



TAGORE INTERNATIONAL SCHOOL
EAST OF KAILASH, NEW DELHI

PARENT SYLLABUS -XIIB
JULY – SEPTEMBER (2020-2021)

ENGLISH				
MONTH	TOPICS/NO. OF PERIODS	LEARNING OUTCOMES	ACTIVITY	ASSESSMENT
July	Topic: A Thing of Beauty by John Keats (5)	Each student will be able to analyse the poem to make a critical appreciation identify the poetic devices and explain how they are used in the poem annotate the lines of the poem with reference to the context bring out beauty in every creation of God, whether big or small	Students will do the following: Group Discussion: Read up on the poet and discuss him and his works. Pair Work Interpret the title, pick out the poetic device used. Individually , list down the things of beauty that they see around them <u>Art Integrated Activity</u>	Students will be assessed through the: Short Revision Test through Google forms Practice Worksheets Assignment Long Answer Questions

			<p>All Things Bright and Beautiful</p> <p>Beauty is a heavenly tonic/drink – an endless fountain of nectar. This beauty comes in different forms– a tale, a poem, a play, a lovely object of nature or the heavenly bodies. It soothes our spirits and gives us good health, sound sleep and mental peace. It removes sadness from our lives and gives an everlasting joy. Keeping te central idea of the poem in mind, specify an art form that soothes your spirit and refreshes your mind. Create that art work and mention why it is a source of happiness to you.</p> <p>Examples:</p> <p>Composing a song, poem/ singing a song/ playing a musical instrument/painting/sketching /reading/creating a shape poetry/ dancing, etc and record them.</p>	
July	Topic:	Each student will be able to	Students will do the following:	Students will be assessed through:

	<p>The Rattrap by Selma Lagerlof (5)</p>	<p>effectively provide a synopsis of the story.</p> <p>analyze the values and thought process of the story.</p> <p>identify the insecurity while tackling personal fears and horrors that lurk in the recesses of our mind.</p> <p>appreciate the significance of developing personal fears yet rising above them to savor real liberty. Their vocabulary would be enriched.</p> <p>justify the title</p> <p>express themselves through the writing tasks</p>	<p>Debate : The whole world is nothing but a great rattrap. Group activity *****</p> <p>Speech writing: Needs for inculcating moral values' in about 100 words. *****</p> <p>Article writing:</p> <p>'The Rattrap' is a story that focuses on human loneliness and the need to be kind to others. It shows how an act of kindness can change a person's view of the world. In keeping with this mood of the story, write an article on 'On being kind'.</p>	<p>Short Revision Test through Google forms</p> <p>Practice Worksheets</p> <p>Assignment Long Answer Questions</p>
<p>July</p>	<p>Topic:</p> <p>Keeping Quiet by P. Neruda (3)</p>	<p>Each student will be able to</p> <p>comment on the need of the hour to maintain peace</p> <p>cut out the clamour and bloodshed, correlating it with contemporary background and personal</p>	<p>Students will do the following:</p> <p>Keep still physically and mentally for about two minutes to feel the change in the state of mind.</p> <p>List down the various sounds</p>	<p>Students will be assessed through:</p> <p>Short Revision Test through Google forms</p> <p>Practice Worksheets</p>

		<p>experiences.</p> <p>up threat and gently heed with the predictable loss of the world. (global domain)</p>	<p>that they can hear and experience</p> <p><u>Art Integrated Activity</u></p> <p>Let Peace Prevail:</p> <p>Imagine that the world has come to an end. You and your friends have survived You decide to create a new society where only peace and brotherhood prevails. Create your society. You will draw/sketch/ paint/your society wherein you enlist the following things:</p> <p>A map, the motto, rules to govern your society, a symbol of peace, etc.</p>	<p>Assignment Long Answer Questions</p>
<p>July</p>	<p>Topic:</p> <p>The Third Level (2)</p>	<p>Each student will be able to</p> <p>analyze Jack Finney's word choices</p> <p>analyze the text structure of The Third Level</p> <p>determine the meaning of words and</p>	<p>Students will do the following:</p> <p>Discuss in groups Philately helps keep the past alive, Discuss other ways in which this is done</p> <p>Debate: *****</p> <p>Charlie had visited the third level,</p>	<p>Students will be assessed through:</p> <p>Short Revision Test through Google forms</p> <p>Practice Worksheets</p>

