

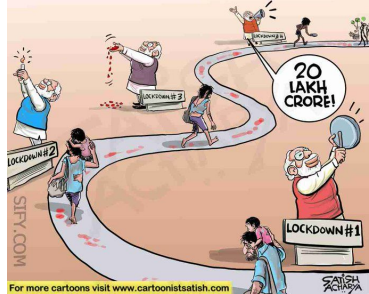


TAGORE INTERNATIONAL SCHOOL
VASANT VIHAR, NEW DELHI
PARENTS SYLLABUS (2020-21)
CLASS XI A
JULY-SEP.


Subject	No. of Period/ Topics Covered	Learning outcome	Activities	Assessments
JULY				
Math	Ch 2 : Relations and Functions (12 classes)	<p>Each child will be able to</p> <ul style="list-style-type: none"> *define the Cartesian product of sets. *find the number of elements in a Cartesian product. *define a relation. *describe a relation in roaster, set-builder, arrow diagram form. *find the domain and range of relation. *define a function. *find the domain/range of function. *list the various types of function. *draw the graphs of various functions. *acquire knowledge of composition of functions. * solve questions based on the 	<p>Newspaper (Graphs)</p> <p>Connect to the concept of relations to human relations in Covid-19 outbreak.</p> <p>To verify that for two sets A and B, $n(A \times B) = pq$ and the total number of relations from A to B is 2^{pq}, where $n(A) = p$ and $n(B) = q$ (ACTIVITY)</p> <p>To distinguish between a relation and function.(ACTIVITY)</p>	<ul style="list-style-type: none"> ● Class work and Homework given from NCERT and Assignment(uploaded in Google Classroom). ● Oral Questions. ● Google Form ● Quiz ● KWL

	<p>Ch 3 : Trigonometric Functions (7 classes)</p>	<p>concept of composite functions.</p> <p>Each child will be able to *recall the relation between degree and radian. *define a periodic function. * relate trigonometric functions as circular functions. *find the trigonometric ratio over the domain R *list the trigonometric formulae of sum and difference of two angles. *state the C/D and product formulae. *state the half angle formulae.</p>	<p>A video on the Indian Dance form Bharatnatyam depicting the graphs of various functions in different postures of this dance form. (AIL)</p> <p>Students will find the condition for the existence of inverse of a function and hence find if the inverse of all trigonometric functions exist or not ?</p> <p>To plot graphs of $\sin x$, $\sin 2x$, $2\sin x$ and $\sin x/2$ (ACTIVITY)</p>	<ul style="list-style-type: none"> ● Class work and Homework given from NCERT and Assignment (uploaded in Google Classroom). ● Oral Questions. ● Google Form ● Short Test.
<p>English</p>	<p>1. Poem-The Laburnum Top (Hornbill) (Classes- 3)</p> <p>Writing Skills:</p>	<p>Each student will be able to:</p> <p>Grasp the theme, poetic devices, literal / connotative meanings.</p> <p>Read the poem with proper rhyme and tone.</p> <p>Understand the symbiotic relationship between man and nature</p>	<p>Observe a tall tree and document your thoughts on it in the form of a diary entry.</p> <p>Art Integrated Activity- Make a sketch of a park.</p>	<p>Class work and Homework given from NCERT and Assignment (uploaded in Google Classroom).</p> <p>Oral Questions</p>

	<p>Notice Writing (1 class)</p> <p>Advanced Reading Skills: Note making and summary writing (2 classes)</p> <p>Grammar- Determiners Jumbled words (2 classes)</p>	<p>and describe the same.</p> <p>Each student will be able to convert long passages into concise notes and summary for enhanced reading comprehension.</p> <p>Each student will be able to make meaningful, grammatically correct sentences.</p>	<p>Practice Questions</p> <p>Discussion on the need to make notes.</p> <p>Practice exercises</p>	<p>Worksheet Oral Discussion</p> <p>Worksheet Oral Discussion</p> <p>Worksheet</p>
B. St.	<p>Unit 3: Private, Public & Global Enterprises (14 classes)</p>	<p>Each student will be able to:</p> <ul style="list-style-type: none"> ○ state the meaning of private and public sector ○ state and explain the forms of organizing public sector and private sector enterprises. ○ state the features, merits and demerits of departmental 	<p>Students will be asked to list examples of public, private and global enterprises.</p> <p>Students will be asked to explore any bank site and list down the</p>	<p>Worksheets</p> <p>Assignment</p> <p>NCERT case studies</p> <p>Class test</p>


