TAGORE INTERNATIONAL SCHOOL
VASANT VIHAR, NEW DELHI
SYLLABUS- CLASS XI-A
JULY-FEBRUARY(2022-23)

JULY				
Subject	**Topics to be Covered / No. of Periods**	**Learning outcome**	**Activities**	**Assessments**
English	Prose- The Portrait of a Lady	**Each student will be able to** 1. Understand the importance of respecting others' views despite serious differences with them. 2. Maintain emotional balance in our relations with the family members 3. Develop being kind, understanding,respectful to the older family members 4. Sensitized towards the needs of animals and birds, and creating a favourable environment for their nurturing 5. Infer the meaning of words/phrases from the context 6. Answer different subjective as well as objective Q's 7. solve extrapolatory questions	**Flipped Learning** https://drive.google.com/file/d/10tH86KISgjm3aP8eT9R65bHJy76lkXCH/view?usp=sharing Interpret the different uses of 'tell', different senses of the word 'take' and contextual meanings of different expressions. Write a character sketch highlighting the divine qualities of author's grandma. Reflect on the reasons for the growing isolation of elders in families. Students create a web-chart on movement words and synonyms of 'hobbled' **EXPERIENTIAL LEARNING ACTIVITY CHITS:**	Oral Comprehension check Textbook Questions Worksheet on google doc Assignment Worksheet

	The Summer Of The Beautiful White Horse	**Each student will be able to** apply the literal, interpretative and critical level of comprehending. analyze the character, organize and present ideas coherently. express in clear and grammatically correct English. Apply the literal, interpretative and critical level in analyzing a short story.	Find the word from the lesson which refers to the meanings given below : 1. Greatness – 2. Religious – 3. Changing behaviour – 4. A four wheeled carriage – choose a character from the chapter. prepare a monologue based on the character's perspective. **Extensive activity** on collection of information about the Garoghlanian tribe - pictures and videos and information related to the tribal group. A short survey of the tribal languages existing in India – it is a staggering	Practice Worksheet Assignment Worksheet Textbook Questions Class Discussion cum Debate

| | | Poem- A Photograph | **Each student will be able to** Recite and understand the poet's style of writing. Interpret The theme of the poem. Infer the meaning of the text locally and globally. Differentiate between a sonnet and other types of poems like ballads, etc. Appreciate the central idea of the poem. | 1000 plus and students will be intrigued. No other country in the world might have preserved so many indigenous languages! A discussion on the importance of preserving indigenous traditions and languages and the occupancy space of tribals – Uncle Khosrov's "I don't care" attitude towards everything is a symbol of the frustration of losing the roots. "We have lost our country, what more can we lose? What can be worse? PPT for reference https://docs.google.com/presentation/d/1bgMbIKZaCHPD1FsJnEnbwr3d9zUrgwA7iKbOSoYYmhQ/edit?usp=sharing Flipped Learning Cross reference(Various works of the Poet) https://drive.google.com/file/d/1DEnQI_d2vh9QjkYjV-4C50Yr-NDKouo8/view?usp=sharing Imagine yourself as Shirley Toulson and develop a dialogue between you and your daughter about the photograph. Read the poem Birches by Robert Frost and write about the poetic style Blank verse Compare Shirley Toulson's mother(portrait) with Kushwanth singh's grandmother(pen picture) in a paragraph. | Worksheet Google form - Assessment Oral Questioning |

	Writing skill : Poster	**Each student will be able to** draft advertisements and posters. To create social awareness about issues related to current problems and needs through the designing of good advertisements and posters.	Samples of Posters, Slogans/ tag lines in advertisements Class Brainstorm - Pose a topic to the class and gather student responses for a class brainstorm. A student volunteer or the instructor can act as the scribe. Collection of Main Ideas – Let students work together in small groups to gather the main ideas (Captions, slogans, quotes, phrases, simple diagrams & pictures) from books, newspapers and magazines . Let each group give a 1-minute overview to the class about the materials they collected.
	Grammar- Gap Filling (Tenses , Clauses) Unseen Comprehension Passage	**Each student will be able to develop** 1. Reading comprehension strategies and skills that facilitate their understanding and analyzing of written texts effectively and easily. 2. Love for reading, and silent reading skills. 3. Critical thinking skills.	**Flipped Learning (for reference)** https://drive.google.com/file/d/1wqJ1vpTIhrencewDflyfv5G-otI6JoHH/view?usp=sharing **PPT for reference** https://drive.google.com/file/d/10qxsqzJUZ6kwoKr1aX9Z8pNI9a1VyTaB/view?usp=sharing

		PROJECT WORK		Students may also be encouraged undertake a project on audio recording the life story of their family members. They may seek information from their elders on - Childhood days - Education - Their relations with their elders - The struggles they faced as children and during their youth - The lessons they learnt from their early life and struggles - Their likes and dislikes, etc.	
Mathematics		**Sets** ● Sets & their Representations ● Types of Sets ● Operation on Sets ● Venn Diagrams ● Practical Problems on union & intersection	**Each student will be able to** *define the term set. *represent a set in roaster and set-builder form. *list the various types of sets. *define equal sets. *define a subset. *define a universal set. *explain the various operations on sets i.e union, intersection, difference and complement. *list various properties of complement of a set. *solve practical problems on union and intersection of 2 and 3 sets. *understand the concept of Venn Diagrams. *apply the concept of Venn diagrams in solving statement questions.	(LA) Discussion on the Video seen on Sets and its representation seen at home. Quiz based on Venn Diagram Concept. Questions from Assignment on Sets will be discussed. Asking students to form sets related to things around them (EL) (MATH LAB ACTIVITY) To verify distributive law for three given non-empty sets A, B and C	● CW & HW given from NCERT & Assignment ● Oral Questions ● Google Form ● Short Test