		<p>phrases as used in the poem</p> <p>familiarize themselves with the concept of time travel</p>	<p>listing examples supporting ones statement</p>	<p>Assignment Long Answer Questions</p>
<p>August</p>	<p>Topic: Indigo by Louis Fischer (5)</p>	<p>Each student will be able to:</p> <p>learn more about the Champaran Movement</p> <p>analyze Gandhi's role in helping peasants</p> <p>comment on the sharecropping agreement</p> <p>draft a character sketch of Rajkumar Shukla</p> <p>comment on Gandhi's influence on the lawyers</p> <p>analyze how self-reliant Indian independence and help to sharecroppers were all bound together</p>	<p>Students will do the following:</p> <p>Debate: *****</p> <p>Gandhi considered freedom from fear more important than legal justice for the poor peasants of Champaran</p> <p>Speech writing: *****</p> <p>The text 'Indigo' expresses the value of freedom and Indians' fight for freedom. How would you define FREEDOM? Write your views in the form of a speech to be delivered in the morning assembly of your school. Don't exceed 150 words.</p> <p>Article writing: Getting a clue from the way Mahatma Gandhi dealt with the Champaran episode, write an article on 'qualities of a good leader' or 'what makes a good leader'.</p>	<p>Students will be assessed through:</p> <p>Friday Test: 28.8.20</p> <p>Short Revision Test through Google forms</p> <p>Practice Worksheets</p> <p>Assignment Long Answer Questions</p>

			<p>Paragraph writing:</p> <p>Non-Violence' and 'Truthfulness' were Gandhi Ji's tools against the British. He fought with them and won the battle. It proves that 'non-violence' has the power. So, write a paragraph on the issue in about 100 words.</p>	
<p>August</p>	<p>Topic:</p> <p>Poets and Pancakes by Asokamitran (3) *****</p>	<p>Each student will be able to</p> <p>analyze and justify the title</p> <p>comment on the humour used and the theme of the lesson</p> <p>bring out the struggle that Ashokmitran went through</p>	<p>Students will do the following:</p> <p>Paragraph writing:</p> <p>You must have met some interesting characters in your neighbourhood or among your relatives. Write a humorous account about their idiosyncracies</p> <p>Article writing :</p> <p>There was a great deal of National Integration in the Gemini studios with the make-up department being headed by people from all parts of India in succession.(Poets and Pancakes by Asokamitran) The need of the hour in India is an idealistic situation where people are more tolerant towards each other to realize the dreams, our</p>	<p>Students will be assessed through:</p> <p>Short Revision Test through Google forms</p> <p>Practice Worksheets</p> <p>Assignment Long Answer Questions</p>

			<p>founding fathers had dreamt at the time of independence. What role could the Youth of India play in this regard?</p> <p>Art integrated Activity</p> <p>Creating a collage or a cartoon strip:</p> <p>Collect about twenty cartoon strips from newspaper and magazines in any language to discuss how important people or events have been satirized. Comment on the use of words and pictures used. You may also create a comic strip on the same lines.</p>	
August	<p>Topic:</p> <p>A Roadside Stand by Robert Frost (4)</p>	<p>Each student will be able to</p> <p>bring out the callous attitude of the rich towards the poor</p> <p>bring out the poet's urge for sympathy for rural people and analyse the title</p>	<p>Students will do the following:</p> <p>Drafting a notice:</p> <p>Your school is going to conduct a symposium on the issue, Rural Urban Divide, for the students of Class XII. Draft a notice for the school notice board.</p>	<p>Students will be assessed through:</p> <p>Short Revision Test through Google forms</p> <p>Practice Worksheets</p>

