

**CLASS – X**  
**LESSON PLAN GEOGRAPHY**  
**Ch. 7 LIFE LINE OF NATIONAL ECONOMY**

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| Unit                               | Economics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Class Transaction                  | Total: 7 periods (approx. 40 min each)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Pre-requisite for the course       | This lesson requires <ol style="list-style-type: none"> <li>1. Basic knowledge about secondary sector .</li> <li>2. Knowledge of different mode of transport</li> <li>3. Knowledge that all are not harmful.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Assessment of qualifying knowledge | <ol style="list-style-type: none"> <li>1. Written test</li> <li>2. Map activity</li> <li>3. Group Discussion</li> <li>4. HW notebook</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Objective                          | <b>Learners will understand the importance various modes of transportation and communication.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Learning Outcomes                  | <p><u>KNOWLEDGE</u>- <i>Students will <b>learn</b> about</i></p> <ul style="list-style-type: none"> <li>• <b>Students will understand various modes of transportation and communication of India and their contribution in the economy.</b></li> <li>• Understand the that efficient means of transport are pre-requisites for fast development</li> <li>• Understand how modern means of transport and communication serve as life lines of our nation and its modern</li> <li>• Understand that roadway still have an edge over railways.</li> <li>• Understand that the distribution pattern of the Railway network in the country has been largely influenced by physiographic, economic and administrative factors.</li> <li>• Understand that waterways are the cheapest means of transport. and are most suitable for carrying heavy and bulky goods.</li> <li>• Different water ports and international airports in India.</li> <li>• Understand why tourism is considered as trade.</li> <li>• Understand that why international trade is called as barometer of development of nation.</li> </ul> <p><u>SKILLS</u>-</p> <ul style="list-style-type: none"> <li>• <i>Students will <b>critically think</b> about efficient means of transport are pre-requisites for fast development</i></li> <li>• .</li> </ul> |

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|                                                                                                                            | <ul style="list-style-type: none"> <li>Students will develop <b><i>citizenship</i></b> through good communication and transportation facilities.</li> <li><i>Students would be able to enhance their <b>creativity</b></i> by creating mind map for entire chapter.</li> <li>Students would be able to enhance their <b><i>communication and collaborative</i></b> skills by presenting presentation in class in the group activity.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Transaction Methodology<br>(The teacher can use the mentioned techniques, wherever applicable, and can use any other too.) | <p>Transaction would proceed in the following manner-<br/>Active Learning and group activity for revision -</p> <p><b>Pass word</b> : facilitator gives a definition of a word or a concept and students guess the word. Students will be divided into teams . one team member describes the things on his list for team mates before the time runs out . (<b>Critical thinking, Communication</b>)</p> <p><b>Numbered heads together</b> : Students work in groups to discuss the material or the answer to the question. Each group has a number and each participant in each group has a number. After the groups discuss, the facilitator draws a group number and a participant number to respond to the question. This ensures that everyone in the group is paying attention and that group prepares everyone to answer the question.<br/>(<b>Critical thinking, Communication</b>)</p> <p>Group activity : during lesson</p> <ul style="list-style-type: none"> <li><b>Topic-</b> Transportation and communication</li> </ul> <p>(<b>Competencies: Critical thinking</b>)</p> <p>Students will critically analyses the importance of transportation and communication for the development of national economy.</p> <p>Group Learning</p> <ul style="list-style-type: none"> <li><b>Division of chapter into different groups.</b></li> </ul> <p>Class will be divided into six groups .</p> <p><b>Group 1</b> – Roadways<br/> <b>Group 2</b> Railways<br/> <b>Group 3</b> Pipelines<br/> <b>Group 4</b> Waterways .<br/> <b>Group 5</b> Airways and international trade<br/> <b>Group 6</b> Communication and tourism as a trade</p> <p>students will sit together and in Collaboration they will discuss the topic given to them</p> <p>(<b>Competencies: Critical and collaborative thinking</b>)</p> |

