



# Vidya Sanskar Public School

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## Syllabus

Class-10th

### Subject-Geography

| Month/<br>Working days | Name of the chapter   | Chapter Completion<br>Days | Project / Activity                        |
|------------------------|---|----------------------------|---|
| March                  | 1-Resource development  | 5                          | Assignment on Resource and development    |
| April                  | 2- Forest and wildlife  | 10                         | Map work on chart                         |
| May                    | 3- Water  | 5                          | Assignment on water                       |
| June                   | 3- Water<br>4- Agriculture                                      | 4<br>4                     | Project work on Agriculture               |
| July                   | 5- Mineral and energy resources                                 | 8                          | Map work on Mineral and energy resources  |
| August                 | 6- Manufacturing Industries                                     | 10                         | Assignment on manufacturing industries    |
| September              | 6- Manufacturing Industries<br>7- Life line of national economy | 5<br>6                     | Map work on Life line of national economy |
| October                | 7- Life line of national economy                                | 5                          |   |
| November               | Revision  | 5                          |   |
| December               | Revision  |                            |   |
| January                |   |                            |   |

### Subject-Economics

| Month/<br>Working days | Name of the chapter                  | Chapter Completion<br>Days | Project / Activity   |
|------------------------|--------------------------------------|----------------------------|--|
| April                  | Development                          | 20                         | Worksheet practice, revision test  |
| May                    | Development                          | 11                         | Worksheet practice, revision test  |
| June                   | Sector of the Indian Economy         | 08                         | Worksheet practice, revision test  |
| July                   | Sector of the Indian Economy         | 24                         | Worksheet practice, revision test  |
| August                 | Money and credit                     | 20                         | Worksheet practice, revision test  |
| September              | Money and credit                     | 10                         | Worksheet practice, revision test  |
| October                | Globalisation and the Indian Economy | 22                         | Worksheet practice, revision test  |
| November               | Consumer Rights                      | 08                         | Worksheet practice, revision test, Project file Assignment for board examination |
| December               |                                      |                            |  |
| January                |                                      |                            |  |
| February               |                                      |                            |  |

**Subject-English**

| Month/<br>Working<br>days | Working Days | Name of the Chapter  | Chapter Completion<br>Days | Project / Activity  |
|---------------------------|--------------|--|----------------------------|---|
| April                     | (20)         | <ul style="list-style-type: none"> <li>• A Letter to God</li> <li>• Dust of Snow</li> <li>• A Triumph of Surgery</li> <li>• Fire and Ice</li> </ul>  | 4<br>1<br>4<br>1           | <ul style="list-style-type: none"> <li>• Prepare Post-card with reference A Letter to God</li> </ul>          |
| May                       | (11)         | <ul style="list-style-type: none"> <li>• Two Stories About Flying (The Black Aeroplane)</li> <li>• Two Stories About Flying (His First Flight)</li> <li>• The Midnight Visitor</li> </ul>                  | 4<br>3<br>4                | <ul style="list-style-type: none"> <li>• Write Hard words in your copy</li> </ul>                             |
| June                      | (8)          | <ul style="list-style-type: none"> <li>• Nelson Mandela; Long Walk to Freedom</li> </ul>   | 8                          | <ul style="list-style-type: none"> <li>• Write autobiography of Nelson Mandela</li> </ul>                     |
| July                      | (20)         | <ul style="list-style-type: none"> <li>• From the Diary of Anne Frank</li> <li>• A Tiger in the Zoo</li> <li>• Thief's Story</li> <li>• A Question of Trust</li> <li>• How to Tell Wild Animals</li> </ul> | 6<br>2<br>4<br>4<br>4      | <ul style="list-style-type: none"> <li>• Write about the Holocaust of Hitler</li> </ul>                       |
| August                    | (21)         | <ul style="list-style-type: none"> <li>• Glimpses of India</li> <li>• Mijbil the Otter</li> <li>• The Ball Poem</li> <li>• Amanda</li> </ul>   | 9<br>7<br>2<br>3           | <ul style="list-style-type: none"> <li>• Prepare a project on Glimpses of India</li> </ul>                    |
| September                 | (13)         | <ul style="list-style-type: none"> <li>• The Trees</li> <li>• Footprints Without Feet</li> <li>• The Making of Scientist</li> <li>• Fog</li> </ul>   | 2<br>4<br>4<br>3           | <ul style="list-style-type: none"> <li>• Prepare a report on the chapter "The Making of Scientist"</li> </ul> |
| October                   | (19)         | <ul style="list-style-type: none"> <li>• The Sermon at Benares</li> <li>• The Proposal(Play)</li> <li>• The Necklace</li> </ul>  | 4<br>10<br>5               | <ul style="list-style-type: none"> <li>• Write the new words found in the play "The Proposal"</li> </ul>      |
| November                  | (13)         | <ul style="list-style-type: none"> <li>• The Tale of the Custard the Dragon</li> <li>• For Anne Gregory</li> <li>• Bholi</li> <li>• The Book that saved the Earth</li> </ul>                               | 3<br>2<br>3<br>5           | <ul style="list-style-type: none"> <li>• Prepare a report on "Beti Bachao, Beti Padhao"</li> </ul>            |
| December                  | (24)         |  |                            |   |
| January                   | (18)         |  |                            |   |
| February                  | (13)         |  |                            |   |