		<p>comment on the theme- reality of class difference between the city rich and the rural poor</p> <p>comment on the rhyme scheme and the stanza division</p>	<p>Discuss:</p> <p>In Robert Frost's assertion that the 'hurt to the scenery' does not bother him, focus shifts to the futility of people generally being obsessed with appearances as well. Comment on how pre occupation with appearances is detrimental for society</p>	<p>Assignment Long Answer Questions</p>
<p>August</p>	<p>Topic:</p> <p>Should Wizard Hit Mommy by John Updike (4)</p>	<p>Each students will be able to</p> <p>familiarize themselves with specific background while tackling personal choices on security, familiarity and happiness.</p> <p>make connections between similar situations in personal experiences.</p> <p>appreciate the timeless significance of universal fears of loss and gain, of happy ending and parenting issues</p>	<p>Students will do the following:</p> <p>Debate: *****</p> <p>Parents must always decide what is best for their children</p> <p>Discuss:</p> <p>Nursery rhymes and fairy tales are a reflection of reality</p> <p><u>Art Integrated Activity</u></p> <p>Role Reversal</p> <p>A panel discussion through role play where John Updike answers a set of questions asked by his</p>	<p>Students will be assessed through:</p> <p>Short Revision Test through Google forms</p> <p>Practice Worksheets</p> <p>Assignment Long Answer Questions</p>

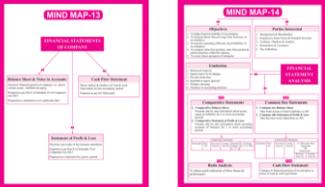
			characters with reference to the lesson	
September	Topic: Aunt Jennifer's Tigers by Adrienne Rich (4)	Each student will be able to: facilitate making connections between similar situations in different storylines/life experiences. empathize with Aunt Jennifer's problems and seek resolution. think and produce spontaneous, fluid and expression in poetic texts to convey a social change. discern prevailing inequalities in various guises. justify the title	Students will do the following: Article writing: No two individuals will be similar and will think alike. Each has to accept the other with their differences. When one is unable to do so, the relationship itself becomes a burden. And, that is what happened to Aunt Jennifer. What changes do you advocate to promote marital harmony. Paragraph writing: What changes can be brought about in the society for uplifting the position of women, like Aunt Jennifer	Students will be assessed through: Short Revision Test through Google forms Practice Worksheets Assignment Long Answer Questions
September	Topic: On the Face of It by Susan Hill (5)	Each student will be able to fight out their loneliness, depression and disappointment. accept the physically challenged people positively in their life and	Group discussion: "It's got nothing to do with my face and what I look like" Article Writing: Appearances are deceptive.	Students will be assessed through: Short Revision Test through Google forms Practice Worksheets

		<p>expand their social interaction.</p> <p>build up optimism and self confidence.</p> <p>justify the title</p> <p>express themselves through an article writing</p>		Assignment Long Answer Questions
September	<p>Topic:</p> <p>Evans Tries an O- Level by Colin Dexter (5)</p>	<p>Each student will be able to</p> <p>familiarize themselves with specific background of the cat and mouse role of the police and the criminal.</p> <p>identify and make connections between similar situations in their own country where each of us witness the dereliction of duty of the law keepers and their complacent laxity.</p> <p>write character sketches</p> <p>justify the title</p>	<p>Students will do the following:</p> <p>Discuss in groups:</p> <p>Would Education in the jails help in refining prisoners? L</p> <p>Justify in pairs, the title, 'Evans Tries an O-Level'. Suggest another title for it.</p> <p>Create a timeline account of how Evans planned and executed his escape from the prison at Oxford despite all the security measures that had been taken to ensure against that. A</p>	<p>Students will be assessed through:</p> <p>Short Revision Test through Google forms</p> <p>Practice Worksheets</p> <p>Assignment Long Answer Questions</p>