	Relations & Functions ● Cartesian Product of Sets ● Relations ● Functions	**Each student will be able to** *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. *define domain,codomain and range of a relation. *find the domain and range of a Given relation. *define a function. *define domain,range and codomain of a relation. *find the domain/range of a given function. *list the various types of function. *draw the graphs of various functions.	(LA) Discussion on the Video seen at home. Questions from Assignment on Relation and Function will be discussed. (MATH LAB ACTIVITY) 1) To verify that for two sets A and B, n(AxB)= pq and the total number of relations from A to B is 2^pq , where n(A)= p and n(B)=q 2) To distinguish between a Relation and a Function. A video on the Indian Dance form Bharatnatyam depicting the graphs of various functions in different postures of this dance form. (AIL)	● CW & HW given from NCERT & Assignment ● Oral Questions. ● Google Form ● KWL Chart ● Diksha Practice Work https://diksha.gov.in/cbse/play/content/do_313088765506199552 1919?contentType=PracticeQuestionSet
	Trigonometric Functions ● Angles ● Trigonometric functions	**Each student will be able to** *recall the relation between degree and radian. *define one radian. *define a periodic function. * relate trigonometric functions as circular functions. *find the trigonometric ratio over the domain R	(LA) Discussion on the Video seen at home.	● CW & HW from NCERT & Assignment ● Oral Questions ● Short test

Business Studies	Nature And Purpose Of Business	Each student will be able to:		Google forms
		● state the meaning of economic and non-economic activities ● state the meaning and characteristics of business. ● differentiate between business, profession and employment. ● explain the economic, social,organisational objectives ● differentiate between the types of industry. ● state the meaning of commerce and explain its elements. ● explain various merits and demerits of different forms of business organizations. ● differentiate between the various forms. ● state and explain	● To make a list of economic and non-economic activities. ● To find examples of legal and illegal businesses in India. ● List various risks affecting Indian businesses.	Worksheet Case studies

	Forms of Business	the factors affecting choice of form of business organization. ● state and explain the factors to be taken into consideration before starting a business. ● explain various merits and demerits of different forms of business organizations. ● differentiate between the various forms. ● state and explain the factors affecting choice of form of business organization. ● state and explain the factors to be taken into consideration before	 ● To discuss best form of business organisation ● Views on various case studies. ● To find examples of each form of business organisation in India. ● to evaluate the comparative analysis of private sector	Google forms Worksheet Case studies
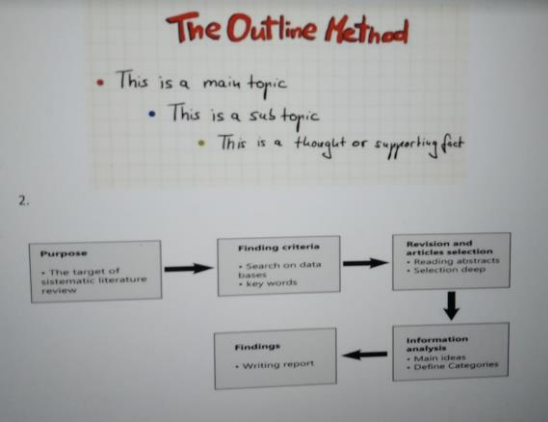
| Accountancy | Introduction to accounting

Theory base of accounting

Recording of transactions-

Accounting equation | Each student will be able to-

State the meaning of book-keeping and accountancy and differentiate between the two.

describe the characteristics of accountancy.

explain the various accounting and business terminologies.

explain and apply the various accounting concepts.

apply the role of accounting standards |

Students will be asked to prepare a summary of various accounting terms

draw a flowchart illustrating the process of accounting.

Students will be asked to find online balance sheet of any organiz

ation and comment on application of accounting assumptions | Assignments

Work sheets

Google forms

Text book questions |

Economics				
Introduction to micro and macroeconomics, Positive and Normative Economics Economic problems, central problems of an economy production possibility curve opportunity cost Concepts of utility and indifference. Demand-factors, law of demand, changes in demand and changes in factors affecting demand, elasticity of demand, Numerical	Categorize different activities in an economy as economic or noneconomic activity. Interrelate micro and macro concepts. Analyze the central problems of an economy. Analyze changes that happen when price in the market changes and how the consumer's behavior changes keeping income given. Identify the concept of Demand Analyze the factors affecting Demand. Represent the movements and Shifts in demand curve diagrammatically analyze the factors affecting demand Numerical Practice	**Quiz for Assessment.** Create a utility analysis if you had a choice to eat unlimited burgers-classroom activity https://frbatlanta.org /education/publications/extra credit/2015/fall/lessons-andactivities/highschool/microeconomics/supply-and demand-activity-activity sheet To make a list of economic and non-economic activities. http://teacherlink.ed.usu.edu/tlresources/units/byrnes-literature/LBREEDER/lesson3.html 	HW from NCERT & Assignment (uploaded in Google Classroom) Oral Questions Short test Classwork