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|                                          | <p>Differentiation</p> <ul style="list-style-type: none"> <li>• <b>Topic- liberalization policy and trade barrier for international trade and tourism</b><br/>(Competencies: Citizenship, Critical thinking)<br/>Students will get aware through discussion about Liberalisation policy of 1991 which changed trade barrier and International terms and conditions for trading with the world. Hence, students will analyses the exchange of culture, goods, services and investment inside and outside the country by the help of Balance of trade .</li> <li>• <b>Topic -Revision of chapter</b> Students <i>would be able to enhance their <b>creativity</b></i> by creating mind map for entire chapter using topics and subtopics for each.</li> </ul> <p>Questioning- Multiple questions as per spiral and NCERT to cater the needs of various students.</p> <p><b>Techniques to be used:</b><br/>Think pair share<br/>Discussion<br/>Group work<br/>Mind Map<br/>Map work</p> |
| Resources                                | Text Book:<br>NCERT text book for geography .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Self Study,<br>Home Work,<br>Assignments | <p><b>Independent Practice:</b> Students would do the questions in their H.W notebooks as mentioned in the monthly planner.</p> <p>HW notebooks to be marked as per the given plan:<br/> <i>Assessment Parameters:</i> The total marks for the activity is 5 marks<br/> On time submission.....1 mark<br/> Presentation/ Neatness.....1 mark<br/> Content.....3 marks</p> <p>It is also advised that the students come to the class with proper background knowledge of the topic under discussion. They can refer to the resources stated above.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Assessments                              | <p><b>3 UNIT TESTS (critical thinking )</b>5-7 Marks each<br/> <b>HALF YEARLY EXAMINATION (critical thinking)</b> 20 Marks<br/> <b>ANNUAL BOARD EXAMINATION (critical thinking)</b> 20 Marks</p> <p><b>INTERNAL ASSESSMENT</b> 20 Marks</p> <ul style="list-style-type: none"> <li>• Subject Enrichment Activity 5 Marks (creativity and collaboration)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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|                                | <ul style="list-style-type: none"> <li>Note Book Submission 05 Marks + HW Notebook 05 marks</li> </ul> <p>Through various test students critical thinking, creativity and collaboration skills will be enhanced.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Addressing Classroom Diversity | <p>Due to various social backgrounds and multiple intelligences, the classroom might be a diverse arena. The following techniques can be used for various groups:</p> <p><i>For gifted students:</i></p> <ul style="list-style-type: none"> <li>High order questions to be done</li> <li>Encouragement for referring other resources</li> </ul> <p><i>For weak students:</i></p> <ul style="list-style-type: none"> <li>Basic questions to be completed</li> <li>Buddy help to be provided</li> <li>Provide grade-up classes</li> </ul> <p><i>For differently abled students:</i></p> <ul style="list-style-type: none"> <li>Ignore spelling mistakes and formulae, if not written</li> <li>Call parents at regular intervals</li> <li>Provide grade-up classes</li> </ul> |
| Marks                          | The weightage would be given by CBSE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Assessment questions:          | .Explain the classification of roads on the basis of capacity.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                | 2.Mention the objective of super highways.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                | 3.Distribution of railway network is influenced by physiographic, economic and administrative factors. Explain.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                | 3.Name the southernmost terminal of North South corridor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                | 4.Name the longest National highway of India.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                | 5.Name are three important networks of pipeline transportation in the country                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                | 6.Name the port which was made first after the independence.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | 7.Explain how mass communication provides entertainment and creates awareness among people .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                | 8.“Advancement of international trade of a country is an index to its economic prosperity.” Elaborate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