	<ul style="list-style-type: none"> • Private Sector and Public Sector • Forms of organising public sector enterprises • Departmental Undertaking • Statutory Corporation • Government Company <p>Unit 4: Business Services</p> <ul style="list-style-type: none"> • Nature and types of Business services - Banking, Insurance, Banking - types of Banks, Functions of Commercial banks, E- banking <p>(6 classes)</p>	<p>undertakings, statutory corporations, government company and global corporations.</p> <ul style="list-style-type: none"> ○ explain the role of public sector . <p>Each child will be able to:</p> <ul style="list-style-type: none"> - state the meaning of various services. - elaborate the role of business services in the smooth flow of business activities. - differentiate between the different types of banks. 	<p>features and link with form of public sector.</p> <p>Art Integration Class will be divided into three groups and each group will be given a public sector. One team will be asked to do role play of govt and its departments. Second team will do art work on changing role of RBI/SBI/LIC.Third team will do collage of govt. companies.</p> <p>Experiential learning Analysis of financial package announced by Govt of India In May 2020 and its effect on public sector.</p>  <p>For more cartoons visit www.cartoonistsatish.com</p> <p>Make a collage of bank instruments and state the uses of them.</p> <p>Draw a table and make a list of various commercial banks.</p> <p>Experiential Learning Design a credit card and list its</p>	<p>Worksheets</p> <p>Assignment</p> <p>NCERT case studies</p>
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		- explain the emergence of e-banking	terms and conditions. Suggested video links https://youtu.be/OOa2tkDBRi4 https://youtu.be/d2EMMbNoG20	
Accountancy	UNIT-3 Recording of Transactions: <ul style="list-style-type: none"> Rules of Debit and Credit. Recording of Transactions: Books of original entry - Journal Ledger-meaning, utility, format; posting from Journal. Balancing of Accounts (12classes) <ul style="list-style-type: none"> Cash Book - Simple, Cash book with Bank column and Petty Cash Book (6 classes)	Each child will be able to: <ul style="list-style-type: none"> explain the meaning of books of original entry. record transactions in a journal. prepare ledger accounts. balance the ledger accounts. Each child will be able to: <ul style="list-style-type: none"> prepare a simple cash book. draw format properly. find a closing balance of cash. prepare two column cash book post contra entries. 	Prepare a journal of household activities for one week. Make a flowchart of various ledger accounts and divide them into debit and credit. Art Integration Flow chart showing recording and classification(pick any art design to draw the background) Experiential learning Make a cash book of your pocket money and reflect on receipts and payments.	Text book questions Worksheets Class test Text book questions Worksheets

				
Economics	<p>Introduction to Statistics</p> <p>Collection of Data</p> <p>Diagrammatic and graphic presentation of Data</p>	<p>Differentiate between Economic and Non-Economic activities.</p> <ul style="list-style-type: none"> ● Each student will be able to ● Discuss functions and importance of statistics. Draft a Questionnaire ● Organize data in the form of individual series and Frequency series ● Present the data in diagrammatic and Graphic presentation. ● Identify the concept of Demand ● Analyze the factors affecting Demand. ● Represent the movements and Shifts in demand curve diagrammatically ● Analyze the factors affecting demand ● Interpret the theory related to the calculations of demand to 	<p>Collection of data given the present day scenario.</p> <p><u>Practice activities:</u></p> <p>Mind map, group discussion, Brainstorming activities,</p> <p>Application based case studies on data collection will be given and students will decide on the methods and type of data they will use.</p> <p>Data collection and classifying data with reference to covid and representing data through graphs.</p> <p><u>Art Integration:</u></p> <p>pie charts showing heads on which expenditure was incurred for a certain topic</p>	<p>Class test</p> <p>Worksheets</p> <p>Google form</p>