**Subject-Hindi**

| Month/<br>Working days | Name of the chapter                      | Chapter Completion<br>Days | Project / Activity   |
|------------------------|--|----------------------------|--|
| April<br>20            | सूरदास                                   | 05                         | सूरदास का जीवन परिचय   |
|                        | नेताजी का चश्मा                          | 06                         |  |
|                        | माता का अचल<br>वाक्य                     | 04                         |  |
|                        |  | 05                         |  |
| May<br>11              | वाचय                                     | 03                         | तुलसीदास का जीवन परिचय<br>माता का आंचल नामक पाठ का सारांश<br>अवकाश के संदर्भ में एक प्रार्थना पत्र           |
|                        | बाल गोविंद भगत                           | 03                         |  |
|                        | तुलसीदास                                 | 05                         |  |
| June<br>08             | पदपरिचय                                  | 05                         | राम लक्ष्मण परशुराम संवाद का भावार्थ अपने शब्दों में लिखें   |
|                        | लखनवी अंदाज                              | 02                         |  |
|                        |  | 01                         |  |
| July<br>24             | अलंकार                                   | 05                         | अलंकार का सोदाहरण वर्णन करें<br>जयशंकर प्रसाद का जीवनी   |
|                        | जॉर्ज पंचम का नाम                        | 05                         |  |
|                        | जयशंकर प्रसाद                            | 04                         |  |
|                        | साना साना हाथ जोड़ी                      | 05                         |  |
| August<br>22           | अनुच्छेद लेखन                            | 06                         | प्रासंगिक विषय पर एक अनुच्छेद लेखन   |
|                        | एक कहानी यह भी                           | 03                         |  |
|                        | निरला                                    | 02                         |  |
|                        | यही ठेन्या झूलनी हैरानी हो रामा          | 15                         |  |
| September<br>10        | पत्र लेखन                                | 01                         | अपना स्ववृत्त लेखन तैयार करें<br>किसी भी विषय पर एक संदेश लेखन तैयार करें                                    |
|                        | स्त्री शिक्षा के विरोधी कुतर्कों का खंडन | 05                         |  |
|                        | नागार्जुन                                | 02                         |  |
|                        | मैं क्यों लिखता हूँ                      | 02                         |  |
| October<br>22          | स्ववृत्तलेखन                             | 07                         | अपने विद्यालय के प्रचार प्रसार के लिए विज्ञापन तैयार करें<br>किसी महत्वपूर्ण विषय पर एक ईमेल लेखन तैयार करें |
|                        | नौबत खाने में इबादत                      | 08                         |  |
|                        | माथुर                                    | 06                         |  |

|                |                                     |                      |   |
|----------------|-------------------------------------|----------------------|---|
| November<br>16 | ईमेल लेखन<br>संस्कृति<br>संदेश लेखन | 01<br>08<br>06<br>01 | संविधान में बताया गया अपने कर्तव्यों को लिखें |
| December<br>07 | विज्ञापन लेखन<br>डबराल              | 02<br>05             |   |
| January<br>09  |                                     |                      |   |
| February<br>15 |                                     |                      |   |