**CLASS – X**  
**DAY WISE CONSOLIDATED LESSON PLAN**  
**CHAPTER-7 LIFE LINE OF NATIONAL ECONOMY.**  
**SUBJECT: GEOGRAPHY**  
**SESSION: 2019-20**

| DAY                                                                                                                               | ONE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| <b>Objective</b>                                                                                                                  | <ul style="list-style-type: none"> <li>• <b>Students will understand various modes of transportation and communication of India and their contribution in the economy.</b></li> <li>• Understand the that efficient means of transport are pre-requisites for fast development</li> <li>• Understand how modern means of transport and communication serve as life lines of our nation and its modern</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Assessment of qualifying knowledge</b>                                                                                         | <p>Questions from whole class group.</p> <ol style="list-style-type: none"> <li>1. What are the different modes of transport?</li> <li>2. Is transport important for development of economy?</li> <li>3. How do you communicate with your friends which are far away?</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Learning Outcomes</b>                                                                                                          | <ul style="list-style-type: none"> <li>• <u>KNOWLEDGE</u>- <i>Students will know</i><br/>Different types of transport and its classification.</li> </ul> <p><u>SKILLS and COMPETENCIES</u> <i>Students would be able to</i><br/> <b>differentiate</b> various modes of transport in <b>collaboration</b> with each other.<br/> And critically analyses that efficient means of transport are pre-requisites for fast development</p>                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Transaction Methodology</b><br>(The teacher can use the mentioned techniques, wherever applicable, and can use any other too.) | <p>Transaction would proceed in the following manner-</p> <p><b>Anticipatory Set: 10 min</b><br/> Facilitator will ask few questions to introduce the topic</p> <p><b>Anticipatory Set</b></p> <ul style="list-style-type: none"> <li>• <b>Recalling and interaction through question based on their previous knowledge like</b></li> <li>• <b>1. How producers supply goods in the market?</b></li> <li>• <b>2. What are the different modes of transportation?</b></li> <li>• <b>3. Why do we need different modes of transportation ?</b></li> </ul> <p><b>Discussion of topic through Collaborative Learning:</b></p> <ul style="list-style-type: none"> <li>• <b>Activity</b> Introduction of resource with the help of interactions with student through 'Brain storming' and by asking questions based on their previous</li> </ul> |

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|                                    | <p><b>knowledge and formation of groups and assigning their topics. So that discussion of the topics (group wise) will take place .</b></p> <p><b>Activity :</b> Introduction of the chapter with the help of interactions with student through Brain storming’ and by asking questions based on their previous knowledge and formation of groups and assigning their topics. So that discussion of the topics (group wise) will take place.</p> <p>Class will be divided into six groups .</p> <p><b>Group 1 – Roadways</b></p> <p><b>Group 2 Railways</b></p> <p><b>Group 3 Pipelines</b></p> <p><b>Group 4 Waterways .</b></p> <p><b>Group 5 Airways and international trade</b></p> <p><b>Group 6 Communication and tourism as a trade</b></p> <p>students will sit together and in Collaboration they will discuss the topic given to them</p> <p>Competency :<br/>collaboration</p> <p>Students will sit together and in Collaboration they will discuss the topic given to them</p> <p><b>Independent Practice:</b> Students will go through NCERT text book.</p> <p><b>Closure: 5 min</b></p> <p>A short oral test would be taken to check proper assimilation of the topic discussed.</p> |
| Resources                          | Text Book:<br>NCERT text book for geography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Self Study, Home Work, Assignments | <ul style="list-style-type: none"> <li><b>Independent Practice: Independent Practice-preparation of group presentation</b></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Assessments                        | Oral Test (5 minutes)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| DAY                                       | TWO                                                                                                                                                              |
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| <b>Objective</b>                          | <p>: To evaluate the importance of roadways over railways with 90% accuracy.</p> <p>To understand the classification of roadways and their problems</p> <p>.</p> |
| <b>Assessment of qualifying knowledge</b> | Recapitulation of the previous day.                                                                                                                              |
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| <b>Learning Outcomes</b>                  | <ul style="list-style-type: none"> <li><u>KNOWLEDGE</u>- Students will know about importance of roadways for human survival</li> </ul>                           |

