



**TAGORE INTERNATIONAL SCHOOL**  
**VASANT VIHAR, NEW DELHI**  
**PARENTS SYLLABUS (2021-22)**  
**CLASS XII A**  
**APRIL-MAY**

Subject	Topics Covered / No. of Periods	Learning outcome	Activities	Assessments
Mathematics	<p><b><u>Inverse Trigonometric Functions</u></b>  <b>(9 days)</b>  <b><u>Bridge Course</u></b></p> <p><b><u>Bridge Course</u></b></p> <p><b><u>Continuity and differentiability</u></b>  <b>(15 days)</b></p>	<p>Each child will be able to</p> <ul style="list-style-type: none"> <li>*state what the terms domain , range , codomain</li> <li>Mean for a function</li> <li>*identify and apply appropriate trigonometric identities to questions</li> </ul> <p>Each child will be able to</p> <ul style="list-style-type: none"> <li>*recall the concepts of relations and functions</li> <li>* find the domain and range of relations and functions</li> <li>* under what conditions any function has its inverse</li> <li>* when can any trigonometric function have its inverse</li> <li>* principal value and range of inverse trigonometric functions</li> <li>*find the principal value of inverse trigonometric functions</li> <li>*apply the properties of inverse trigonometric functions to questions</li> </ul>	<p><b>Lab Activity: To draw <math>\sin^{-1}x</math> curve using <math>\sin x</math> about <math>y=x</math></b></p> <p><b>Art Integration: Coconut carving</b></p> <p><b>On the exterior of a half shell of a coconut , make designs using inverse trigonometric functions graphs and create a decorative piece and a short note on this art form from Lakshadweep</b></p>	<p>Class Work Home Work Google Slides- Assessment of domain and range and some values of inverse trigonometric functions</p> <p>Class Work Home Work</p> <p>Class test on differentiation</p> <p>Google Forms</p>

