







**TAGORE INTERNATIONAL SCHOOL**  
**VASANT VIHAR, NEW DELHI**  
**SYLLABUS (2021-2022)**  
**CLASS: XII A**  
**June-January**


<b>JUNE</b>				
<b>Subject</b>	<b>Topics Covered/ No. of Periods</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>
<b>Mathematics</b>	<b>Part I</b> Continuity & Differentiability	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>● differentiate using logarithm</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>Students will watch the relevant video at home            Read NCERT examples at home</p> <p>LAB ACTIVITY: To sketch the graphs of <math>ax</math> and <math>\log ax</math>, <math>a &gt; 0</math>, <math>a \neq 1</math> and to examine that they are mirror images of each other</p>	<p>Through small tests in fundamentals</p> <p>Class Work</p> <p>Home work</p>
	<b>Part I</b> Application of derivatives	<p><b>Each student will be able to</b></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>Students will watch the relevant video at home.            Read NCERT examples at home</p> <p>LAB ACTIVITY: To understand the concepts of increasing and decreasing functions</p>	<p>Class work</p> <p>Home work</p> <p>Google Forms</p>

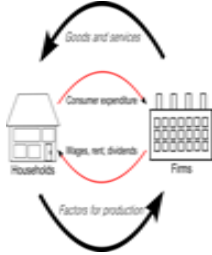
			<b>ART INTEGRATION:</b> Create a Madhubani Art style of painting. In the painting identify at least 4 increasing/ decreasing , neither increasing /decreasing , strictly increasing /decreasing functions by highlighting the curves on a cartesian plane. Also, write a short note on Madhubani style of painting	
<b>English</b>	Job Application & Resume  Rattrap  Aunt Jennifer's Tiger  Mother at sixty-six  Should Wizard Hit Mommy	Students will be able to write the job application and the resume correctly.  Argue the points in favour of showing empathy to change the character of the peddler, who was a small time.  Students will be able to understand the concept of suppression of the female by the male dominated society. The ill effects of the patriarchal society.  Complete the answers related to the concept of old age and separation and loss of a parent.	Tasks on Report Writing (Letter to the Editor revision) Job Application.  Worksheet  Peer evaluation, question bank by students in groups.  Short and long questions discussed.  Q1. Why was the peddler amused at the idea of the world  Interview their parents, learn about how they feel about their old and ailing parents. Try and	CBSE question answers  Google forms  Worksheet and assignments

	<p>(John Updike)</p> <p>Deep Water</p>    <p>Article Notice</p>	<p>Students will be able to attempt the question about the two perspectives elaborated in the lesson. The perspective of a child and the perspective of an adult.</p>    <p>Students will be able to recall the format.</p>	<p>understand about their insecurity and fears.</p> <p>Peer review to provide clarity to the concept followed by written work.</p> <p>Jam board activity</p> <p>Clarification on form and content through quiz followed by written work.</p>	
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<p><b>Business Studies</b></p>	<ul style="list-style-type: none"> <li>Business Environment</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 liberalization, privatization and Globalization.</li> </ul>	 <p>Collect articles related to business environment from the newspaper for discussion.</p> <p>Discussion with real life examples on impact of business environment on business and industry</p> <p>Students have to take any dimension of environment and visit society to collect information for analysis</p>	<p>Class Test</p> <p>MCQs</p> <p>Worksheet</p> <p>Assignment</p> <p>Quiz</p>
	<ul style="list-style-type: none"> <li>Planning</li> </ul>	<p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>State the concept of planning.</li> <li>Explain the importance of planning.</li> <li>Realize the limitations of planning.</li> <li>Explain the process of planning.</li> <li>Differentiate between strategy, objectives, policy, procedure, method, rules, budget and Programs.</li> </ul>	 <p>Making of a plan for a picnic</p>	<p>Class Test</p> <p>Assignment</p> <p>NCERT questions</p> <p>Class Test</p> <p>Assignment</p> <p>NCERT</p>

	<ul style="list-style-type: none"> <li>Organising</li> </ul>	<p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>Highlight the importance of organizing.</li> <li>Elaborate the steps in the process.</li> <li>Describe functional and divisional structures of org.</li> <li>Explain formal and informal organization.</li> <li>Define delegation and decentralization.</li> <li>Explain the importance of delegation and decentralization.</li> <li>Differentiate between delegation and decentralization.</li> </ul>	 <p>Flipped Class on relationship of authority, responsibility and accountability. Participation in discussion (formal &amp; informal organization)</p>	<p>questions</p>
<p><b>Accountancy</b></p>	<ul style="list-style-type: none"> <li>Accounting for partnership firm: change in profit sharing ratio among the existing partners.</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> <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> </ul>	 <p>Students to find some real</p>	<p>Class Tests</p> <p>Google forms</p> <p>Assignments</p> <p>Padlet</p> <p>Google classroom</p>