AUGUST

English				
	Prose-Discovering Tut	**Each student will be able to** Develop communication skills of reading , writing, speaking and listening in a variety of situations. Develop the skill of coherent writing. Guess the meaning of unfamiliar words from the context. Become aware of Egyptian myths and beliefs. Understand the use of science and technology in archaeology.	**Flipped learning** https://drive.google.com/file/d/1DTJs4-dgqQu5hDxaFVgHkj331DCrBmqy/view?usp=sharing **Class discussion** on superstitions as the lesson also refers to the "Pharaoh's curse." find out about the funerary traditions of different communities of your area and prepare a write-up about each of them, explaining the meaning/purpose of the important rituals. Newspaper activity https://drive.google.com/file/d/1noNiYbkvHYQ3Yw_mQt4NYwMnJXZfSY8J/view?usp=sharing Search for similar articles for exchange of information in the classroom	Oral Comprehension check Textbook Questions Worksheet on google doc Assignment Worksheet **Competency based questions** https://drive.google.com/file/d/1Al0WW8urxVQc4OsAKIopakGutCac1koU/view?usp=sharing
	The Address	**Each student will be able to** acquire the knowledge of historical evidence, political and social scenario of the time. Students understand the plot and theme of the lesson Events that took place in the lesson	Dramatization technique. As the lesson is in narrative form ,Student participation will be invited in fixing the importance of the title 'The Address'. explore the importance of having a temporary/	

	We Are Not Afraid to Die	learn the contextual situation of life before the Liberation war and Post War period. Write answers long-short. Reference to **context:** **Each student will be able to** Get sensitized to the unpredictability of events and situations in life, especially in adventures. Infer meanings from the context and explain with clarity. Understand the power of optimism and collaboration. learn about the literary attributes like the plot and theme of the lesson	Permanent address Flipped learning https://drive.google.com/file/d/1AD8X70Wv7werM7OZ6z0EeovlnKoYyk3x/view?usp=sharing (Historical context WW II) Understand the human qualities of love, concern, care, empathy for the other, and collect articles on refugee rehabilitations. Make a glossary of the nautical terms used in the lesson. Mark the route followed by Gordon Cook and his family during their Voyage. Flipped learning' undertake a virtual visit of a ship and note the details https://www.youtube.com/watch?v=HAmCsiNcMYw find out how life-raft drills are conducted. https://www.youtube.com/watch?v=WQBGQgmT7vg Organize a debate on the motion "Was it wise to include the children in the voyage?'	Practice Worksheet Assignment Worksheet Textbook Questions Class Discussion cum Debate
	Poem -The Laburnum Top	**Each student will be able to** Justify the title of the poem by writing a note on it.	Paraphrase the poem 'The Laburnum Top' in a cloze exercise, MCQ and Fill in the blanks exercise each.	Competency based Q's

		Analyze the important phrases in the poem by attempting a reference to context exercise. Recite the poem with proper rhythm, expression and actions. Imagine and paint a picture based on the central theme of the poem.	Identify the figures of speech used in the poem with the help of a quiz	https://drive.google.com/file/d/1FzkjjKOmau4WrQCG9DZZDlMU41TloDgs/view?usp=sharing
	The Voice of The Rain	**Each student will be able to** Imbibe values like care and concern to save the environment. 2. Develop imaginative and analytical skills 3. Realize the importance of saving natural resources. 4. Understand the critical appreciation of the poem based on rhyme content and theme. 5. Identify the figures of speech used in the poem. 6. Understand the process of sustainable development. 7. draw a comparative study between human life and nature.	Concept map https://drive.google.com/file/d/1-ZualcyESy5vlMRk9oFx01ieyqEEDm19/view?usp=sharing Warm up A discussion ensues on students' responses to rain and rainy season. They are reminded of rain themes studied earlier like Ruskin Bond's "A Short Monsoon Diary", the Odisha cyclone survival story etc., to reflect on the different faces of the rain. Write a letter to your friend sharing your experience in a hill station and you going out in rain. Watch a film that has a story connection with rain and then describe the film in your own words.	Worksheet Google form - Assessment Oral Questioning
	Writing Skill-Note Making and Summary	Note Making helps students to:		Question bank https://drive.google.com/file/d/1imK5gp0h9-