	<p><b><u>Bridge Course</u></b></p> <p><b><u>Applications of derivatives</u></b> <b><u>(12 days)</u></b></p>	<p>Each child will be able to</p> <ul style="list-style-type: none"> <li>*differentiate using product , quotient and chain rules</li> </ul> <p>Each child will be able to</p> <ul style="list-style-type: none"> <li>*recall the concept of existence of limit and process of differentiation using product ,quotient and chain rules</li> <li>*find the derivative of composite, inverse Trigonometric and implicit functions</li> <li>*make sense out of the concept of logarithmic differentiation</li> <li>* differentiate parametric function</li> <li>*find second order derivatives</li> <li>* define continuity and differentiability of a function</li> <li>*prove continuity and differentiability of a function</li> <li>*find points of discontinuity</li> </ul> <p>Each child will be able to</p> <ul style="list-style-type: none"> <li>*solve trigonometric equations</li> </ul> <p>Each child will be able to</p> <ul style="list-style-type: none"> <li>* recall the relation of derivative at a point with the slope of tangent</li> <li>*find the equations of tangent and normal at a given point on a curve</li> <li>*identify a given function to be increasing or decreasing</li> <li>*find the intervals in which a given function is increasing /decreasing</li> </ul>	<p><b>Lab Activity: To explain increasing and decreasing functions</b></p>	
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<p><b>English</b></p>	<p><b><u>WRITING SKILLS:</u></b>  <b>APRIL</b>  <b>( BRIDGE COURSE FOR REVISION):</b></p> <p>Report Writing</p> <p>Letter to Editor</p> <p>Job Application</p> <p><b>MAY:</b></p> <p>Notice Writing</p> <p>Classified Advertisements</p> <p>Article Writing</p> <p><b><u>LITERATURE:</u></b>  <b>APRIL-</b>  <b><u>FLAMINGO-</u></b>  The Last Lesson</p> <p>My Mother at Sixty Six</p>	<p>Write coherent and meaningful paragraphs through the process of drafting, revising, editing and finalizing. Organize and structure thoughts and ideas in accordance with the audience and purpose.</p> <p>Write grammatically accurate language .</p> <p>Develop a skill to write content with appropriate beginning, middle and end.</p> <p>Communicate ideas, points in proper writing style, tone and manner.</p> <p>Ask questions that are relevant and meaningful.</p> <p>Read literary text with clarity and enjoyment, interpret and appreciate characters.</p> <p>Recite the poem with appropriate expression and intonation.</p>	<p>Read out relevant reports published in the newspapers as a class activity.</p> <p><b><u>Experiential Learning:</u></b>  Class discussion on newspaper columns and editorial cut outs .</p> <p><b><u>Art Integration:</u></b>  Design and make notices for formal display on the notice board .</p> <p>Draft advertisements to be published in the newspaper.</p> <p>Buzz sessions and brainstorming on topics of article writing.</p> <p><b><u>Experiential Learning:</u></b>  Students will be asked to gather information about the elderly people in their family( extended), with whom they have been intimately connected and understand the challenges, fears, insecurities faced by them as a result of old age.</p>	<p>Assignments for practice.</p> <p>( CBSE Questions)</p> <p>Worksheets</p> <p>Google Classroom</p> <p>Practice Assignments</p>
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	<p>The Rattrap</p> <p>MAY: <u>VISTAS-</u> Should Wizard Hit Mommy?</p> <p>On The Face of It.</p>	<p>Analyze themes, plots and incidents and give opinions.</p> <p>Understand the explanation, identify and appreciate significant literary devices.</p> <p>Engage in conversation and class-discussion on topics and sub-topics.</p> <p>Compare and contrast the issues raised to everyday life experiences, think critically about the issues highlighted.</p>	<p>Presentation by students on information regarding why people turn into criminals, unrighteous humans, vagabonds. Pair and share.</p> <p>Question Bank prepared by students . Peer review.</p> <p>Class discussion.</p>	<p>Worksheets</p> <p>Google Classroom</p> <p>Quiz sessions</p>
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<p><b>Business Studies</b></p>	<p><b>APRIL</b></p> <ul style="list-style-type: none"> <li>● Nature and significance of management</li> <li>● Principles of Management</li> <li>● Management and Business Environment</li> </ul>	<p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● State the concept, objectives and importance of management.</li> <li>● Appreciate the nature of management as a science, an art and profession.</li> <li>● State the levels of management and discuss its functions.</li> <li>● Explain the various management functions.</li> </ul> <p><b>Each Student will be able to:</b></p> <ul style="list-style-type: none"> <li>● State the meaning, nature and principles of management.</li> <li>● Explain Fayol's principle of management.</li> <li>● Elaborate the principles of scientific management.</li> <li>● Apply the techniques of scientific management.</li> <li>● Compare research work of Taylor and Fayol</li> </ul> <p><b>Each Student will be able to:</b></p> <ul style="list-style-type: none"> <li>● Explain the meaning of Business environment.</li> <li>● Discuss the importance of business environment.</li> <li>● Describe the various elements of business environment.</li> <li>● Examine the economic environment in India and the impact of Government policies on business and industry with special reference to</li> </ul>	<p>Participation in group discussion.</p> <p><u>Art Integration</u></p> <p>Role plays as CFO, MD and BOD with teams and show importance of management and functions of each department.</p> <p><u>Experiential Learning</u></p> <p>Design a brochure of a company w.r.t.</p> <p>Objectives of management.</p> <p>Art Integration</p> <p>Slogan/jingle making</p> <p>Students to visit in giant retail outlets like any fast food chains / showroom to see how principles and techniques of management are being followed for CBSE Project.</p> <p>Visit to Library to find out the kind of principles implemented there.</p>	<p>Class Test</p> <p>Worksheet</p> <p>Assignment</p> <p>Case studies</p> <p>MCQs</p> <p>Google forms</p> <p>Quizziz</p> <p>Nearpod</p> <p>Brochures</p>
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	<ul style="list-style-type: none"> <li>Staffing</li> <li>Directing</li> </ul>	<ul style="list-style-type: none"> <li>state the meaning and importance of staffing.</li> <li>appreciate the function of staffing in human resource management.</li> <li>describe the process of staffing.</li> <li>classify the internal and external sources of recruitment.</li> <li>explain the steps in the selection process.</li> </ul> <p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>explain the meaning and importance of directing.</li> <li>list the four elements of directing.</li> <li>appreciate the importance of supervision.</li> <li>explain the importance and need of hierarchy in motivation.</li> <li>differentiate between financial incentives and non-financial incentive.</li> </ul>	<p>Brain -Storming - Internal source of recruitment is better than external source of recruitment. Find out from your family members &amp; relatives, the different kinds of training received &amp; their benefits.</p> <p>Brain- storming – role of supervisors to be abolished or no.</p> <p>Discussion on importance of financial &amp; non-financial incentives.</p> <p>Collect information about various ways to motivate employees in various organization</p>	<p>Assignment</p> <p>NCERT questions</p> <p>Class Test</p> <p>Revision assignment</p>
<b>Accountancy</b>	<p><b>APRIL</b></p> <p>1.Accounting for partnership firm – fundamentals.</p> <p>2. Accounting for partnership firm: Goodwill: nature and Valuation</p> <p>3.Accounting for partnership firm: change in profit</p>	<p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>do the accounting treatment for interest on partners loan as different from interest on partners' capital.</li> <li>do numerical based on: - adjustment through P&amp;L adjustment A/c.</li> <li>calculate interest on capital when closing balance of capital is given.</li> <li>do problems based on manager turned partner.</li> <li>prepare P&amp;L appropriation account</li> </ul>	<p>Practical assignment on Interest on drawings, Accounting treatment of salary/commission of partners, accounting treatment of partner's loan</p> <p>Practical assignment on accounting treatment of interest on partner's capital account, profit &amp; loss appropriation account, past</p>	<p>Worksheet</p> <p>Class Test</p> <p>Quiz</p> <p>Liveworksheets-Thing link</p>