	<ul style="list-style-type: none"> <li>Accounting for partnership firm: admission of a partner.</li> </ul>	<ul style="list-style-type: none"> <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.</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> <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> </ul>	<p>partnership firm and bring information about change in profit sharing ratio.</p> <p>Discussion on new profit ratio and old ratio</p>  <p>Discussion on requirement of sacrificing ratio</p> <p>Practical assignment on sacrificing ratio, gaining ratio and change in profit sharing ratio.</p>	<p>Class Tests</p> <p>Google forms</p> <p>Assignments</p> <p>Padlet</p> <p>Google classroom</p>
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			Written test on calculation of new profit-sharing ratio, sacrificing ratio and gaining ratio.	
<b>Economics</b>	<p>National Income and Related aggregates. Basic concepts Circular flow of Income derive the formulas Methods of calculating national income Deriving the formulas Aggregates related to national income Real and Nominal GDP POVERTY Meaning Measures of poverty Concept of poverty line Causes of poverty Poverty alleviation program</p>	<p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>Identify the different methods for the measurement of national income</li> <li>Define income method</li> <li>Know expenditure method</li> <li>Classify factor income</li> <li>Analyze the circular flow of income Discover the flow of income in various sectors.</li> </ul> <p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>Identify the various attributes of poverty. Comprehend the diverse dimensions relating to the concept of poverty. Critically appreciate the way poverty is estimated.</li> <li>Appreciate and be able to assess existing poverty alleviation programs.</li> <li>analyze the current economy scenario in India.</li> </ul>	<p>Playing a game may be able to create a spirit of competition and challenge through which learning may be enhanced.</p> <p>Collect articles related to changes in GDP from the newspaper for discussion.</p>  <p>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>Newspaper articles on poverty Dramatization</p>	<p>Worksheets Use of different worksheets on google forms. Peer groups to solve more numerical problems, to discuss tricky questions. Use Economic newspaper, Economic magazines as yojana, to know about the status of national income of a country.</p> <p>Class tests Worksheets Google forms Jam boards</p>


**JULY**


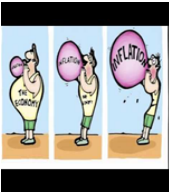
Subject	Topics Covered/ No. of Periods	Learning Outcome	Activities	Assessments
<b>Mathematics</b>	<p><b>Part I</b> Application of derivatives</p> <p><b>Part II</b> Integrals</p>	<p><b>Each student will be able to</b>                      *calculate the point of max/min in a given interval                      *differentiate btw absolute max/min and local max/min                      *apply the theory of max/min to solve word problems</p> <p><b>Each student will be able to</b>                      *define the concept of antiderivative                      *learn the integral of basic functions by the method of inspection                      *integrate by substitution                      *apply the method of substitution to solve problems of integration by using trigonometric identities                      *integrate some particular functions                      *apply the method of by parts to integrate</p>	<p><b>LAB ACTIVITY:</b>                      1) To understand the concepts of max and min values of a function in a closed interval through                      2) To understand the concepts of local maxima, local minima and point of inflection.                      3) To construct an open box of maximum volume from a given rectangular sheet by cutting equal squares from each corner</p> <p>Make a comparison between differentiation and integration using Canva</p>	<p>Through small tests in fundamentals                      Class work</p> <p>Homework from NCERT                      (To be uploaded on Google classroom)</p> <p>Homework from NCERT                      (To be uploaded on Google classroom)</p> <p>Oral questioning</p> <p>Quiz</p> <p>Short Class tests</p>




<b>English</b>	Article (revision)	<b>Each student will be able to</b> Recall the format and attempt the questions correctly.	Students will be instructed to read articles in newspapers and magazines and share their inputs in class.  Students will then write articles with the correct format.	Worksheet Assignments Quiz  CBSE questions
	Advertisements-Classified	<b>Each student will be able to</b> Recall the format and attempt the questions correctly.	Students will collect different advertisements from the newspaper and share it in the class. Discuss the format and learn how to write the classified advertisements.	
	On the Face of it(Susan Hill)	Students will be able to correctly answer the question of being optimistic even in the face of adverse circumstances in life.	Collaborative learning/Role	
	Keeping Quiet	Students will be able to correctly answer the reference to the context questions and the short answer and long answer type questions.	Play: Two students will pair up and each will take up the role of Jerry or Mr Lamb Analyse. Why do the two characters in the lesson face humiliation? Why human beings cannot live by the motto 'live and let live'	
	Indigo	Detailed discussion along with a PPT.	Each child will be instructed to	
		PPT on the format and content.	connect the situation Covid 19 to the theme of self- healing of Nature without human	