		stay active and engaged during the lectures, reading and revision to be selective and help identify key ideas remember the content organize their ideas and make connections plan and structure written assignments Review and revise before exams. Carefully organized notes give a lasting record of a class and the opportunity to understand and learn	Flipped learning (For reference) https://drive.google.com/file/d/1imK5gp0h9-tHWMTd214NYK-b_3a0IAcU/view?usp=sharing Common errors https://drive.google.com/file/d/1Eo_YGBPXkMxtpkoBNennuaYq4NfMwDcw/view?usp=sharing	tHWMTd214NYK-b_3a0IAcU/view?usp=sharing
Mathematics	**Trigonometric Functions** ● Trigonometric Functions of sum and difference	**Each student will be able to** *list the trigonometric formulae of sum and difference of two angles. *state the C/D and product formulas. *state the half angle formulas. *apply the various formulae in solving questions. *recall the graphs of various trigonometric functions.	(LA) Questions from Assignment on Trigonometry will be discussed. Students will find the condition for the existence of the inverse of a function and hence find if the inverse of all trigonometric functions exist or not ? (EL) (MATH LAB ACTIVITY) To plot graphs of sinx, sin2x, 2sinx and sinx/2	● CW & HW from NCERT & Assignment ● Oral Questions ● Short Test ● Google Form

| | **Limits & Derivatives**
 ● Limits
 ● Limits of Trigonometric Functions/Algebraic Functions
 ● Intuitive idea of Derivatives
 ● Derivatives | **Each student will be able to**

 * explain the approaching concept on the number line.
 *define the limit of a function at a point.
 *perceive the geometrical interpretation of limits.
 *list the various formulae of limits.
 *evaluate the limit of algebraic functions using substitution. and rationalization methods.
 * evaluate trigonometric limits using various formulae.
 *define derivative of a function at a point.
 *perceive the geometrical interpretation of derivatives.
 *learn the formulas of derivatives of some standard functions
 *perceive the concept of chain rule,quotient rule and product rule
 *apply the knowledge gained in differentiating functions. | (LA)
 Discussion on Video seen at home.

 Solved examples of NCERT read by students at home will help in further solving questions from Exercises.

 Questions from Assignment on Limits and Derivatives will be discussed in class.

 (MATH LAB ACTIVITY)

 1) To find analytically $\lim\limits_{x \to c} \dfrac{x^2 - c^2}{x - c}$
 2) Verification of the geometrical significance of derivative. | ● CW & HW from NCERT & Assignment
 ● Oral Questions
 ● Short Test
 ● Google Form |

| Business Studies | Private, Public & Global Enterprises | **Each student will be able to:**

-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 undertakings, statutory corporations, government company and global corporations.

   -explain the role of public sector. | Students will be asked to list examples of public, private and global enterprises.

Students will be asked to explore any bank site and list down the features and link with form of public sector.

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.

Experiential learning

Analysis of financial package announced by Govt of India in 2022 and its effect on public sector. | Google forms

NCERT case studies

Assignment |
| | Business Services | **Each student will be able to:** | | |

		● **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.**	 **Experiential Learning** Design a credit card and list its terms and conditions.	
Accountancy	**Recording of Business Transactions** Rules of Debit and Credit. Journal, ; Ledger-meaning, utility, format; posting from Journal. Balancing of Accounts	**Each student will be able to:** explain the meaning of books of original entry. record transactions in a journal. prepare ledger accounts. balance the ledger accounts.	 **Art Integration** Flow chart showing recording and classification (pick any art design to draw the background)	Text Book questions Class Test Assignments
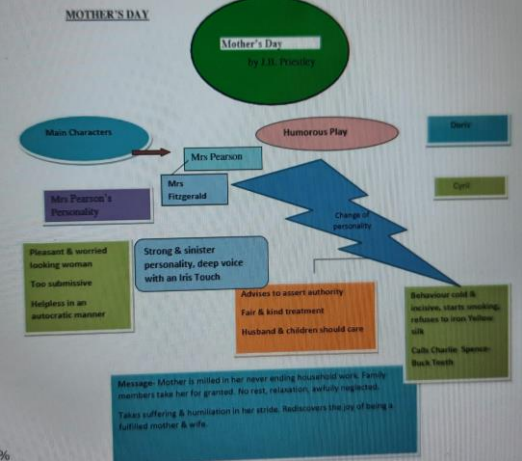
	Cash Book - Simple, Cash book with Bank column and Petty Cash Book	**Each student will be able to:** prepare a simple cash book. draw format properly. find a closing balance of cash. prepare two column cash book	 **Experiential learning** Make a cash book of your pocket money and reflect on receipts and payments	Class test Worksheets Google forms
Economics	**What is Economics and Statistics** Introduction Collection of Data Organization of Data Presentation of Data	**Each student will be able to:** Differentiate between Economic and Non Economic activities. Discuss functions and importance of statistics. Identify sources of Data. Draft a Questionnaire Organize data in the form of individual series and Frequency series	During the day, identify at least 10 activities undertaken by your family members and categorize them into economic and non-economic activities. Mind maps, group discussion, Brainstorming activities will be used for explaining good and bad impacts of Collected Data. Prepare a questionnaire on Term exams vs Board exams in CBSE Art Integration	Class test Worksheets Google forms Kahoot

		Present the data in diagrammatic and Graphical presentation.	Using diagrammatic presentation	
SEPTEMBER				
English	Writing Skill- Speech Revision of term 1 Syllabus	Ability to draft speeches for different occasions and on a variety of topics with the requisite attributes. Effective public speaking skills. Effective presentation of an introduction, main subject matter, and conclusion of a formal speech. An audience-specific style that adapts to the audience, occasion, and time limit of the speech. Confidence to deliver the speech with effective eye contact corresponding to the use of presentational aids (when applicable) and the audience.	https://drive.google.com/file/d/1ncc3K7aOTvDy1YuT96ySJ6r-yJLpk0v1/view?usp=sharing (practice questions)	
Mathematics	**Complex Numbers and Quadratic Equations** ● Complex Numbers	**Each student will be able to**	(LA)	● CW & HW from NCERT ● Oral Questions ● Google Form