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|                                                                                                                                           | <p><b>SKILLS and COMPETENCIES</b> <i>Students would be able to develop the skill to evaluate the importance of roadways over railways with 90% accuracy. And understand the classification of roadways and their problems</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p><b>Transaction Methodology</b><br/>(The teacher can use the mentioned techniques, wherever applicable, and can use any other too.)</p> | <p>Transaction would proceed in the following manner-</p> <p><b>Anticipatory Set: 10 min</b><br/>Recapitulation of the previous day.</p> <p><b>Activity-</b> Activity-<br/>Class presentation by<br/><b>Discussion of topic through interaction -Road Transport –types and problems of roads will be presented by group 1 and compilation will be done by the teacher</b></p> <p>After discussion<br/>All the students will write importance of roadways and flow chart of classification of roadways on the basis of capacity in their notebooks on their own.<br/><b>The following questions will be asked to check their understanding:</b><br/>Write the Terminals of –<br/>National highway-1 (Sher Shah Suri Marg)<br/>National highway -2<br/>National highway-7 (Longest highway)<br/>Name the southernmost and northern most terminals of north-south corridors</p> <ul style="list-style-type: none"> <li>• <b>Guided Practice- Spiral Level- 1- Questions</b></li> <li>• <b>Closure- 5 mins</b> Summarization by students with the help of muddiest point.</li> <li>• <b>Topic: Discussion of topic through interaction -Road Transport –types and problems of roads</b></li> <li>• Competency : Critical Thinking and problem solving<br/>Citizenship ,Collaboration</li> </ul> <p>Children will sit together and critically analyses the classification of roads and its classification and problems of roads.</p> |
| Resources                                                                                                                                 | Text Book:<br>NCERT text book for Geography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Self Study, Home Work, Assignments                                                                                                        | <ul style="list-style-type: none"> <li>• <b>Independent Practice-</b> After discussion</li> <li>• All the students will write about Classification of roadways</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Assessments                                                                                                                               | Oral Test (5 minutes)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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| <b>DAY</b> | <b>THREE</b> |
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| <b>Objective</b>                                                                                                                  | To understand that the distribution pattern of the Railway network in the country has been largely influenced by physiographic, economic and administrative factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Assessment of qualifying knowledge</b>                                                                                         | Questions from previous class from the whole class group.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Learning Outcomes</b>                                                                                                          | <ul style="list-style-type: none"> <li>• <u>KNOWLEDGE</u>- <i>Students will know</i> that the distribution pattern of the Railway network in the country has been largely influenced by physiographic, economic and administrative factors .</li> </ul> <p><b>Topic -Rail Transport –importance and problems of railways.</b></p> <p><u>SKILLS and COMPETENCIES</u> <i>Students would be able to critically analyses</i> that the distribution pattern of the Railway network in the country has been largely influenced by physiographic, economic and administrative factors in <b>collaboration</b> with each other.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Transaction Methodology</b><br>(The teacher can use the mentioned techniques, wherever applicable, and can use any other too.) | <ul style="list-style-type: none"> <li>• <b>Day 3 sub group 2 and compilation will be done by the teacher.</b></li> </ul> <p><b>Anticipatory Set-</b> Recapitulation of the previous day.</p> <p><b>Teaching strategy (WIPRO)</b>–Discussion, think pair share.</p> <ul style="list-style-type: none"> <li>• Competency : Critical Thinking and problem solving</li> </ul> <p>Citizenship<br/>Collaboration</p> <p><b>DOL 1,2,3</b></p> <p><b>Activity</b> Group presentation by Group 2 railways and compilation will be done teacher</p> <p><b>Guided Practice</b><br/>After discussion</p> <ul style="list-style-type: none"> <li>• All the students will write the answer in their notebook<br/>Do you agree the distribution pattern of the railway network in India has not been uniform? Give reasons in support of your answer.</li> </ul> <p>Transaction would proceed in the following manner-</p> <p><b>Anticipatory Set: 10 min</b></p> <p><b>Anticipatory Set-</b> Recapitulation of the previous day.</p> <p><b>Topic-</b> Railways</p> <ul style="list-style-type: none"> <li>• Competency : Critical Thinking and problem solving<br/>Citizenship ,Collaboration<br/>Students will sit together and critically analyses the factors responsible for uneven distribution of railways in India.</li> </ul> <ul style="list-style-type: none"> <li>• <b>Independent Practice:</b> Students will go through NCERT text book .</li> </ul> |