	Invitation and Replies		<p>intervention. The importance of reflection.</p> <p>Students instructed to do a close reading on the chapter.</p> <p>Students will be instructed on how to formulate an invitation and its reply.</p>	
<b>Business Studies</b>	<ul style="list-style-type: none"> <li>● <b>Marketing Management</b></li> </ul>	<p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● Describe the elements of marketing mix</li> <li>● State meaning and classification of product</li> <li>● Elaborate the importance of branding, labelling and packaging</li> <li>● State the meaning and role of physical distribution</li> <li>● Explain the factors determining choice of channels of distribution</li> <li>● Examine the objections to advertising</li> </ul>	 <p>Activity based learning (use of packets of products)</p> <p>Product Placement activities.</p> <p><b><u>Art Integration</u></b></p> <p>Slogan/jingle making</p> <p><b><u>Experiential learning</u></b></p> <p>Turning old into new(Take any old/used product and create something new from this)</p>	<p>Assignment</p> <p>NCERT questions</p> <p>Class test</p>             <p>Assignment</p> <p>NCERT questions</p>

			<p>Making commercials</p>  <p><b>Art Integration</b></p> <p>Design a label of a product by using hand/vegetable painting</p>	<p>Class test</p> <p>MCQs</p>
<p><b>Accountancy</b></p>	<p>Accounting for partnership firm: dissolution of a partnership Firm</p> <ul style="list-style-type: none"> <li>● <b>Accounting for Share Capital</b></li> </ul>	<p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● explain the concept of dissolution</li> <li>● find out the types of dissolution of a firm</li> <li>● discuss how to settle accounts</li> <li>● prepare realization a/c and other related a/c, capital a/cs of partners</li> </ul> <p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● State the meaning of equity and preference share</li> <li>● State the type of shares.</li> <li>● Classify share capital of company</li> </ul>	<p>Practical assignment on dissolution of a partnership firm (full questions)</p> <p>Newspaper cuttings in the form of collage related to public offer for sale.</p> <p><b><u>Experiential learning</u></b></p> <p>Recording of share prices for one week and calculating profit/loss therefrom.</p> <p>Mock-stock activity</p>	<p>Google forms</p> <p>Assignments</p> <p>CBSE questions</p> <p>Assignments</p> <p>MCQs</p>

		<ul style="list-style-type: none"> <li>● Exhibit share capital in balance sheet</li> <li>● Pass journal entries for issue of shares, forfeiture of shares and reissue</li> <li>● Make accounting treatment of rights issue, issue of shares to promoters and vendors.</li> <li>● Differentiate between capital reserve and reserve capital.</li> </ul>		Class test
<b>Economics</b>	<p>Determination of Income and employment.</p> <p>Component of Aggregate Demand Consumption Function Savings Functions Determination of Equilibrium. Multiplier</p> <p>Excess Demand Deficient demand</p> <p>Monetary Policy</p> <p>Infrastructure Meaning</p> <p>Types Economic Vs Social Problems</p> <p>State of infrastructure in India.</p>	<p><b>Each student will be able to:</b></p> <p>Identify the concept of Aggregate demand and state its components. Derive the consumption and savings from Income <math>Y=C+S</math></p> <p>Determine the short run fixed price in product market equilibrium, output, investment.</p> <p>Multiplier and its working Deficient demand and Excess demand Measures to combat the changes in equilibrium and output.</p> <p><b>Each student will be able to:</b></p> <p>Be aware of various Challenges of the</p>	<p>Discussion on how The sub-prime crisis in the United States of America led to economic repercussions in the everyday lives of not only Americans but also in India</p>  <p>Discuss the importance of medical facilities in the country</p>	<p>Class Test</p> <p>MCQs</p> <p>Worksheet</p> <p>Assignment</p> <p>Quiz</p> <p>Class Test</p> <p>MCQs</p> <p>Worksheet</p>

		<p>Indian economy.</p> <p>To enable the students to understand the concept and strategies of current Challenges facing Indian economy.</p> <p>To get them important knowledge about the issues relating to current Challenges facing Indian economy.</p> <p>To be able to analyze the current economic scenario in India.</p>	<p>for HCF as well as earning income</p> <p>DEBATE AND DISCUSSION Example How does Infrastructure help in the development of Indian economy?</p> <p>A parliamentary debate in the light of the current scenario.</p> <p>Some value based questions and PISA based questions related to current Challenges facing Indian economy given to students.</p> <p>Design a FLIER by using any traditional art design as borders showing infrastructure.</p> 	<p>Assignment</p> <p>Quiz</p>
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**AUGUST**



Subject	Topics Covered/ No. of Periods	Learning Outcome	Activities	Assessments
Math	Part II Integrals	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>*apply the method of partial fractions to integrate</li> <li>*make sense out of the concept of definite integral of a function</li> <li>*evaluate definite integral using fundamental theorem of calculus</li> <li>*apply the properties of definite integrals in solving questions.</li> </ul>	Quiz on formulae related to integration	Class work Homework from NCERT (To be uploaded on Google classroom) Google Form
	Part I Relation & Functions	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>* state the types of relations ; reflexive , symmetry , transitive and equivalence and define them</li> <li>* solve questions based on the types of relations</li> <li>*state the types of functions : one-one(injective) , onto(surjective)</li> <li>* solve questions based on the types of functions.</li> </ul>	<p>LAB ACTIVITY: 1) To verify that the relation R in the set L of all lines in a plane , defined by <math>R = \{ (l,m) : l \parallel m \}</math> is an equivalence relation.</p> <p>2) To demonstrate a function which is not one-one but is onto</p>	<p>Homework from NCERT (To be uploaded on Google classroom)</p> <p><a href="https://diksha.gov.in/play/content/do_3130887668530954241214">https://diksha.gov.in/play/content/do_3130887668530954241214</a>(MCQ's)</p> <p>Class Work Homework from NCERT (To be uploaded on Google classroom)</p>
	Part I Linear Programming	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>* get familiarised with terms objective</li> </ul>		