		improve upon their writing skills		
September	Topic: The Interview by Christopher Silvester(3)*****	<p>Each student will be able to</p> <p>learn about the technique of 'interview' as a new way of interrogating.</p> <p>list down the use of linkers and signallers while conducting an interview</p> <p>give reasons why Umberto Eco likes/does not like being interviewed</p> <p>analyse why the novel, The Name of the Rose is a great success</p>	<p>Students will do the following:</p> <p>Report Writing: produce a sort report of the interview conducted by Mukund Padmanabhan using the salient points</p> <p>Work in pairs to list down the use of linkers and signallers while conducting an interview</p> <p><u>Art Integrated Activity</u></p> <p>Create a concept map of interview Dos and Don'ts.</p> <p>Watch and analyze a real interview.</p> <p>Review and revise sample interview questions.</p> <p>Brainstorm questions for an interview.</p> <p>Conduct and record an interview</p>	<p>Students will be assessed through:</p> <p>Short Revision Test through Google forms</p> <p>Practice Worksheets</p> <p>Assignment Long Answer Questions</p>

September	ASL	Each student will be able to extract information from the audio scripts respond correctly based on their listening skills speak on a particular topic exchange ideas based on the topic given	Students will listen to the audio transcript carefully . complete the worksheet based on their listening skill. speak on a given topic.	Students will be assessed through Worksheets
*****		The topics marked with asterisk in the syllabus have been deleted by CBSE for the academic year 2020-21. However, these topics will be covered through discussion in the class to bridge the learning gaps.		

ACCOUNTANCY

MONTH	TOPICS / NUMBER OF PERIODS	LEARNING OUTCOMES	ACTIVITIES	ASSESSMENTS
July	Accounting for not-for-profit organization (10 periods)	<p>Each student will be able to:</p> <ul style="list-style-type: none"> Identify the need for, and nature of accounting records relating to not-for-profit organisations; list the principal financial statements prepared by not-for-profit organisations; prepare the receipt, and payment account and income and expenditure account; prepare income and expenditure account and balance sheet from a given receipt and payment account; explain treatment of certain peculiar items of receipts and payments such as subscriptions from members, special funds, legacies, sale of old fixed assets, etc. 	<ul style="list-style-type: none"> students will discuss with their family members about cash transactions and correlate it with receipts and payments. discussion of cash book (taught in class xi) will be made to explain the concept of receipts and payments account. students will be asked to find out various non-profit organizations like trust, clubs etc. and observe their functioning and compare them with profit organizations. (art integrated activity) online mind map 	<ul style="list-style-type: none"> oral assessment on the meaning, features, types of not-for-profit organization practice worksheet online quiz questions from CBSE papers given for practice practical assignment on receipt and payment account and income and expenditure account accounting treatment of peculiar items such as subscriptions from members, special funds, legacies, sale of old fixed assets
	<p>Analysis of Financial Statement:</p> <p>Financial statement of a company (1 period)</p>	<p>Each student will be able to:</p> <ul style="list-style-type: none"> explain the nature and objectives of financial statements of a company; describe the form and content of statement of profit and loss of a company as per schedule III; describe the form and content of balance sheet of a company as per schedule III; explain the significance and limitations of financial statements; and 	<ul style="list-style-type: none"> students will find out parties' interest in financial statements students to collect annual report of a company for analysis (CBSE project) online mind map 	<ul style="list-style-type: none"> oral assessment on the concept and objectives of financial statement. practice worksheets assignment questions from text book and other reference books, online assessment through mcqs questions from CBSE papers given for practice