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|                                    | <b>Closure: 5 min</b><br>A short oral test would be taken to check proper assimilation of the topic discussed. |
| Resources                          | Text Book:<br>NCERT text book for geography                                                                    |
| Self Study, Home Work, Assignments | <b>Independent Practice:</b> Students would do the given questions in their H.W. notebook.                     |
| Assessments                        | Oral Test (5 minutes)                                                                                          |

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| <b>DAY</b>                                                                                                                        | <b>Four</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Objective</b>                                                                                                                  | <ul style="list-style-type: none"> <li>Understand that waterways are the cheapest means of transport. and are most suitable for carrying heavy and bulky goods.</li> <li>Different water ports in India.</li> <li>New arrival on land transportation its advantages and disadvantages</li> </ul>                                                                                                                                                                                                                      |
| <b>Assessment of qualifying knowledge</b>                                                                                         | Questions from previous class .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Learning Outcomes</b>                                                                                                          | <ul style="list-style-type: none"> <li><u>KNOWLEDGE</u>- <i>Students will know about</i> that waterways are the cheapest means of transport. and are most suitable for carrying heavy and bulky goods.</li> <li>Different water ports in India.</li> <li>New arrival on land transportation its advantages and disadvantages</li> </ul><br><u>SKILLS and COMPETENCIES</u><br><i>Students would be able to critically analyse water ways is the cheapest mode of transport in <b>collaboration</b> with each other</i> |
| <b>Transaction Methodology</b><br>(The teacher can use the mentioned techniques, wherever applicable, and can use any other too.) | <b>Anticipatory Set-</b> Recapitulation of the previous day.<br><b>Teaching strategy</b> (WIPRO)–group presentation , think pair share, , explanation by teacher <ul style="list-style-type: none"> <li>Competency : Critical Thinking and problem solving<br/> Citizenship ,Collaboration</li> </ul><br><b>DOL 1,2,3</b><br><b>Activity-</b> Group presentation by group 3 group no -4 and compilation will be done teacher.<br>.<br><b>The following map questions will be asked to check their understanding:</b>  |

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|                                    | <p>Which was the first port to be developed after independence and why?<br/>Which was the biggest port with natural and well sheltered harbour?<br/>Name two tidal ports.<br/>Which is the premier iron ore exporting port in India?<br/>Which port is located at the entrance of lagoon and where?</p> <ul style="list-style-type: none"> <li>• <b>Closure-</b> Summarization by students with the help of flow chart</li> </ul> <p><b>Subtopic- waterways and pipelines</b><br/>Competency :<br/>Critical Thinking and problem solving<br/>,Collaboration</p> <p><b>Activity-</b> Students will critically analyses that waterways are cheapest mode of transport and why.</p> <p>•<br/><b>Independent Practice:</b> Students will go through NCERT text book.<br/><b>Closure: <u>5 min</u></b><br/>A short oral test would be taken to check proper assimilation of the topic discussed.</p> |
| Resources                          | Text Book:<br>NCERT text book for Geography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Self Study, Home Work, Assignments | <b>Independent Practice:</b> Students would do the given questions in their H.W. notebooks as mentioned in the monthly planner.<br>After discussion Map activity : students will locate important water ports on political map of India.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Assessments                        | Oral Test (5 minutes)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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| <b>DAY</b>                                | <b>Five</b>                                                                                                                                                                                                                                                                                                                            |
| <b>Objective</b>                          | <ul style="list-style-type: none"> <li>• <b>Objective:</b> Understand that why international trade is called as barometer of development of nation.</li> <li>• <b>Advantages and disadvantages of airways.</b></li> </ul>                                                                                                              |
| <b>Assessment of qualifying knowledge</b> | Questions from previous class about transport for whole class group.                                                                                                                                                                                                                                                                   |
|                                           |                                                                                                                                                                                                                                                                                                                                        |
| <b>Learning Outcomes</b>                  | <ul style="list-style-type: none"> <li>• <u>KNOWLEDGE</u>- <i>Students will know</i> that why international trade is called as barometer of development of nation.</li> <li>• <b>Advantages and disadvantages of airways.</b></li> </ul> <p><u>SKILLS and COMPETENCIES</u> <i>Students would be able to critically analyse and</i></p> |