	<p><b>Part II Application of integrals</b></p> <p><b>Part II Differential Equations</b></p>	<p>function, linear constraints, non – negative constraints</p> <ul style="list-style-type: none"> <li>* describe a linear programming problem as a one that is concerned with finding the optimal value (maximum or minimum) of a objective function of several variables that are non – negative and satisfy a set of linear constraints</li> <li>* solve graphically the linear programming problems by corner point method by identifying feasible region (bounded), corner points and thus finding the optimal feasible solution</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>*recall the concept of definite integrals</li> <li>*sketch the various standard curves</li> <li>*calculate the area under simple curves,area of the region bounded by a curve and a line</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>* identify an equation involving derivatives of the dependent variable with respect to independent variable as a differential equation</li> <li>* distinguish between order and degree of any differential equation and state the order and degree(if any)</li> <li>* solve a differential equation and find its general solution and also particular</li> </ul>	<p>Quiz to test on standard equations of conic sections</p> <p>Experiential Activity : To find the area of a leaf</p> <p>Experiential Activity: To observe the types of curves formed when a bucket of still water is disturbed by throwing a coin in it</p> <p>Quiz on degree and order of a differential equation</p> <p>Art Integrated Learning:Find a pattern of family of curves in a picture of S H Raza and also</p>	<p>Google Form</p> <p>Homework from NCERT (To be uploaded on Google classroom) Google Form <a href="https://diksha.gov.in/play/content/do_31309425016164352011711">https://diksha.gov.in/play/content/do_31309425016164352011711</a></p>
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		<p>solution</p> <ul style="list-style-type: none"> <li>* apply variable separable method to solve an equation in which variables can be separated completely</li> <li>* identify and solve a differential equation that can be expressed in the form <math>dy/dx = f(x,y)</math> or <math>dx/dy = g(x,y)</math> as homogeneous differential equation</li> </ul>	<p>sketch it</p>	
<p><b>English</b></p>	<p>Evans tries O Level</p> <p>Speech and Debate</p> <p>A Thing of Beauty</p>	<p><b>Each student will be able</b> to write the questions correctly.</p> <p><b>Each student will be able</b> to understand and write the format correctly.</p> <p><b>Each student will be able</b> to understand and write the analysis correctly.</p>	<p>Students will be instructed to do a role play -Evans writing his exam and the exchange of personalities, the exchange of disguise</p> <p>(Art Integration)</p> <p>Visit to a prison(Experiential Learning)</p> <p>PPT on format and content to be shown to the students the difference in approach when formulating a debate and a speech.</p> <p>Students will be shown a PPT.Discussion on the Romantic Era and the great poets. Their</p>	<p>Worksheet Assignments</p> <p>Quiz</p> <p>Oral discussion</p> <p>CBSE questions</p> <p>Worksheet Assignments</p> <p>Quiz</p> <p>Oral discussion</p>



	<p>The Enemy</p> <p>An Elementary School Classroom in a Slum</p>	<p><b>Each student will be able</b> to understand and write the answers correctly.</p> <p><b>Each student will be able</b> to understand the central theme, poetic devices in the poem.</p>	<p>works and its significance.</p> <p>Line by line explanation of the poem</p> <p>Video on World War I&amp;II</p> <p>Analysis of the characters and theme.Discussion.</p> <p>Line by line explanation of the poem.</p> <p>Buzz session.</p>	<p>CBSE questions</p>
<p><b>Business Studies</b></p>	<p><b>Marketing Management contd.</b></p>	<ul style="list-style-type: none"> <li>● Analyze the role of sales promotion in marketing</li> <li>● Explain the meaning, role and methods of advertising</li> <li>● State the role of personal selling</li> <li>● State the various public relations tools</li> <li>● Differentiate between advertisement and publicity</li> </ul>	<p>Students will be asked to:</p> <p>Point out the factors to be taken in to consideration for product, price and place mix</p> <p>Exemplify various modes of distribution of goods.</p> <p>Students will be asked to exemplify various modes of promotion and evaluate them.</p> <p>Designing an advt for the given product(EL).</p>	<p>Assignment</p> <p>NCERT questions</p> <p>Class test</p> <p>MCQs</p>