		<ul style="list-style-type: none"> • prepare the financial statements. 		
<p>Analysis of Financial Statement</p> <p>Tools of Financial Statement Analysis:</p> <p>Comparative Financial statements (2 periods)</p> <p>Common Size Statements (2 periods)</p>	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • explain the nature and significance of financial analysis; • identify the objectives of financial analysis; describe the various tools of financial analysis; • state the limitations of financial analysis; • prepare comparative and common size statements and interpret the data given therein; and • calculate the trend percentages and interpret them 	<ul style="list-style-type: none"> • posting of correct heading and sub heading in statement of profit & loss and balance sheet • work sheet on balance sheet as per Schedule III Part I of the Companies Act 2013 with major headings and sub headings. • worksheet on headings and sub headings of statement of profit and loss • students to collect annual report of a company for analysis (CBSE project) • discussion on difference between comparative statement and common size statement. • format for comparative statement and common size statement of balance sheet and profit and loss. • formula to calculate absolute change and % absolute change • formula to calculate increase and decrease of the items of balance sheet and profit and loss 	<ul style="list-style-type: none"> • oral assessment on the importance of analysis of financial statement • practice worksheets, • assignment questions from text book and other reference books, • online assessment through mcqs • questions from CBSE papers given for practice 	
<p>Accounting for share capital:</p> <p>Company accounts – Issue of shares. (8 periods)</p>	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • explain the basic nature of a joint stock company as a form of business organisation and the various kinds of companies based on liability of their members; describe the types of shares issued by a company; • explain the accounting treatment of shares issued at par, at premium and at discount including over subscription; 	<ul style="list-style-type: none"> • discussion on difference between equity shares & preference shares • discussion on difference between private company & public company • flow chart showing types of company • discussion on difference between partnership and joint stock co. 	<ul style="list-style-type: none"> • oral assessment on meaning & features company • practice worksheets • assignment questions from text book and other reference books • online assessment through mcqs • questions from CBSE papers given for practice 	

			<ul style="list-style-type: none"> • table showing difference between private company and public company • online session with stock market expert • online mind map 	
August	Company accounts – Issue of shares (Contd.) (12 periods)	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • outline the accounting for forfeiture of shares and reissue of forfeited shares under varying situations; • workout the amounts to be transferred to capital reserve when forfeited shares are reissued; and prepare share forfeited account 	<ul style="list-style-type: none"> • discussion on forfeiture of shares and re-issue of shares • online mind map 	<ul style="list-style-type: none"> • practice worksheets • oral assessment on forfeiture and reissue of shares • assignment questions from text book and other reference books • online assessment through mcqs <p>Accountancy assessment 2 (14-08-2020)</p>
	Company Accounts – Issue of Debentures (7 periods)	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • state the meaning of debenture and explain the difference between debentures and shares; • describe various types of debentures; • record the journal entries for the issue of debentures at par, at a discount and at premium; • explain the concept of debentures issued for consideration other than cash and the accounting thereof; • explain the concept of issue of debentures as a collateral security and the accounting thereof; 	<ul style="list-style-type: none"> • concept map on types of debentures • discussion on difference between shares and debentures • table showing difference between shares & debentures • online mind map 	<ul style="list-style-type: none"> • oral assessment on difference between shares and debentures • Practice worksheets • assignment questions from text book and other reference books • case base and source-based questions for practice • online assessment through mcqs • questions from CBSE papers given for practice
September	Company Accounts – Redemption of debentures (12 periods)	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • record the journal entries for issue of debentures with various terms of 	<ul style="list-style-type: none"> • discussion on SEBI guidelines on DRR • discussion on difference types 	<ul style="list-style-type: none"> • practice worksheets • assignment questions from text book and other reference books

		<p>issue, terms of redemption;</p> <ul style="list-style-type: none"> • show the items relating to issue of debentures in company's balance sheet; • describe the methods of writing-off discount/loss on issue of debentures; • <i>explain the methods of redemption of debentures and the accounting thereof *****</i> • <i>explain the concept of sinking fund, its use for redemption of debentures and the accounting thereof *****</i> 	<p>of redeemable</p> <ul style="list-style-type: none"> • online mind map 	<ul style="list-style-type: none"> • online assessment through mcqs
	<p>Analysis of Financial Statement</p> <p>Accounting Ratios: (10 periods)</p>	<p>Each student will be able to</p> <ul style="list-style-type: none"> • explain the meaning, objectives and limitations of accounting ratios; • identify the various types of ratios commonly used: • calculate various ratios to assess solvency, liquidity, efficiency and profitability of the firm; 	<ul style="list-style-type: none"> • discussion on Importance and need to calculate ratios • online mind map 	<ul style="list-style-type: none"> • practice worksheets • assignment questions from text book and other reference books • online assessment through mcqs questions from CBSE papers given for practice
*****	<p>The topics marked with asterisk in the syllabus have been deleted by CBSE for the academic year 2020-21. However, these topics will be covered through discussion in the class to bridge the learning gaps.</p>			