|                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                           | <p>Solve problem the problem of development of nation by international trade</p> <ul style="list-style-type: none"> <li>• <b>Advantages and disadvantages of airways.</b></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <p><b>Transaction Methodology</b><br/>(The teacher can use the mentioned techniques, wherever applicable, and can use any other too.)</p> | <p>Transaction would proceed in the following manner-<br/> <b>Airways and international trade</b><br/> <b>Anticipatory Set-</b> Recapitulation of the previous day.</p> <p><b>Activity-</b> Group presentation of group 5 will analyses the importance of international trade<br/> <b>The following questions will be asked to check their understanding:</b></p> <ul style="list-style-type: none"> <li>• In which states special provision have been made to air –service to the common people?</li> <li>• What are the advantages and disadvantages of airways</li> </ul><br><ul style="list-style-type: none"> <li>• <b>Closure-</b> Summarization by students with the help of mind map</li> <li>• <b>Independent Practice- map work : locate important international airports on political map of India</b></li> </ul><br><ul style="list-style-type: none"> <li>• Competency : Critical Thinking and problem solving<br/>Citizenship ,Collaboration</li> <li>• Students will sit in collaboration and will critically analyse why international trade is called as barometer of development of nation.</li> </ul> <p><b>Closure: 5 min</b><br/> A short oral test would be taken to check proper assimilation of the topic discussed.</p> |
| Resources                                                                                                                                 | Text Book:<br>NCERT text book for Geography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Self Study, Home Work, Assignments                                                                                                        | <b>Independent Practice:</b> Students would do the given questions in their H.W. notebook.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Assessments                                                                                                                               | Oral Test (5 minutes)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|                  |                                                                                     |
|------------------|-------------------------------------------------------------------------------------|
| <b>DAY</b>       | <b>SIX</b>                                                                          |
| <b>Objective</b> | <b>Objective :</b> To understand the importance of communication in our daily life. |

|                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assessment of qualifying knowledge                                                                                         | Questions from previous class from the whole class group.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Learning Outcomes                                                                                                          | <ul style="list-style-type: none"> <li>• <u>KNOWLEDGE</u>- <i>Students will know</i></li> <li>• Understand how modern communication serve as life lines of our nation and its modern</li> <li>• Understand why tourism is considered as trade.</li> </ul> <p><u>SKILLS and COMPETENCIES</u> <i>Students would be able to critically</i></p> <ul style="list-style-type: none"> <li>• Analyse Understand how modern communication serve as life lines of our nation and its modern.</li> <li>• Understand why tourism is considered as trade. in <b>collaboration with the class</b> .</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Transaction Methodology<br>(The teacher can use the mentioned techniques, wherever applicable, and can use any other too.) | <p>Transaction would proceed in the following manner-<br/>:</p> <p><b>Anticipatory Set</b>- Recapitulation of the previous day.</p> <p><b>Topic : Communication and Tourism as a Trade.</b></p> <ul style="list-style-type: none"> <li>• Competency : Critical Thinking and problem solving<br/>Citizenship ,Collaboration</li> </ul> <p><b>DOL 1,2,3</b></p> <p><b>Activity</b>- Group presentation of group 6 will analyses the importance of international trade</p> <p><b>NCERT Questions will be asked to check their understanding:</b></p> <ul style="list-style-type: none"> <li>• <b>Closure</b>- Summarization by students with the help of mind map</li> <li>• <b>Independent Practice</b>-<br/><b>After discussion students will write the answer in their notebook Why</b> are the means of transportation and communication called the life line of a nation and its economy?</li> <li>• Competency : Collaboration and critical and problem solving</li> <li>• Students will sit in the group and critically analyse that why international trade is important to us .</li> </ul> <p><b>Closure: 5 min</b><br/>A short oral test would be taken to check proper assimilation of the topic discussed.</p> |
| Resources                                                                                                                  | Text Book:<br>NCERT text book for Geography                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Self Study, Home Work, Assignments                                                                                         | <b>Independent Practice:</b> Students would do the given questions in their H.W. notebook.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

|             |                       |
|-------------|-----------------------|
|             |                       |
| Assessments | Oral Test (5 minutes) |
|             |                       |