#### Subject-A.I.

| Month/<br>Working days | Name of the chapter                                 | Chapter Completion<br>Days | Project / Activity   |
|------------------------|---|----------------------------|--|
| April(20)              | Communication Skill-II<br>Self- Management Skill-II | 20                         | In a telephone conversation, a person orders Pizza on the phone. Find out the main elements in this communication cycle. |
| May(11)                | Self- Management Skill-II<br>ICT Skill-II           | 13                         | What is your motivational story? Write in about 100 words in the lines given below.                                      |
| June(8)                | Entrepreneurial Skill-II                            | 10                         | Write an article on 'The scope of entrepreneurship in India' in MS Word document.  |
| July(24)               | Entrepreneurial Skill-II<br>Green Skill-II          | 20                         | Our role in Sustainable Development.   |
| August(20)             | Introduction to AI                                  | 12                         | Have you seen any other AI bias system around you? Explain in short.   |
| September(10)          | AI Project Cycle<br>Advance Python                  | 15                         | Write any two important features of neural networks.<br>Python practical.  |
| October(22)            | Data Science( Only Practical )                      | 15                         | What is Personality Prediction?  |
| November(16)           | Computer Vision<br>NLP                              | 16                         | What is K-NN algorithm?  |
| December(07)           | NLP<br>Evaluation                                   | 10                         | Explain the techniques of NLP  |
| January(09)            | Practical Work                                      | 10                         | Practical Work   |
| February(15)           | Practical Work                                      | 11                         | Practical Work   |

### Subject-Mathematics

| Month     | Working days | Name of the chapter  | Chapter Completion Days   | Project / Activity / Practical  |
|-----------|--------------|--|---|---|
| April     | 20           | 1- Real number<br>2- Polynomials<br>3- Pair of linear Equations in two Variables.    | Chapter -1 (11 Days)<br>Chapter -2 (6 Days)<br>Chapter -3 (3 Days)  | To find the HCF of two numbers Experimentally based on Euclid Division Lemma.   |
| May       | 11           | 3- Pair of linear Equations in two Variables.<br>4. Quadratic equations              | Chapter -3 (6 Days)<br>Chapter-4(5-Days)                            | To verify the condition for consistency/inconsistency for a pair of linear equations in two Variables by graphical method.                |
| June      | 08           | 4- Quadratic Equations   | Chapter -4 (08 Days)  | To identify Arithmetic Progressions in some given lists of numbers.   |
| July      | 24           | 5- Arithmetic Progressions<br>6- Triangles<br>7- Coordinate Geometry                 | Chapter -5 (10 Days)<br>Chapter -6 (8 Days)<br>Chapter -7 (6 Days)  | To verify basic promotional theorem.<br>To draw a cumulative frequency curve( or an ogive )of less than type.                             |
| August    | 20           | 8- introduction to Trigonometry<br>9- Some Application of tri geometry<br>10- Circle | Chapter -8 (10 Days)<br>Chapter -9 (5 Days)<br>Chapter -10 (5 Days) | To verify the distance formula by graphical method.<br>To find the number of tangents from a point to the circle .                        |
| September | 10           | 11- Constructions<br>12- Area related to circle                                      | Chapter -11 (4 Days)<br>Chapter -12 (6 Days)                        | To draw a cumulative frequency curve (or an ogive ) of more than type.  |
| October   | 22           | 13- Surface area of volumes<br>14- Statistics  | Chapter -13 ( 12 Days)<br>Chapter -14 (10 Days)                     | To determine Experimental probability of 1,2,3,4,5, or 6 by throwing a die 500 times and compare them with their theoretical probability. |
| November  | 16           | 15- Probability<br>Revision and Test   | Chapter -15 (5 Days)  | To find the sum of the first n natural numbers.   |
| December  | 07           | Revision & Test  |   |   |
| January   | 09           | Revision & Test  |   |   |
| February  | 15           | Revision & Test  |   |   |