				
	Financial Management (8 periods)	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • explain the meaning of business finance; • describe financial management; • explain the role of financial management in our enterprise; • discuss objectives of financial management and how they could be achieved; 	<ul style="list-style-type: none"> • comparison on various sources of finance • students to gain knowledge about investments in mutual funds / securities. • students to study annual report of public company to find out dividend declaration • you tube links for flipped class • google quiz • students are asked to find out key words from the case studies • students will read the flowchart given and create their own once the topic is done 	<ul style="list-style-type: none"> • oral questions • assignments based on case studies • practice worksheet • online quiz • questions from CBSE papers given for practice
August (16 periods)	Financial Management (7 periods)	<p>Each Student will be able to:</p> <ul style="list-style-type: none"> • explain the meaning and importance of financial planning; • state the meaning of capital structure; • analyse the factors affecting the choice of an appropriate capital structure; • state meaning of fixed capital and working capital; and • analyse the factors affecting the requirement of fixed and working capital 	<ul style="list-style-type: none"> • discussion on comparison between owner's fund and borrowed fund • students find out various sources of finance i.e. equity and debt. • students to design their own capital structure keeping pros and cons of each source of finance into consideration • examples from newspaper / business news • you tube links for flipped class • cycle graph (operating cycle of business) • cause & effect (factors affecting fixed & working capital) • handout on management of fixed capital and working capital • students are asked to find out key words from the case studies • students will read the flowchart given and create their own once the topic is done 	<ul style="list-style-type: none"> • oral questions • assignments based on case studies • practice worksheet • online quiz • questions from CBSE papers given for practice

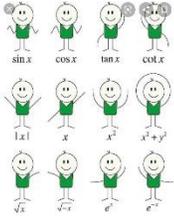
				
	Financial Market (9 periods)	<p>Each Student will be able to:</p> <ul style="list-style-type: none"> • explain the meaning of financial market; • explain the meaning of money market and describe its major instruments; • explain the nature and types of capital market; • distinguish between money market and capital market; • explain the meaning and functions of stock exchange; • describe the role of SEBI in investor protection 	<ul style="list-style-type: none"> • handout on primary market & secondary market for flipped class • group discussion on primary market and secondary market • movie – Guru (video clipping) to find out ways of Initial Public Offer in stock market • graphic organizer (tree diagram for financial market) • flow chart (trading procedure) • you tube links for flipped class • stock market news from TV business channels • online session with stock market expert • examples from economic times (newspaper) and business magazines • students are asked to find out key words from the case studies • students will read the flowchart given and create their own once the topic is done 	<ul style="list-style-type: none"> • oral questions • assignments based on case studies • practice worksheet • online quiz • questions from CBSE papers given for practice
September (18 periods)	Marketing Management (18 periods)	<p>Each Student will be able to:</p> <ul style="list-style-type: none"> • explain the meaning of 'marketing'; • distinguish between 'marketing' and 'selling'; • list out important functions of marketing; • examine the role of marketing in the development of an economy in a firm, to the society and to consumers; • explain the elements of marketing-mix; • classify products into different categories; • analyse the factors affecting price of a product; • <i>list out the types of channels of distribution***</i> 	<ul style="list-style-type: none"> • discussion on (a) selling, marketing and societal marketing philosophies (b) selling and marketing • movie – Rocket Singh sales man of the year (video clipping) to find out qualities of a good salesman • chart showing marketing philosophies • chart showing classification of products • real life examples from newspaper and magazine 	<ul style="list-style-type: none"> • oral questions • assignments based on case studies • practice worksheet • online quiz • questions from CBSE papers given for practice <p>Business Studies assessment 2</p>