	<p>sharing ratio among the existing partners.</p> <p><b>MAY</b>  4.Accounting for partnership firm: admission of a partner  5.Accounting for partnership firm: retirement and death of a partner.  6.Accounting for partnership firm: dissolution of a partnership firm</p>	<p>when a partner is giving guarantee if minimum profit to the firm.</p> <ul style="list-style-type: none"> <li>● prepare P&amp;L appropriation account when a Firm is giving guarantee of minimum profit to the partner</li> </ul> <p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● explain the meaning, characteristics, nature and need for valuation of goodwill,</li> <li>● factors affecting the value of goodwill.</li> <li>● explain the practical concepts of goodwill.explain the different methods of valuation of goodwill find out the difference between different methods of valuation of goodwill.</li> <li>● Calculate new profit-sharing ratio, sacrificing ratio and gaining ratio of the partners.</li> <li>● Calculate and journalize the effect of change in profit sharing ratio on the goodwill of the firm</li> <li>● Make revaluation account and balance sheet.</li> </ul> <p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● calculate the new profit ratio and sacrificing ratio.</li> <li>● do the accounting treatment of goodwill in different cases</li> </ul>	<p>adjustments.</p> <p>Students will discuss with their family members about partnership business and will gather information about type of partners</p> <p>Group discussion on concept and features of Goodwill.</p> <p>Practical assignment on various methods of valuation of goodwill.</p> <p>Students will be asked to watch news channels of read newspaper and bring real life example for goodwill.</p> <p>Discussion on new profit ratio and old ratio</p> <p>Discussion on requirement of sacrificing</p>	<p>Google forms</p> <p>Assignments</p> <p>Padlet</p> <p>Google classroom</p> <p>Class Tests</p> <p>Google forms</p> <p>Assignments</p> <p>Padlet</p> <p>Google classroom</p>
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		<ul style="list-style-type: none"> <li>● treat of goodwill already existing at the time of admission of a partner.</li> <li>● personal goodwill and other assets brought in by the new partner</li> <li>● prepare and journalize the revaluation account</li> <li>● pass journal entries relating to distribution of accumulated profits and reserves.</li> <li>● prepare revaluation a/c, partners' capital a/c and partners current a/c, and balance sheet of new firm.</li> <li>● show adjustment of capitals on the basis of incoming partners' capital accounts.</li> <li>● calculate new partner's sacrificing ratio and gaining ratio.</li> <li>● differentiate between sacrificing and gaining ratio.</li> <li>● revalue assets and reassess liabilities</li> <li>● prepare revaluation a/c, make accounting entries to record revaluation and profit / loss on revaluation.</li> <li>● make distribution of accumulated profits and reserves.</li> <li>● show treatment of hidden goodwill on retirement as well as treatment on goodwill on retirement. show.</li> </ul>	<p>ratio</p> <p>Practical assignment on sacrificing ratio, gaining ratio and change in profit sharing ratio.</p> <p>Written test on calculation of new profit-sharing ratio, sacrificing ratio and gaining ratio.</p> <p>Students to find some real partnership firm and bring information about change in profit sharing ratio.</p> <p>Assignment on calculation of profit till the death of a Partner.</p> <p>Assignment on preparation of deceased partners' capital accounts.</p> <p>discussion on revaluation account and realization account</p> <p>Practical assignment on dissolution of a partnership firm (full questions)</p>	
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<b>Economics</b>	<p><b>APRIL</b>          Liberalisation          Globalisation          Privatisation          Reasons for adoption of the New Economic Policy          Privatisation-Need of the Hour?</p> <p><b>APRIL/MAY</b>          National Income and Related aggregates.          a. Basic concepts          b. Circular flow of Income</p>	<p><b>Each student will be able to:</b></p> <p>Understand the background of the reform policies.          -the mechanism through which reform policies were introduced          Discuss the causes for the adoption of the New Economic policy.</p> <p>Understand different methods for the measurement of national income</p> <p>Define income method</p>	<p>Observe around you— you will find State Electricity Boards (SEBs), BSES and many public and private organizations supplying electricity in a city and states. Compare the differences . There are private buses on road Why has private transport increased? Make a list of government agencies that have been privatized recently.</p> <p>Analyse the reasons for the same. An ambassador in the US embassy in India stays in his job for a period exceeding one year. Would he be</p>	<p>Class tests          Peardeck revision question- for classroom assessment</p> <p>Google forms          Jam boards          Worksheets</p> <p>Class tests</p>

	<p>c.derive the formulae  D.basic concepts  Methods of calculating national income  Deriving the formulae  Aggregates related to national income  Real and Nominal GDP</p>	<p>Know expenditure method  Classify factor income  Analyze the circular flow of income  Discover the flow of income in various sectors  Understand different sectors.  Calculate numerical  Compare between real and nominal income    Justify the importance of real GDP</p>	<p>treated as a resident or a non-resident of India?  Why is income earned by foreigners working in a branch of a foreign bank in India a part of the domestic factor income?  In what sense can defense and security provided by the government be treated as intermediate service?  Poetry  Increase in per capita income means increase in per capita availability of goods and services. Does it necessarily mean a rise in the welfare of the people in the country? Give two arguments in support of your answer and explain the same</p>	<p>Peardeck revision question- for classroom assessment    Google forms  Jam boards  Worksheets</p>
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