			<p><b>Art Integration</b></p> <p>Design a label of a product by using hand/vegetable painting</p> 	
<p><b>Accountancy</b></p>	<ul style="list-style-type: none"> <li>● <b>Accounting for Share Capital (continued)</b></li> </ul>	<p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● Classify share capital of company</li> <li>● Exhibit share capital in balance sheet</li> <li>● Pass journal entries for issue of shares, forfeiture of shares and reissue</li> <li>● Make accounting treatment of rights issue, issue of shares to promoters and vendors.</li> <li>● Differentiate between capital reserve and reserve capital.</li> </ul>	<p>Students will be asked to :</p> <ul style="list-style-type: none"> <li>-Ascertain the amount of premium or discount in different cases.</li> <li>-ascertain the amount of loss on reissue</li> <li>-compute the amount of capital reserve.</li> </ul> <p><b><u>Art Integration</u></b></p> <p>Design Indian currency by using any form of art.</p> 	<p>NCERT questions</p> <p>Worksheet</p> <p>Assignment</p>

<p><b>Economics</b></p>	<p>Employment and Growth</p> <p>Different kinds of unemployment.</p> <p>Rural and Urban Causes Strategies</p> <p>Human Capital Formation -How people are a resource.</p> <p>Role of human capital in development</p> <p>Environment and sustainable development</p> <p>RURAL DEVELOPMENT</p> <p>Identify the need for rural development and the major issues associated with it</p> <p>• understand the critical role of credit and marketing systems in rural development</p>	<p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>• Identify basic concepts relating to employment such as economic activity, worker, workforce and unemployment.</li> <li>• Identify the nature of participation of men and women in various economic activities.</li> <li>• Know the nature and extent of unemployment.</li> <li>• Role of human capital formation</li> <li>• Problems Factors affecting human capital</li> <li>• identify the importance of human capital formation.</li> </ul> <p>Identify the ways it's done.</p> <p>Comprehend the difference between human development and capital formation.</p> <p>To familiarize student concept of current Challenges facing Indian economy, especially rural development</p>	<p>Crossword on unemployment</p> <p>Provision of employment opportunities is the only stable solution to the problem of poverty. Do you agree to this statement? Comment</p>  <p>For preparing a bulletin board of your class with 40 students, who amongst the total is an actual asset to work-skilled or unskilled</p> <p>Quiz on Human capital formation</p> <p>Song or Lyrics. Allow students to showcase talent and simultaneously learn content through preparing songs and lyrics.</p> <p>Hands-on experiments and activities. Some activities related to current Challenges facing Indian economy like picture</p>	<p>Class Test</p> <p>Assignment</p> <p>NCERT questions</p> <p>Class Test</p> <p>Revision assignment</p>
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			graph, table, diagram, comprehension, different case studies related to primitive and modern are given to the students for lesson understanding.	
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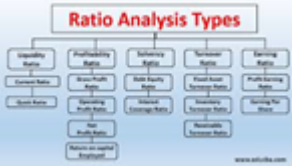


**SEPTEMBER**

Subject	Topics Covered/ No. of Periods	Learning Outcome	Activities	Assessments
<b>Mathematics</b>	<b>Part I</b> <b>Differential Equation</b>	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>* identify and solve a differential equation of the form <math>dy/dx + Py = Q</math> as a first order linear differential equation</li> </ul>		
	<b>Part II</b> <b>Probability</b>	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>* define and find the conditional probability of an event E, given the occurrence of the event F</li> <li>* list the properties of conditional probability</li> </ul>	<p><b>Experiential Activity:</b> Take 2 bags, bag 1 containing 4 one rupee coins and 2 two rupee coins and the other containing 2 one rupee coins and 4 two rupee coins The probabilities of selecting either bag is equally</p>	<p>Class work Homework from NCERT (To be uploaded on Google classroom) Google Form</p>

		<ul style="list-style-type: none"> <li>* apply multiplication theorem on probability</li> <li>* define independent events</li> <li>* describe partition of a sample space</li> <li>* state theorem of total probability and apply to questions.</li> <li>*make sense out of the concept of reverse probability</li> <li>*apply the Bayes' theorem</li> <li>*define a random variable</li> <li>*apply the concept of random variable</li> </ul>	<p>likely. Select any bag and draw a coin from it. Try to answer the following question</p> <p>a) Given that the coin selected is one rupee coin, what is the probability it was selected from the first bag?</p> <p>b) Given that the coin selected is one rupee coin, what is the probability it was selected from the second bag?</p>	
<b>English</b>	<p>Third Level</p> <p>Interview</p> <p>Enquiry Letter and Reply (Personal and Business)</p> <p>Letters of Placing Order, Cancellation of Order,</p>	<p><b>Each student will be able to</b> answer the questions correctly.</p> <p><b>Each student will be able to</b> appreciate the fact that it was a much more peaceful world before the two devastating wars which plunged the world in despair and depression.</p> <p><b>Each student will be able to</b> understand the concept of conducting an interview and its true purpose.</p>	<p><b>Activity</b> Students are encouraged to share their experience about what they would like to change in the times in which they live.</p> <p>Discuss about time travel.Ponder over the living conditions before the two world wars .</p> <p>Students are instructed to read the text thoroughly.</p> <p>Reflection on the situation in the present scenario of joblessness. Formulate the content of the letter. You tube video</p>	<p>Class work Homework from NCERT (To be uploaded on Google classroom) Assignment</p>