**Class Test and doubt clarification class.**

**DELHI PUBLIC SCHOOL GHAZIABAD**  
**CLASS X**  
**DOL LESSON PLAN**  
**Ch.7 LIFE LINE OF NATIONAL ECONOMY**

**Objectives**

Given the content (chapter) the learners will be able to

- **Students will understand various modes of transportation and communication of India and their contribution in the economy.**
- Understand the that efficient means of transport are pre-requisites for fast development
- Understand how modern means of transport and communication serve as life lines of our nation and its modern
- Understand that roadway still have an edge over railways.
- Understand that the distribution pattern of the Railway network in the country has been largely influenced by physiographic, economic and administrative factors.
- Understand that waterways are the cheapest means of transport. and are most suitable for carrying heavy and bulky goods.
- Different water ports and international airports in India.
- Understand why tourism is considered as trade.
- Understand that why international trade is called as barometer of development of nation.

### **DOL-1,2,3**

#### **Materials required and Teaching Aids**

Instructional Aid- Smart class modules, blackboard, chalk, duster, spiral, NCERT book

#### **Strategy-**

**Wipro Technique (KWL- *What you Know, What you will Learn, What you have learned*) , Collaborative Learning, graphic organisers.** Student -teacher interaction, Think- Pair and Share, silent/ loud reading;, group work - collaborative learning

- Competency : Critical Thinking and problem solving  
Citizenship

Collaboration

**Day 1 :** Introduction to the modes of transportation

- **Objective :** Understand that efficient means of transport are pre-requisites for fast development

#### **Anticipatory Set**

- **Recalling and interaction through question based on their previous knowledge like**
- **1. How producers supply goods in the market?**
- **2. What are the different modes of transportation?**
- **3. Why do we need different modes of transportation ?**
- **Wipro Technique: Brain storming, web chart, (KWL- *What you Know, What you will Learn, What you have learned*), Group work by presentation.**
- **DOL 1,2,3**

**Activity :** Introduction of the chapter with the help of interactions with student through Brain storming' and by asking questions based on their previous knowledge and formation of groups and assigning their topics. So that discussion of the topics (group wise) will take place.

Class will be divided into six groups .

**Group 1 – Roadways**

**Group 2 Railways**

**Group 3 Pipelines**

**Group 4 Waterways .**

**Group 5 Airways and international trade**

**Group 6 Communication and tourism as a trade**

students will sit together and in Collaboration they will discuss the topic given to them

- **Guided Practice- Spiral Level- 1- Questions topic wise**
- **Closure-** Summarisation by students with the help of mind map on their own.
- **Independent Practice-preparation of group presentation**
- **Day 2 Discussion of topic through interaction -Road Transport –types and problems of roads will be presented by group 1 and compilation will be done by the teacher.**

**Objective :** To evaluate the importance of roadways over railways with 90% accuracy.

To understand the classification of roadways and their problems

**Anticipatory Set-** Recapitulation of the previous day.

**Teaching strategy (WIPRO)–**Discussion, think pair share.

- Competency : Critical Thinking and problem solving  
Citizenship

Collaboration

### **DOL 1,2,3**

**Activity-** Activity-

Class presentation by

**Discussion of topic through interaction -Road Transport –types and problems of roads will be presented by group 1 and compilation will be done by the teacher**

After discussion

All the students will write importance of roadways and flow chart of classification of roadways on the basis of capacity in their notebooks on their own.

**The following questions will be asked to check their understanding:**

Write the Terminals of –

National highway-1 (Sher Shah Suri Marg)

National highway -2

National highway-7 (Longest highway)

Name the southernmost and northern most terminals of north-south corridors

- **Guided Practice- Spiral Level- 1- Questions**

- **Closure-** Summarization by students with the help of muddiest point

- **Independent Practice-** After discussion

All the students will mark the easternmost and westernmost terminals of east west corridors and southernmost and northernmost terminals of north south corridors.

