9. Circles<br><br>10. Heron's Formula   | ✦ To verify the sum of the angles in a cyclic quadrilateral is $180^\circ$ by using bangles and matchsticks/ tooth picks.<br><br>Art Integrated Activity<br>✦ "Wheels of Culture-Designing a Traditional Arunachali Drum with Circle Geometry"<br><br>Application of heron's formula Model.   |
| November  | PRE -ANNUAL EXAMINATION BEGINS<br>11. Surface areas and Volumes   | ✦ To obtain the formula for surface area and volume of a right circular cone.   |
| December  | 12. Statistics  | Art Integrated Activity   |

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|          | <b>↗ Constructions<br/>(ONLY FOR FORMATIVE ASSESSMENT)</b> | To draw a histogram by collecting the marks obtained by the students in mathematics in Half Yearly exam. |
| January  | Revision And Solving Of Sample Question Papers             |  |
| February | Annual Examination Begins                                  |  |