	<p>Complaint letter</p> <p>The Roadside stand</p> <p>Memories of Childhood</p>	<p><b>Each student will be able to</b> write the letter using the correct format.</p> <p><b>Each student will be able to</b> understand the poem and write the answers correctly.</p> <p><b>Each student will be able to</b> answer the questions correctly.</p>	<p>PPT:FORMAT AND CONTENT</p> <p>Students are instructed to write the letter using the correct format. The content of each letter will be</p> <p>Explanation of the concept of neglect. Unequal distribution of wealth among urban and rural sector Buzz session</p> <p>Discussion what do you gather on one reading of the poem</p> <p>Literary devices used and how?</p> <p>Unequal distribution of wealth, its effects.</p> <p>Youtube video on caste and the importance of preserving one's own identity and letting every individual own his or her opinion in life.</p>	
<b>Business Studies</b>	<b>Consumer Protection</b>	<p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● Explain the importance of consumer protection</li> <li>● Discuss the rights and</li> </ul>	<p>Create a pamphlet on consumer awareness.</p>	Assignment

		<p>responsibilities of consumers</p> <ul style="list-style-type: none"> <li>● Examine the means of consumer protection</li> <li>● Explain the role of consumer organizations and NGOs</li> </ul>		<p>NCERT questions</p> <p>Class test</p>
<p><b>Accountancy</b></p>	<p><b>Analysis of Financial Statements of a company</b></p>	<p><b>Each student will be able to :</b></p> <ul style="list-style-type: none"> <li>● Explain the need of analysis of Financial statements</li> <li>● Prepare comparative and common size statements</li> <li>● Classify various items of Balance sheet under their respective headings.</li> <li>● Explain the meaning of accounting ratios.</li> <li>● Explain the meaning of accounting ratios.</li> <li>● Understand the objectives and limitations of accounting ratios.</li> <li>● Classify the ratios</li> <li>● Compute liquidity and solvency ratios and analyse them.</li> <li>● Compute activity and solvency ratios</li> <li>● Express their opinion about the operational efficiency and financial soundness of the company</li> <li>●</li> </ul>	 <p>Annual report or segment report of listed companies(E/L)</p>   <p>Draw a chart showing significance of each ratio.</p>	<p>Quiz</p> <p>Assignments</p> <p>Worksheet</p>

<b>Economics</b>	<p>Balance of Payments and Foreign Exchange.</p> <p>Foreign Exchange and Balance of Payments</p> <p>Development</p> <p>Experience of India</p> <p>India's relation with China and Pakistan</p>	<p><b>Each student will be able to:</b></p> <p>Define foreign exchange</p> <p>Determine the rate of exchange</p> <p>Give reasons for the fluctuations in foreign exchange.</p> <p>Explain why a deficit in the current account of the balance of payments may result in downward pressure on the exchange rate of the currency.</p> <p>Analyse India's relation with neighbouring countries, its development vis a vis development experience of neighbours.</p>	<p>the methodology of determining exchange rate and the components of the Balance of Payments are to explained taking up to date data from daily newspapers and other resources.</p> <p>Reasoning for why the US Dollar is taken as the unit of exchange is also explained.</p> <p>Design currency by vegetable dyeing</p> <p>Some value-based questions and PISA based questions related to the lesson.</p> <p>DEBATE AND DISCUSSION</p>	<p>Quiz</p> <p>Assignments</p> <p>Worksheet</p> <p>Class tests</p> <p>Worksheets</p> <p>Google forms</p>
<b>OCTOBER</b>				
<b>Subject</b>	<b>Topics Covered/ No. of Periods</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>



<b>Mathematics</b>	<b>REVISION TERM 1</b> <b>PRE BOARDS TERM 1</b>			
<b>English</b>	Poets and Pancakes          The Tiger King	<p><b>Each student will be able to</b> answer the questions correctly.</p> <p>Students will be instructed to research on the prevailing scenario during the black and white era of movie</p> <p>Discuss their research about the tiger population in India pre-independence and post-independence.</p> <p>What did the students discover? Discussion</p> <p>Reference:An Era of darkness Shashi Tharoor</p> <p>World life conservation and the significance of the story.</p> <p>Students will be instructed to analyse the chapter. Students will be able to state the teenage infatuation affecting the main character and her illusions.</p> <p>State correctly the factors which lead to</p>	<p>Flip</p> <p>Detailed explanation</p> <p>Students were instructed to watch the video on the logo of the Gemini Studio</p> <p>Does the chief astrologer divulge the cause of death of the little Tiger King?</p> <p>How did English education affect the young prince in his later life?</p> <p>Long Questions:</p> <p>Do you agree with the statement that the chief astrologer's</p> <p>Thread bear analysis of the characters and the situations in</p>	<p>Worksheet: Short questions and answers</p> <p>Assignments</p> <p>CBSE Questions discussed in the class. HW and CW to be uploaded in the google classroom.</p>