### Subject-History

| Month/<br>Working days | Name of the chapter                       | Chapter<br>Completion<br>Days | Work to be done  | Project / Activity  |
|------------------------|---|-------------------------------|--|---|
| April                  | His- 1 The Rise of Nationalism in Europe  | 14                            | question from passage, exercise, worksheet after completion of chapter | Understanding the way the idea of Nationalism emerged and led to the formation of nation states in Europe |
| May                    | His-1 the Rise of Nationalism in Europe   | 6                             | Worksheet from the chapter, exercise.                                  |   |
| June                   | His-2 Nationalism in India                | 18                            | Question question from passage worksheet and exercise.                 | Analyze the nature of the diverse social movement of the time   |
| July                   | His- 2 Nationalism in India               | 7                             | question from passage, worksheet, and exercise.                        |   |
| August                 | His- 3The making of a Global world        | 15                            | . Worksheet question from passage,.                                    | Discuss how globalisation is experienced differently by different social groups                           |
| September              | His- 3 The making of a Global world       | 6                             |  |   |
| October                | His- 4 The age of industrialisation       | 16                            | Worksheet - question from passage worksheet and exercise.              | Familiarize with the process of industrialisation and its impact on labour class                          |
| November               | His- 5 Print culture and the modern world | 17                            | Worksheets, question from passage, exercise.                           | Identify the link between print culture and the circulation of ideas                                      |
| December               |   |                               |  |   |
| January                | Revision                                  |                               |  |   |
| February               | Revision                                  |                               |  |   |

### Subject-Science

| Month/<br>Working days | Name of the chapter  | Chapter<br>Completion<br>Days | Project / Activity  |
|------------------------|--|-------------------------------|---|
| April/20               | Natural phenomenon light<br>Chemical reactions<br>Life Processes | 07<br>07<br>06                | <b>Chemistry-</b> 1. (A). Finding the pH of the following samples by using pH paper/universal indicator-<br>(i) Dilute Hydrochloric Acid(ii) Dilute NaOH solution(iii) Dilute Ethanoic Acid solution(iv) Lemon juice(v) Water(vi) Dilute Hydrogen Carbonate solution<br><b>Chemistry-</b> (B) Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with:(a) Litmus solution (Blue/Red)(b) Zinc metal(c) Solid sodium carbonate<br><b>Physics-</b> Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.<br><b>Biology-</b> Preparing a temporary mount of a leaf peel to show stomata. |

| Month/<br>Working days | Name of the chapter   | Chapter<br>Completion<br>Days | Project / Activity   |
|------------------------|---|-------------------------------|--|
| May/11                 | Light<br>Acids, bases and salts<br>Control and coordination in animal<br>and plants | 03<br>04<br>04                |  |
| June/08                | Light<br>Acids, bases and salts<br>Control and coordination in animal<br>and plants | 03<br>03<br>02                |  |
| July/24                | Eye and colourful world<br>Metals and nonmetals<br>Reproduction                     | 08<br>08<br>08                | <b>Chemistry</b> - . Performing and observing the following reactions and classifying them into:<br>A. Combination reaction<br>B. Decomposition reaction<br>C. Displacement reaction<br>D. Double displacement reaction<br>(i) Action of water on quicklime(ii) Action of heat on ferrous sulphate crystals<br>(iii) Iron nails kept in copper sulphate solution(iv) Reaction between sodium sulphate and barium<br>chloride solutions<br><b>Physics</b> - Determination of the focal length of: i) Concave mirrorii) Convex lens<br>by obtaining the image of a distant object.<br><b>Biology</b> - Preparing a temporary mount of a leaf peel to show stomata. |
| August/20              | Current electricity<br>Metals and nonmetals<br>Reproduction                         | 07<br>07<br>06                | <b>Chemistry</b> - . Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions-<br>(i) ZnSO <sub>4</sub> (aq) (ii) FeSO <sub>4</sub> (aq) (iii) CuSO <sub>4</sub> (aq) (iv) Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub> (aq)<br>Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the<br>above result.<br><b>Physics</b> -Tracing the path of the rays of light through a glass prism.<br><b>Biology</b> -Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help<br>of prepared slides   |
| September/10           | Magnetic effect of current<br>Carbon compounds<br>Heredity and evolution            | 03<br>03<br>04                |  |
| October/22             | Magnetic effect of current<br>Carbon compounds<br>Heredity and evolution            | 07<br>08<br>07                |  |
| November/16            | Revisions<br>Revisions<br>Natural resources   | 05<br>06<br>05                |  |
| December/07            | Revision  |                               |  |
| January/09             | Revision  |                               |  |