	<p>Law of demand</p> <p>Movements and shifts in demand curve.</p> <p>Elasticity of Demand</p>	<p>practice by doing the numericals.</p>	<p><u>Experiential Learning:</u> https://mrstoxqui-economics.weebly.com/classworkhomework2.html</p> <p>activity worksheet to state the law.</p> <p>Differentiate between movement and shift.</p> <p><u>Application activities:</u></p> <p>Survey about the shift in demand of certain products keeping in mind the COVID situation.</p> <p><u>Art Integration:</u></p> <p>CP Econ Chapter 3 Demand Worksheet Flashcards/ Quizlet</p> <p>Demand for Warli art or Madhubani art in urban centers has led to the art form evolving newer, more diverse styles and varieties</p> <p><u>Experiential Learning:</u> https://www.youtube.com/watch?v=mvQze0vJgAg</p>	<p>Class test</p> <p>Worksheets</p> <p>Google form</p>

	<p>School SNAPSHOTS (5 classes)</p> <p>Report Writing (Part of the deleted syllabus. Will be taught in class, but not assessed.)</p> <p>Prose – The Address</p> <p>SNAPSHOTS (5 classes)</p>	<p>process the different models of instruction</p> <p>SEach student will be able to - imbibe values like courage, empathy, critical thinking and maintaining relationships</p> <p>learn about the holocaust</p> <p>identify links with Anne Frank’s autobiography</p> <p>read and analyze the lesson, identify its relevance to modern life</p> <p>Each student will be able to- comprehend the theme of the poem and identify the poetic devices employed.</p>	<p>- the ideal student - the ideal teacher - the ideal education system</p> <p>Collate and document information focusing on the changes undergone by the education system over the years by interviewing your elderlies. (group work)</p> <p>Movie watching-The Boy in the Striped Pyjamas Extended reading -The Diary of a Young Girl – Anne Frank</p> <p>ART INTEGRATION ACTIVITY</p> <p>Compose a poem on the futility of war.</p> <p>Describe the water cycle. List out similarities between rain and music.</p>	<p>NCERT and Assignment(uploaded in Google Classroom).</p> <p>Oral Questions.</p> <p>Class work and Homework given from NCERT and Assignment(uploaded in Google Classroom)</p> <p>Oral Questions</p> <p>Class work and Homework given from NCERT and Assignment(uploaded in Google Classroom)</p> <p>Oral Questions</p>
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	The Voice of the Rain Hornbill (3 classes)	understand the significance of rain water.		
B. St.	<p>Unit 4: Business Services</p> <ul style="list-style-type: none"> Insurance - principles, types: life, fire and marine <p>(6 classes)</p> <p>Unit 5: Emerging Modes of Business</p> <ul style="list-style-type: none"> E-Business - Meaning, scope and benefits, Resources required for successful e-business implementation <p>(12 classes)</p>	<p>Each child will be able to:</p> <ul style="list-style-type: none"> state the meaning of various types of insurance. elaborate the role of life, marine and fire insurance. differentiate between the different types of insurance.. explain the emergence warehousing <p>Each child will be able to:</p> <ul style="list-style-type: none"> state the meaning of e-business. differentiate between e-business and e-commerce. elaborate the emergence of e-business. 	<p>Experiential learning Play the role of an insurance agent and endorse the policy</p>  <p>Art integration Draft an advertisement of a product(using any art form) 1. Poster form 2. Musical display 3. Role play</p> <p>Experiential learning Outline the process of shopping at Amazon. Draw a flowchart of e-transactions.</p>	<p>Worksheets Assignment NCERT questions Class test</p> <p>Worksheets Assignment NCERT questions Class test</p>