			<ul style="list-style-type: none"> • you tube links for flipped class • students are asked to find out key words from the case studies • students will read the flowchart given and create their own once the topic is done 	(11-09-2020)
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<h1>MATH</h1>				
Month	No. of Periods/ topics covered	Learning outcome	Activities	Assessment
July	Teaching days – 18/22 Chapter 7- Integrals	<u>Integrals</u> Each child will be able to *apply the method of substitution to solve problems of integration by using trigonometric identities *derive the solution of special integrals *apply the method of by parts and partial fractions to solve problems *perceive the concept of definite integral of a function ***** calculate definite integral as a limit of sum *apply the properties of *definite integrals in solving problems <u>Application of Integration</u> *sketch the various standard curves *calculate the area bounded by the curves such	Solve Exercises from chapter 7 and 8 (NCERT) Solve assignment- Integration Application of Integrals Students will watch the relevant video at home https://www.khanacademy.org/math/ap-calculus-ab/ab-applications-of-integration-new/ab-8-4/v/area-between-curves-example?modal=1 Formulae sheet ***** <u>Art Integration</u> -Finding and shading area between the curves.	*Through small tests in fundamentals *Google form *Oral Questioning * Practice Paper Weekly Test Syllabus- Inverse Trigonometric Functions Continuity and Differentiability

	Chapter 8- Application of Integration	<p>as lines, ellipse, parabola, circle. *****calculate area between any of the two above said curves</p>	 <p>*****Activity- Evaluate the definite Integral as limit of sum and verify by actual Integration</p>	Application of Derivatives Indefinite Integration
August	<p>Teaching days: 16/20 Chapter 9- Differential Equations</p> <p>Chapter 1- Relations and Functions</p>	<p><u>Differential Equations</u> Each child will be able to *define a differential equation. Its order and degree *****form the differential equation whose general solution is given *solve the differential equation using the method of separating variables *define a homogenous differential equation *identify a linear differential equation *solve a linear differential equation *****$(dx/dy + Px=Q)$</p> <p><u>Relations and Functions</u></p> <p>*recall the definition of a function and relation *list the various types of relations *prove a relation to be an equivalence relation *evaluate the domain / range of given functions *****perceive the concept of composite functions</p> <p>*****evaluate the inverse of a function</p>	<p>Solve Exercises from chapter 9 and 1 (NCERT)</p> <p>Solve assignment- Differential Equations Relations and Functions</p> <p>Students will watch the relevant video in class</p> <p>https://www.youtube.com/watch?v=9w8VnZWr8tg</p> <p>Experiential Learning- Students will demonstrate a function which is neither one one nor onto</p> <p>Art Integration: Various forms of functions</p> <p>Dancing Math:</p> 	<p>Through small tests in fundamentals Google Form</p> <p>Practice Paper</p> <p>Oral Questioning</p> <p>Weekly Test- 21/08/2020</p>