	● Algebra of Complex Numbers ● Modulus & Conjugate of Z ● Argand Plane	*recognize the need of a system of numbers beyond R *define iota. *find higher powers of iota. *define a complex number * find the sum, difference, quotient and product of two complex numbers. *list the various properties of addition and multiplication of complex numbers. *define conjugate and modulus of z. *list the properties of modulus and conjugate of z. *solve questions related to modulus and conjugate concept. *define the Argand plane. * plot a complex number on the Argand plane.	Discussion on topics read from NCERT and Solved examples of NCERT by students at home which will help in further solving questions from Exercises. Questions from Assignment on Complex No & Quadratic Equations will be discussed. Students will find out the application of complex numbers in daily life and discuss . (EL)	● Diksha Practice work https://diksha.gov.in/cbse/play/content/do_313113591667089408132?contentType=PracticeQuestionSet
	Linear Inequalities ● Inequalities ● Algebraic solution of Linear Inequalities in one variable and their representation on number line	**Each student 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. *show the graph of solutions of a linear inequality on a number line.	(LA) Explore about Real world Inequalities	● CW & HW given from NCERT ● Oral Questions
	BINOMIAL THEOREM(discussed)			

			(MATH LAB ACTIVITY) To construct a Pascal's Triangle and to write binomial expansion for a given positive integral exponent.	
Business Studies	**Emerging Modes of Business**	**Each student will be able to:** ● state the meaning of e-business. ● differentiate between e-business and e-commerce. ● elaborate the emergence of e-business.	**Art Integration** Draft an advertisement of a product(using any art form) 1.Poster form 2. Musical display 3. Role play **Experiential learning** Outline the process of shopping at Amazon. Draw a flowchart of e-transactions.	Worksheets Assignment NCERT questions Case studies
Accountancy	**Bank Reconciliation Statement** **Trial Balance**	**Each student will be able to:** ● recall the concept of Cash book. ● define a lpass book. ● list the rules of preparing a BRS	**Experiential learning** Draft a trial balance of household transactions Obtain a pass book of your parents and make a note of debit and credit transactions	Worksheets 2+2=5 method Assignment

		explain the method of reconciliation draw the format of BRS prepare a trial balance.	and reconcile with cash deposited and cash withdrawn. 	
Economics	**Mean Median Mode** Do computation of mean. Compute value of Median, Mode, and Mean and interpret its result. Revision for Mid terms	**Each student will be able to:** Do computation of mean. Compute value of Median, Mode, and Quartiles and interpret its result.	Newspaper articles on the topics discussed. Find average monthly expenditure for your household. Worksheet Activity to compute the three variables using playing cards. 	Class test Worksheets Google forms Kahoot
OCTOBER				
English	Prose- Mother's Day (Play)	**Each student will be able to** Understand new words and their meanings from the context in which it is used • Identify how and where stereotyping comes into play,	Dramatize the characters of Mother's Day by the students. Stage the play in the class on Mother's Day. (May 9th) Conduct a debate on the topic: "Constraints of a mother"	Worksheets Assignment

		especially related to gender. • Comment on the perspective of women and appreciate the role they play in our lives • Analyse what they see around them and connect it to the underlying message of the lesson • Express their views orally and in written form about the role of women and what can be done to create a more balanced society, devoid of stereotyping	Explain different genres of play and find examples of each genre. . Discuss in groups the plays or films with a strong message in social reform that you have watched. Flipped Learning Mind map to be prepared 	NCERT questions
	Poem-Father to Son	Each student will be able to .Cultivate interest and appreciate poetry and develop the ability of reading with proper stress and Intonation -to infer the deeper meaning/appreciate the message	Flipped learning Poem presentation session to groups formed in the class. The poems such as Father and Son by Cat Stevens, My Papa's Waltz by Theodore Roethke and Childhood by Markus Nutten are assigned to different groups for presentation and discussion in the class. For reference https://drive.google.com/file/d/1fSuIF_uDj5gvLBgVQwHdnZU1P72dL3Hv/view?usp=sharing	