- **Day 3 sub topic Discussion of topic through interaction-Rail Transport – importance and problems of roads will be presented by group 2 and compilation will be done by the teacher.**

- **Objective** To understand that the distribution pattern of the Railway network in the country has been largely influenced by physiographic, economic and administrative factors.

**Anticipatory Set-** Recapitulation of the previous day.

**Teaching strategy** (WIPRO)–Discussion, think pair share.

- Competency : Critical Thinking and problem solving  
Citizenship

Collaboration

### **DOL 1,2,3**

**Activity** Group presentation by Group 2 railways and compilation will be done teacher

**Guided Practice**

After discussion

- All the students will write the answer in their notebook  
Do you agree the distribution pattern of the railway network in India has not been uniform? Give reasons in support of your answer.

- **Closure-** Summarization by students with the help of mind map
- **Independent Practice- Spiral level 2 question**

**The following questions will be asked to check their understanding**

Answer the following questions in 30 words

- 1.State any three merits of roadway
- 2 Where and why is rail transport the most convenient means of transportation ?
- 3.Which railway has been developed along the west coast? What are its benefits and problems faced?  
When did the first train stem off in India  
Mention the breadth of different gauges of the railway lines in India

**Day 4 – Subtopic- waterways and pipelines**

- **Objective:** Understand that waterways are the cheapest means of transport. and are most suitable for carrying heavy and bulky goods.
- Different water ports in India.
- New arrival on land transportation its advantages and disadvantages

**Anticipatory Set-** Recapitulation of the previous day.

**Teaching strategy** (WIPRO)–group presentation , think pair share, , explanation by teacher

- Competency : Critical Thinking and problem solving  
Citizenship ,Collaboration

**DOL 1,2,3**

**Activity-** Group presentation by group 3 group no -4 and compilation will be done teacher.

**The following map questions will be asked to check their understanding:**

Which was the first port to be developed after independence and why?

Which was the biggest port with natural and well sheltered harbour?

Name two tidal ports.

Which is the premier iron ore exporting port in India?

Which port is located at the entrance of lagoon and where?

- **Guided Practice- Spiral level 1 question**
- **Closure-** Summarization by students with the help of flow chart
- **Independent Practice- Spiral level 2 question**

After discussion Map activity : students will locate important water ports on political map of India.

Spiral level 1 Q NO: 3

**Day 5 : Airways and international trade**

- **Objective:** Understand that why international trade is called as barometer of development of nation.
- **Advantages and disadvantages of airways.**

**Anticipatory Set-** Recapitulation of the previous day.

**Teaching strategy** (WIPRO)–Discussion, think pair share, group presentation

- Competency : Critical Thinking and problem solving  
Citizenship ,Collaboration

**DOL 1,2,3**

**Activity-** Group presentation of group 5 will analyses the importance of international trade

**The following questions will be asked to check their understanding:**

- In which states special provision have been made to air –service to the common people?
- What are the advantages and disadvantages of airways

- **Guided Practice- Spiral level 1 question**
- **Closure-** Summarization by students with the help of mind map
- **Independent Practice- map work : locate important international airports on political map of India**

**Day 6 : Communication and Tourism as a Trade.**

- **Objective:** Understand how modern communication serve as life lines of our nation and its modern
- Understand why tourism is considered as trade.

**Anticipatory Set-** Recapitulation of the previous day.

**Teaching strategy** (WIPRO)–Discussion, think pair share, group presentation

- Competency : Critical Thinking and problem solving  
Citizenship ,Collaboration

**DOL 1,2,3**

**Activity-** Group presentation of group 6 will analyses the importance of international trade

**NCERT Questions will be asked to check their understanding:**

- **Guided Practice- Spiral level 1 question**
- **Closure-** Summarization by students with the help of mind map
- **Independent Practice-**  
**After discussion students will write the answer in their notebook Why are the means of transportation and communication called the life line of a nation and its economy?**

**Class Test and doubt clarification class.**