	<p>Going Places</p> <p>Journey to the end of the Earth</p> <p>Commercial advertisements and Poster</p> <p>Lost Spring</p>	<p>the greenhouse effect and how it shall lead to disaster for the rest of the world in future.</p> <p>Apply the format correctly and answer the questions correctly.</p> <p>List the different circumstances which hinder their growth. Mukesh and Saheb e Alam.</p>	<p>life.</p> <p>Reference to the context and long answers discussed.</p> <p>Activity: Find out about the greenhouse effect on the globe.</p> <p>Discussion.</p> <p>Discussion.</p>	
<b>Business Studies</b>	<b><u>REVISION TERM 1</u></b> <b><u>PRE-BOARDS TERM 1</u></b>			<b>REVISION</b>
<b>Accountancy</b>	<b><u>REVISION TERM 1</u></b> <b><u>PRE-BOARDS TERM 1</u></b>			
<b>Economics</b>	<b><u>REVISION TERM 1</u></b> <b><u>PRE-BOARDS TERM 1</u></b>			
<b>NOVEMBER</b>				
<b>Subject</b>	<b>Topics Covered/ No. of Periods</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>

<b>Mathematics</b>	<b><u>TERM 1 BOARD EXAMS</u></b>			
<b>English</b>	<b>Revision for pre boards</b>	To clear doubts , practice questions from previous years papers	Quiz	Long and short answers
<b>Business Studies</b>	<b><u>TERM 1 BOARD EXAMS</u></b>			
<b>Accountancy</b>	<b><u>TERM 1 BOARD EXAMS</u></b>			
<b>Economics</b>	<b><u>TERM 1 BOARD EXAMS</u></b>			
<b>DECEMBER &amp; JANUARY</b>				
<b>Subject</b>	<b>Topics Covered/ No. of Periods</b>	<b>Learning Outcome</b>	<b>Activities</b>	<b>Assessments</b>

<p><b>Mathematics</b></p>	<p><b>Part II</b></p> <p><b>Vector Algebra</b></p>	<p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>* differentiate scalars and vectors by giving examples</li> <li>* describe a vector with initial and terminal points with a direction and magnitude as the distance between the endpoints</li> <li>* describe a vector in space</li> <li>* describe a vector in space in terms of its direction cosines</li> <li>* establish a relationship among the direction cosines</li> <li>* recognise that direction ratios are proportional to direction cosines</li> <li>* list the types of vectors and define them like zero vector, unit vector, coinitial vectors, collinear vectors, equal vectors, negative of a vector</li> <li>* add two vectors using triangle law of vector addition</li> <li>* list the properties of vector addition</li> <li>* multiply a vector by a scalar</li> <li>* represent a vector as in its component form</li> <li>* state the relation between the scalar components of collinear vectors</li> <li>* apply the section formula to questions</li> <li>* define scalar product of two vectors</li> <li>* list the properties of scalar product</li> <li>* describe the projection of vector on a line</li> <li>* define vector or cross product of two vectors</li> </ul>	<p>Lab Manual Activity:</p> <p>To prove angle in a semi circle is a right angle</p>	<p>Homework from NCERT (To be uploaded on Google classroom) Google Form</p> <p><a href="https://diksha.gov.in/play/content/do_31309369950181785611602">https://diksha.gov.in/play/content/do_31309369950181785611602</a></p> <p>(MCQ'S)</p>
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	<p><b>Part II</b> <b>Three Dimensional Geometry</b></p>	<ul style="list-style-type: none"> <li>* list the properties of cross product</li> <li>* find the area of a parallelogram using cross product</li> </ul> <p><b>Each student will be able to</b></p> <ul style="list-style-type: none"> <li>* define the direction cosines of a line</li> <li>* find the direction cosines of a line joining two points</li> <li>* state the relation between direction cosines and numbers</li> <li>* define skew lines</li> <li>* find the angle between skew lines</li> <li>* state the relation between the direction cosines(ratios) of two lines and the angle between them</li> <li>* find the equation of a line that passes through a given point and parallel to a given vector in vector and cartesian form</li> <li>* find the equation of a line passing through two given points</li> <li>* find the shortest distance two lines</li> <li>* state the formula for finding distance between skew lines and parallel lines.</li> <li>* state the equation of a plane in normal form in both vector and cartesian form</li> <li>* find the equation of plane perpendicular to a given vector and passing through a given point in vector and cartesian form</li> <li>* find the equation of a plane passing through three noncollinear points</li> <li>* state the intercept form of the equation</li> </ul>	<p>Quiz</p> <p><a href="https://in.ixl.com/math/class-x-ii/find-the-component-form-of-a-three-dimensional-vector">https://in.ixl.com/math/class-x-ii/find-the-component-form-of-a-three-dimensional-vector</a></p>	<p>Google Form Questions from NCERT and exemplar to be done as CW and given as HW Oral questioning</p>
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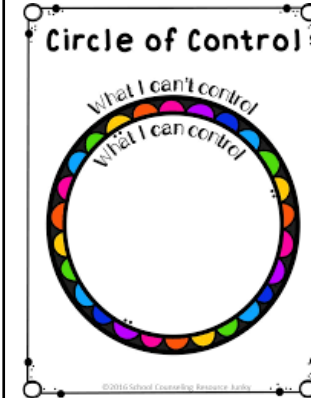
	<p><b>JANUARY</b></p> <p><b>REVISION FOR TERM II</b></p>	<p>of a line</p> <p>* find the equation of a plane passing through the intersection of two given planes</p> <p>*find the distance of a point from a plane</p> <p>*solve questions based on the above stated concepts</p>		
<b>English</b>	Revision for pre boards	To clear doubts , practice questions from previous years papers	Quiz	Long and short answers