				
Accountancy	<p>Unit 4: Trial Balance and Rectification of Errors</p> <ul style="list-style-type: none"> • Trial Balance: meaning, objectives and preparation. (2classes) <p>Bank Reconciliation Statement:</p> <ul style="list-style-type: none"> • Meaning, Need and Preparation (12 classes) 	<p>Each child will be able to:</p> <ul style="list-style-type: none"> - state the meaning of trial balance. - draft a trial balance - highlight the role of trial balance in accounting. <p>Each child will be able to:</p> <ul style="list-style-type: none"> - state the meaning of Bank Reconciliation Statement. - draw the format of Bank Reconciliation Statement. - highlight the role of cash book and pass book. - reconcile the balance of cash book with pass book. 	<p>Experiential learning Draft a trial balance of household transactions.</p> <p>Obtain a pass book of your parents and make a note of debit and credit transactions and reconcile with cash deposited and cash withdrawn from sms received.</p>  <p>Art Integration Pick any state of India and design a pass book by using the popular art</p>	<p>Worksheets</p> <p>Text book questions</p> <p>2+2=5 method</p> <p>Assignment</p> <p>Worksheets</p> <p>2+2=5 method</p> <p>Assignment</p> <p>Class test</p>


			form of that state.	
Economics	<u>Measures</u> of Dispersion Standard Deviation	Each student will be able to <ul style="list-style-type: none"> Understand and be able to calculate the deviation of specific data points. Understand how to calculate the variance of variable 	<u>Application activities:</u> Students will be asked to do an activity online using playing cards. To identify the steps involved in calculating the measures of dispersion.. To identify the different kinds of series. <u>Practice activities:</u> Numericals on measures of dispersion. <u>Experiential Learning:</u> Collection of Data and calculation through the measures of dispersion	Class test Worksheets Google form Periodic Test
SEPTEMBER				
Math	Ch 13 : Limits and Derivatives (contd) (11 classes)	Each child will be able to *define derivative of a function at a point. *relate to the geometrical interpretation of derivatives. *evaluate derivatives using the method of first principle. *list the formulae of derivatives of some standard functions.	Relate the concept of derivatives to other branches of science and Economics. (EL) To verify the geometrical interpretation of Derivatives. (ACTIVITY)	

	<p>Ch 6: Linear Inequalities (7 Classes)</p>	<p>*explain the concept of chain rule, quotient rule and product Rule. *apply the above learnt concepts in differentiating various functions</p> <p>Each child will be able to *recall the concept of linear equations *define a linear inequality. *list the rules of solving a linear inequation in one variable. *recall the method of plotting lines on a graph sheet. *explain the method of graphical solution of linear inequalities in two variables. *define reference point, feasible solution and feasible region. *solve a system of linear inequalities using Graphical method.</p>	<p>Explore about Real world Inequalities (EL)</p> <p>To verify that the graph of a given inequality ,say $5x+4y-40<0$, of the form $ax+by+c<0$, $a,b>0$, $c<0$ represents only one of the two half planes.(ACTIVITY)</p>	<ul style="list-style-type: none"> • Class work and Homework given from NCERT and Assignment(uploaded in Google Classroom). • Oral Questions • Google Form • Quiz
<p>English</p>	<p>Prose – The Ailing Planet HORNBILL (5 classes)</p>	<p>Each student will be able to-comprehend the issues faced by Mother Earth.</p> <p>use resources effectively.</p> <p>develop the idea of sharing and caring.</p>	<p>Best out of waste activity</p> <p>Art Integration Activity</p> <p>Slogan writing on « Go Green »</p>	<p>Class work and Homework given from NCERT and Assignment(uploaded in Google Classroom).</p> <p>Oral Questions</p>

		<p>learn to assess and analyse situations.</p> <p>Each student will be able to- link ideas to illustration. express effectively and precisely.</p> <p>Each student will be able to- understand the significance of paying attention to details while listening to a speaker.</p> <p>Each student will be able to talk about the details of the boyish Pharaoh- Tutankhamen, his mysterious death and forensic reconstruction.</p> <p>Each student will be able to form grammatically sound sentences.</p>	<p>Art Integration Activity- Draft a poster on “Prevent Female Foeticide”.</p> <p>Listening skills worksheets</p> <p>Draw a flowchart of King Tut’s family line.</p> <p>Practice exercise</p>	<p>Worksheet</p> <p>Worksheet</p> <p>Class work and Homework given from NCERT and Assignment(uploaded in Google Classroom).</p> <p>Oral Questions</p> <p>Worksheet</p> <p>Class work and</p>
	<p>Writing Skills- Poster(1 class)</p> <p>ASL- LISTENING SKILLS (2 CLASSES)</p> <p>Discovering Tut... Hornbill (4 classes)</p> <p>Grammar- Voice (Part of the deleted syllabus, will be taught in class, but not assessed.)</p>			