	Writing Skill- Debate Grammar- Gap Filling (Tenses , Clauses)	Format and samples shared for practice	Theme in the poem Generation gap is taken for Debate and article writing. https://drive.google.com/file/d/1VaZsoD23U2ByDjRXM6w0LgjUoclpQ5Tj/view?usp=sharing	
Mathematics	**Permutations & Combinations** ● Fundamental Principle of Counting ● Permutations ● Combinations	**Each student will be able to** *state the fundamental principle of Addition / Multiplication. *define permutation. *find the number of permutations of n different objects with or without repetition. *find the number of permutations when all the objects are not distinct objects. *define combination. *differentiate btw P & C * apply the various formulas of P and C in solving statement questions.	(LA) Solved examples of NCERT read by students at home will help in further solving questions from Assignment and NCERT. Questions from Assignment will be discussed. Who was the first Indian Mathematician to deal with the concept of P&C	● CW & HW given from NCERT & Assignment. ● Oral Questions ● Google Form ● Diksha Practice work https://diksha.gov.in/cbse/play/content/do_31311423733 69282561342?contentType=PracticeQuestionSet
	Sequences & Series ● Sequences ● Series ● AM ● GP	**Each student will be able to** *recall the definition of sequence & series. *recall the definition of an A.P and the formula for its nth term. *define A.M between two numbers a & b *define a G.P	(LA) Discussion on the Video seen at home. Questions from Assignment on Sequences& Series will be discussed. Students will investigate about Fibonacci Series (EL)	● CW & HW given from NCERT & Assignment ● Oral Questions ● Google Form

	● Relationship between AM and GM	*find the nth term of a G.P *state the formula for sum of n terms of a G.P *find the sum to infinity of a G.P *define GM between two positive numbers. *establish the relationship between AM and GM.	(MATH LAB ACTIVITY) To demonstrate that the Arithmetic mean of two different positive numbers is always greater than the Geometric mean.	
Business Studies	**Social Responsibility of Business and Business Ethics**	**Each student will be able to:** -state the meaning of social responsibility and business ethics. -explain the merits and demerits of taking up social responsibility. -state the responsibility of business towards different groups	 Debate on SR for and against(art) Students will be asked to trace the emergence of the concept of business ethics. List any five organizations which have taken up certain social cases.(A) From your own school prepare a list of SR being observed at various levels.(E/L)	Worksheets Assignment NCERT questions

Accountancy	Depreciation, Provisions and Reserves	Each student will be able to: state the meaning of depreciation and other related terms. -explain the causes responsible for depreciation -calculate provision for depreciation. -calculate and evaluate the methods of charging depreciation. -give accounting treatment to straight line and reducing balance method of depreciation.	To observe and collect details of reasons for fall in prices of assets and effect on their sale value. Class will be divided into two groups and each group will be given a method of depreciation, they will draw a flowchart depicting the process of calculating depreciation. Students will be asked to make a ppt on any Indian monument and how they have depreciated from early years.	Worksheets Assignments Google forms Text book questions
	Rectification of errors	Each student will be able to: -understand the nature of different errors. -Classify different errors. -rectify errors with or without suspense account.	Wrong journal entries drafted by students while practicing questions on recording journal entries.(EL) Students will be asked to rectify errors committed by them(A	Worksheets Assignment Text book questions

Economics	Cost Revenue Production function and Returns to a Factor Producer's Equilibrium MC and MR approach	**Each student will be able to** Identify cost and revenue Discuss the different types of costs and revenues. Derive the condition for equilibrium at the producer's level. Derive the relationships between different costs and total revenue and marginal Calculate the different costs and revenue applying the formulae. Numericals	**Electricity Bills** to elicit the concept of fixed cost and variable cost. **Survey** to be conducted by students to assess the cost and revenue https://frbatlanta.org /education/publications/extra credit/2015/fall/lessons-and activities/highschool/microeconomics/supply- and demand-activity-activity sheet http://teacherlink.ed.usu.edu/tlresources/units/byrnes-literature/LBREEDER/lesson3.html PROFIT = REVENUE - COST TO INCREASE THIS... ... INCREASE THIS... ...OR DECREASE THIS	Class test Worksheets Jamboards
NOVEMBER				
English	Prose-The Adventure	Each student will be able to acquire the knowledge of Plot and Theme of the lesson Events that took place in the lesson Writing answers long- short-reference to context Develop Critical Thinking: Solve extrapolatory questions Solve value based questions	Flipped learning 'What if' Analysis https://drive.google.com/file/d/18hyF5msrNwAxE_0Skg9CT1JFCxEakDiJ/view?usp=sharing Have students brainstorm examples of altercations that would have happened in history if events had gone the other way? Create several 'What if...' questions based on the research	Competency based questions https://drive.google.com/drive/folders/1kQCm_q0Wy80pUHP3i7P7lYDgFGFtQ96k?usp=sharing

			Reflect on how history may have changed if the figures made different choices or events were altered (what if 9/11 never happened; what if the prisoners were not exchanged for the freedom of air India passengers atKandahar; what if Pearl Harbour did not happen; What if Napolean did not lose at Waterloo) Include as many details as possible Have a short class discussion to debate the realistic possibility of the alternate history	CW & HW given from NCERT ● Oral Questions ● Google Form
	Birth	**Each student will be able to** Reflect on broader Perspectives • Understand new words and their meanings from the context in which it is used • Analyze the perspective of doctors and appreciate the role they play in our lives • Analyse what they see around them and connect it to the underlying message of the lesson • Express their views orally and in written form about the role of doctors/ front line workers and their selfless service	Flipped learning https://www.youtube.com/watch?v=44sOTe80PSM The story of Shivampet Ruchitha from Telengana who received the National Bravery Award in 2016. Students will be encouraged to find out more such stories about people from all walks of life. Suggested Activity- Read the book **One Life** by Christian Barnard. There is narration of the story of excitement, anxiety, failure and success of the heart transplant operation.	
	Writing Skill- Advertisement	The format and purpose of advertisements to be discussed **Each student will be able to** Learn the rules of debating • Be aware of the procedures and methodology of preparing for a debate	https://drive.google.com/file/d/1BkMquSBZ8CsnEm1ck5q53l8_u1M4cHNZ/view?usp=sharing	