<p><b>Business Studies</b></p>	<ul style="list-style-type: none"> <li>● Staffing</li> <li>● Directing</li> <li>● Controlling</li> </ul>	<p><b>Each student will be able to:</b></p> <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><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● define controlling</li> <li>● state the importance of controlling</li> <li>● establish the relationship</li> <li>● between planning &amp; controlling</li> </ul>	 <p><b>Four Corners</b> <b>STAFF ACTIVITY</b></p> <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><b>DIRECTING</b></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>Class Test</p> <p>Assignment</p> <p>NCERT questions</p> <p>Class Test</p> <p>Revision assignment</p>
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- **Financial Management**

- describe the steps in the control process.

Collect information about various ways to motivate employees in various organization



Draw a chart showing activities from the environment which can be controlled and which can't be controlled.

**Each student will be able to**

- State the meaning of financial managements
- State the objectives of financials
- Explain the importance of finance function in modern business
- Elaborate the meaning & importance of financial planning
- Analyze the factors affecting capital structure
- Describe the factors affecting fixed & working capital



Sunny vs. muddy points


Thumbs up/thumbs down

Oral test

Assignment and worksheet



	<ul style="list-style-type: none"> <li>● <b>Financial Markets</b></li> </ul>	<p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>● State the concept and nature of capital market</li> <li>● State the meaning of money market</li> <li>● Explain the instruments on Money Market</li> <li>● Distinguish between capital market &amp; money market</li> <li>● Explain the functions of stock exchange</li> </ul>	<p>Students will be asked to read about financial markets from different sources and discuss them.</p> <p><b><u>Art Integration</u></b></p> <p>Role plays as CFO, MD and BOD with teams and show importance of financial decisions.</p> <p><b><u>Experiential Learning</u></b></p> <p>Design a brochure of a company w.r.t. financial planning.</p>	
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<p><b>Accountancy</b></p>	<ul style="list-style-type: none"> <li>Retirement and Death of a partner.</li> <li>NPO</li> <li><b>Cash Flow Statement</b></li> <li></li> </ul>	<ul style="list-style-type: none"> <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> <li>prepare revaluation a/c, partners capital a/c and partners current a/c, and balance sheet of new firm.</li> <li>explain payments to retiring partners – preparation</li> </ul> <p><b>Each student will be able to:</b></p> <ul style="list-style-type: none"> <li>Explain the meaning of the Cash flow Statement.</li> <li>Exemplify cash, funds and cash equivalents.</li> <li>Calculate operating profit and cash from operating activities through direct and indirect methods.</li> </ul>	<p>Practical assignment on sacrificing ratio, gaining ratio and 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>Prepare CFS of your household expenses and incomes using art as background. Ask hometown of your parents and incorporate art of that state</p>	<p>Class Tests</p> <p>Google forms</p> <p>Assignments</p> <p>Padlet</p> <p>Google classroom</p> <p>Quiz</p> <p>Assignments</p> <p>Worksheet</p>
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<p><b>Economics</b></p>	<p><b>Sustainable development</b></p> <p><b>File Project</b> <b>Revision of entire syllabus</b></p>	<ul style="list-style-type: none"> <li>● Sustainable development</li> <li>● Importance of environment</li> <li>● Functions</li> <li>● Problems</li> <li>● Causes</li> <li>● State of Degradation</li> <li>●</li> <li>● To analyze the current economy scenario in India. To make students understand the initiatives of the government in addressing it's Challenge.</li> <li>● keywords</li> <li>● Clarification of any concepts that are still not clear</li> <li>● CBSE Sample Paper</li> </ul>	<p>India has abundant natural resources substantiate the statement</p> <ul style="list-style-type: none"> <li>● Distinguish between economic development and sustainable</li> <li>● Practice tests</li> <li>● Quizzes</li> <li>● Discussions</li> </ul>	<ul style="list-style-type: none"> <li>● Class Tests</li> <li>● Revision worksheets</li> <li>● CBSE Sample paper</li> </ul>
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