	Ranga's Marriage Snapshots (3 classes)	Each student will be able to strike a balance between traditional and Western ideas and that traditions are deep-rooted in our culture.	Discussion about the significance of Indian traditions and one's mother tongue.	Homework given from NCERT and Assignment(uploaded in Google Classroom). Oral Questions
B. St.	<p>Unit 5: Emerging Modes of Business(contd.)</p> <ul style="list-style-type: none"> ● Online transactions, payment mechanism, security and safety of business <p>Social Responsibilities of Business</p> <p>Basic introduction, role.</p>	<p>Each child will be able to:</p> <ul style="list-style-type: none"> - describe the process of online transactions. - state and explain the risks of e-transactions. - state the meaning of outsourcing and evaluate it. 	<p><u>Experiential learning</u> From your school make a list of services which are outsourced and if you were given a chance to provide any of such service, then what change will you introduce?</p> <p>Make a plan of any start-up and show which activities will be outsourced.</p> <p><u>Art Integration</u> Take an old tshirt/jeans/skirt and create something new by using cuttings of any traditional art based clothing(madhubani/kalamkari/kant ha stitch etc.)Alternatively you can paint these artistic designs too.</p>	<p>Worksheets</p> <p>Assignment</p> <p>NCERT questions</p> <p>Oral test</p>

				
<p>Accountancy</p>	<p>Unit 5: Depreciation, Provisions and Reserves</p> <ul style="list-style-type: none"> Depreciation: Meaning and need for charging depreciation, factors affecting dep. <p>Methods of depreciation: WDV method, straight line.</p>	<p>Each student will be able to:</p> <ul style="list-style-type: none"> state the meaning of depreciation. draw the format of fixed asset account. highlight the role of depreciation for business. calculate the balance of fixed asset after 4-5 yrs. 	<p>To observe and collect details of reasons for fall in prices of assets and effect on their sale value.</p> <p>Independent practice</p> <p>Art Integration Class will be divided into two groups and each group will be Given a method of depreciation and they will draw a flowchart depicting the process of calculating depreciation. Or Students will be asked to make a ppt on any Indian monument and how they have depreciated from early years.</p>	<p>Worksheets</p> <p>Text book questions</p> <p>Assignment</p>

			 <p>Experiential learning Collect the photocopies of the last three years' insurance policies of the vehicle your family have, and compare the market value. Calculate the amount of depreciation charged.</p>	
<p>Economics</p>	<p>Production function Cost and Revenue</p>	<p>Each student will be able to</p> <ul style="list-style-type: none"> ● Define cost and revenue. ● Discuss the different types of costs and revenues. ● Calculate the different costs and revenue applying the formulae. ● Numericals 	<p><u>Application activities:</u></p> <p>Individual research</p> <p>Group discussion based on topics related to cost and revenue.. For example, Reliance Fresh has announced the slashed prices.</p> <p><u>Practice activities:</u></p> <p>Discussion on its impact on the cost and revenue.</p> <p>Survey to be conducted by</p>	<p>Class test</p> <p>Worksheets</p> <p>Google form</p>

			<p>students to assess the cost and revenue.</p> <p>Web Charts</p> <p><u>Art Integration:</u> Take an old tshirt/jeans/skirt and create something new by using cuttings of any traditional art based clothing(madhubani/kalamkari/kant ha stitch etc.)</p> <p>Work out the Cost and revenue in the art form that you have used.</p> <p><u>Experiential Learning:</u></p> <p>https://www.youtube.com/watch?v=rCNybo7FT2I</p>	
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