	Grammar- Re-ordering/Transformation of sentences	• Analyze the situation from a variety of viewpoints and think of counterarguments • Compartmentalize their points and express them in a clear and concise manner • Learn the skill of debating and putting one's point of view in a clear and fair manner. To be able to comprehend and use grammatical organization for quantifying and sentence completion.	The session would begin with few sentences read out by the teacher and written on the interactive board. (Brain boosters) discusses the errors and come to the rules. (inductive Learning)	
Mathematics	**Sequences & Series (contd)**	**Each student will be able to** * solve questions related to the concept of G.P		
	Straight Lines ● Introduction ● Slope of a Line ● Various Forms of line ● Distance of a point from line	**Each student will be able to** *define the inclination of a line. *define the slope of a line. *find the slope of a line using various formulas *list the various forms of	(LA) Discussion on the Video seen at home. Draw a Rangoli pattern using the Kolam art form of South India. (AIL)	● CW & HW given from NCERT & Assignment ● Oral Questions

		equations of line. *find the equation of a line using the various forms of line. *calculate the distance of a point from a line. *define concurrency of lines * interpret the given data to form the equation of line.	Questions from Assignment will be discussed	●Google Form
	Conic Sections *Sections of Cone *Circle *Parabola	**Each student will be able to** *analyse a conic section as a section of double-napped cone. *define a conic section. *list the various types of conic sections. *recognize the standard equation of various conic sections. * define a circle. * find radius and circle of a given circle using its equation. * form the equation of a circle using the various conditions given. *define centre, vertex,latus rectum,vertex,e, focus for a parabola. *find equation of parabola using givenconditions. *find centre, vertex,latus rectum,vertex,e, focus for a parabola.	Students will identify the various conic sections around them (EL) (MATH LAB ACTIVITY) An alternative method of constructing a parabola.	● CW & HW given from NCERT ● Oral Questions ● Google Form ● Diksha Practice Work https://diksha.gov.in/cbse/play/content/do_3131077483245895681 3582?contentType=PracticeQuestionSet

Business Studies	Sources of Business Finance	**Each student will be able to:** -classify the various sources of finance as owned funds or owed funds. -evaluate the different sources of finance. -identify the international sources of finance. -state the process of issuing GDRs and ADRs. -examine the factors that affect the choice of an appropriate source of finance	Newspaper cuttings of shares in to a collage (art) Students will be asked to --collect advertisements of different sources of finance.(L) Students will be asked to evaluate stock prices. Also mock stock trading will be done in class. (E/L) 	Worksheets Assignment NCERT questions
Accountancy	**Financial Statements**	**Each student will be able to:** -understand the meaning of financial statements and its utility. -state the various users of financial statements and their interests	 Students will be asked to ---find out the basis of classification of various accounts. -differentiate between direct and indirect expenses and incomes.	Assignment TS GREWAL questions

		-distinguish between capital and revenue items. -state the meaning of trading account, profit & loss account and balance sheet and their utility. -calculate gross profit/loss,net profit/loss.	-differentiate between gross, operating and net profits. (A) **Role play** Class will be divided into three groups and each group will present via ppt the final accounts of a selected firm.	
Economics	**Correlation** **Karl Pearson's** **coefficient of correlation** **Spearman's correlation**	**Each student will be able to:** Compute correlation by karl pearson's method Compute correlation by **Spearman's correlation**	http://www.blog.gurukpo.com/wp-content/uploads/2012/04/Methods-of-Determining-Correlation.jpg Activity based learning 	Class test Worksheets Google forms
DECEMBER				
English	Prose-The Tale Of Melon City	**Each student will be able to** Compare and contrast rulers termed good as well as bad. Give Cross-culture references of welfare and disadvantage of people under efficient and inefficient rulers	**Flipped learning** Research on the literary laureate Vikram Seth and relate the poem to one of his other poems.(Group activity)	Worksheets Assignments

		Enrich Vocabulary pertaining to anarchy and bad governance like banana republic, crony capitalism, Tuglaquian reforms etc. Gain Exposure to the writings of Idris Shah and Sufi Literature in general Get familiarized with literary techniques like humour, irony, satire,dramatic irony etc. Gain Exposure to similar themed writings like Animal Farm, 1984,Cabbages and Kings and other works of Idries Shah	Cross reference https://drive.google.com/file/d/1gPyfh8YPBntgNTTLhHKT6Q-I7bBdZJ-Y/view?usp=sharing https://drive.google.com/file/d/1lGvQSZvp17D5dn81sRUJClP7UJyiAd2M/view?usp=sharing PPT for reference https://docs.google.com/presentation/d/1Y0BkaBfsbY0wUlgJ_OYQ_ZDMkCwa6P_0cPcyDYFqlTo/edit?usp=sharing	Google forms
	Revision Prose-The Last Lesson Poem- My Mother at Sixty Six PROJECT WORK			
Mathematics	**Conic Sections (contd)** *Ellipse	**Each student will be able to** *define major and minor axis,	(LA) Discussion on the Video seen at home.	● CW & HW given