ECONOMICS

Month	Topics covered	Learning outcome	Activities	Assessments
July 2020	Determination of Income and employment. (18)	<p>Each student will be able to:</p> <ul style="list-style-type: none"> Understand the tenets of Keynesian Economics and apply the tenets through the aggregate demand and supply model Identify the Keynesian portion of the AS curve and explain the logic for it. Identify the concept of Aggregate demand and state its 4 components. Derive the consumption and savings from Income $Y=C+S$ Determine the short run fixed price in product market equilibrium, output, investment. Investment Multiplier and its working Deficient demand and Excess demand Measures to combat the changes in equilibrium and output. Graphically explain inflationary and deflationary gaps. Explain Fiscal and monetary measures to correct the disequilibrium. 	<ul style="list-style-type: none"> From the newspaper articles keep a record of inflation rate and changes in different monetary instruments time to time by the RBI. 	<ul style="list-style-type: none"> Worksheets Online Quiz/MCQs' HOTS questions
August 2020	<u>ENVIRONMENT AND SUSTAINABLE DEVELOPMENT (8)</u>	<p>Each student will be able to:</p> <ul style="list-style-type: none"> Discuss 4 points to Current Scenario of pollution and its effect on Indian farmers. Discuss 5 points to Pollution in India Find 4 solutions to the problems <p>understand the concept of environment • analyse the causes and effects of 'environmental degradation' and 'resource depletion' • understand the nature of environmental challenges facing India • relate environmental issues to the larger context of sustainable development.</p>	<ul style="list-style-type: none"> Song or Lyrics allow students to showcase talent and simultaneously learn content is through preparing songs and lyrics. Visit a nearby factory/irrigation department and collect the details of measures that they adopt to control water and air pollution. You might be seeing advertisements in newspapers, radio and television or billboards in your locality on awareness programmes relating to water and air pollution. Collect a few news-clippings, pamphlets and other information and discuss them in the classroom. Make a list of items that can be recycled. 	<ul style="list-style-type: none"> Worksheets Online Quiz/MCQs' HOTS questions
	<u>INFRASTRUCTURE (9)</u>	<p>Each student will be able to:</p> <ul style="list-style-type: none"> Understand the main challenges India faces in the areas of social and economic infrastructure know the role of infrastructure in economic 	<ul style="list-style-type: none"> In your locality or neighbourhood you might be using a variety of infrastructure. List all of them. Your locality may also be requiring a few more. List them separately. While reading newspapers you will come 	<ul style="list-style-type: none"> Worksheets Online Quiz/MCQs' HOTS questions

		<p>development.</p> <ul style="list-style-type: none"> • Understand the role of energy as a critical component of infrastructure. **** • Understand the problems and prospects of the energy **** • Understand the problems and prospects of the health sector. • Understand the health infrastructure of India. 	<p>across terms like Bharat nirman, Special Purpose Vehicle (SPV), Special Economic Zones (SEZ), Build Operate Transfer (BOT), Private Public Partnership (PPP) etc. Make a scrapbook of news items containing these terms. How are these terms related to infrastructure?</p> <ul style="list-style-type: none"> • Among other sources of energy, you would have noticed that a marginal share of energy comes from nuclear power. Why? • Scholars point out that with rising oil and coal costs, nuclear power is the best option. Discuss or debate in your class. $\frac{3}{4}$ Solar energy, wind power and power produced from tides are going to be future sources of energy. What are their comparative merits and demerits? Discuss in the class. • Can you suggest such other ideas to use non-conventional energy in a better way. • What kind of energy do you use in your house? Find out from your parents the amount they spend in a month on different types of energy. • You might notice people using variety of methods to save electricity and other energy. For instance, while using the gas stove, some suggestions are made by gas agencies for using the gas efficiently and economically. Discuss them with your parents and the elderly, note down the points and discuss them in class. • Role play on medical tourism 	
September 2020	BALANCE of PAYMENTS and FOREIGN EXCHANGE. (8)	<p>Each student will be able to:</p> <ul style="list-style-type: none"> • Explain the need of conducting economic transactions with the rest of the world using foreign exchange. • Define foreign exchange • Understand Balance of Payments • Compare the determination of price by each sale and purchase of forex. **** • Determine the rate of exchange **** • Explain the market forces of demand and supply of foreign exchange. **** 	<ul style="list-style-type: none"> • Compare the forex rates every week for dollar, pound sterling, euro with Indian rupee to analyse the appreciation or depreciation of Indian currency. 	<ul style="list-style-type: none"> • Worksheets • Online Quiz/MCQs' • HOTS questions <p>Assessment 2- 4/9/20</p>

		<ul style="list-style-type: none">• Give reasons for the fluctuations in foreign exchange****• Discuss the disequilibrium in the BOP due to Covid-19		
****	The topics marked with asterisk in the syllabus have been deleted by CBSE for the academic year 2020-21. However, these topics will be covered through discussion in the class to bridge the learning gaps			