	*Hyperbola	transverse and conjugate axis. *apply the knowledge gained in finding the equation,e,vertex, foci, centre,length of latus rectum, length of axis of ellipse and hyperbola.	(MATH LAB ACTIVITY) To write the sample space, when a coin is tossed once, two times, three times and four times.	from NCERT ● ·Quiz ● Diksha Practice Work https://diksha.gov.in/cbse/play/content/do_31311334091370496011758?contentType=Pr
	Probability *Random Experiment *Events *Axiomatic Approach to Probability	**Each student will be able to** *recall the concept of probability *recall the definition of random experiment, sample space *write the sample space of a random experiment *list the various kinds of events mutually exclusive and exhaustive events. *prove events to be mutually exclusive or exhaustive. *express the formulae for probability of an event. *state the Addition formulae of probability. *apply the concepts learnt in solving problems.	Students will read specific topics from NCERT along with the solved examples at home that will help in further solving questions from Exercises. (LA) The whole class can be regarded as a matrix and students can identify the rows and columns. (EL)	● Through small tests in fundamentals. ● Class Work .● GoogleForm
	MATRICES(CLASS XII)	**Each student will be able to** *define a matrix and its order. *identify an element of a matrix *apply the basic operations of + , * , - on matrices. *define various types of matrices *solve the problem of equality of		

		matrices. *define transpose of a matrix. *define symmetric and skew symmetric matrices. *find the transpose of a matrix. *differentiate between symmetric. and skew symmetric matrices. *define the inverse of a matrix. *solve questions related to the concept of matrices. .		
Accountancy	**Accounting for partnership firms(fundamentals)**	**Each student will be able to:** -apply the provisions of Partnership Act,1932,in the absence of partnership deed. -prepare partners' fixed and fluctuating capital accounts -calculate interest on capital and drawings	Identification of items to be written in fixed capital account and fluctuating capital accounts(A) Identification of items to be written in profit and loss account and profit and loss appropriation account Preparation of a format of various accounts	Worksheets Assignments Google forms

		-distribute profit among partners and prepare profit and loss appropriation account		
Economics	Index Numbers Market Price equilibrium derivation of the price equilibrium and quantity exchanged in the market with both demand and supply.	**Each student will be able to:** Identify 3 reasons for the need to find indices for economic growth and compare. Derive the price equilibrium and the quantity exchanged in the market with the given market conditions discuss the derivation of the changes in the equilibrium price and quantity under different market conditions.	Giving the different market situations with reference to changes in demand and supply, the students will make the diagrams and show the changes that occur correspondingly. 	Worksheets Assignments Google forms
		JANUARY		
English	**Revision of all topics of term 1 and term 2**			

Mathematics	**Determinants (CLASS XII)**	**Each student will be able to** *define determinants *list the properties of determinants. *define adjoint and inverse of a matrix. *calculate the area of the triangle using determinants. *calculate the inverse of a matrix. *state the Matrix method. *solve the given system of equations upto three variables using Matrix method..	(LA) Students will read specific topics from NCERT along with the solved examples at home that will help in further solving questions from Exercises.	● CW & HW from NCERT ● Oral Questions.
Business Studies	**Principles of Management**	**Each student will be able to:** -State the meaning ,nature and principles of management -Explain Fayol's principles of management -Elaborate the principles of Scientific management -Apply techniques of scientific management	*Students to visit a factory to find out the production system and methods of wage payment. *students to visit in giant retail outlets like any fast food chains to see how principles and techniques of management are being followed.	Worksheets Assignment NCERT questions

Accountancy	**Goodwill**	**Each student will be able to:** -apply the formulae of goodwill. -prepare the table showing calculations -calculate the amount of goodwill.	Preparation of a format of various accounts Flash cards showing different methods of calculating goodwill.	Worksheets Assignments Google forms
Economics	**Indian Economy On The Eve Of Independence Five Year Plans** Common Goals of Five Year Plans Meaning of Five Year Plans Objectives of Planning. Analyzing the importance of Planning in development. Features of Economic Policy under Planning till 1991. Achievement of the Goals of planning f. Failures of Planning	**Each student will be able to:** Agriculture sector and industrial sector on the eve of independence with the help of concept mapping. Foreign trade, demographic conditions, Infrastructure, occupational structure on the eve of independence with the help of BALA, real life examples and storytelling methods. Good and bad impacts of British government on Indian Economy with the help of think pair and share method The importance of planning in	Talk to your Parents and Grandparents and gather information on the situation of the Indian population during the British raj. Students will be asked to write positive and negative impacts of the British Government on the Indian Economy(L) . Oral questions will be asked on meaning de-industrialization, Zamindari system ,Mahalwari system,Ryotwari system (AB) Planning an activity in school	Worksheets Google forms

		life-Individual as well as an economy To comprehend the meaning of planning by think pair and share method. Identify the goals of five year plan Analyze the importance of planning in development and the achievements as well as the failures of planning with concept mapping		

FEBRUARY

Subject	Topics Covered / No. of Periods	Learning outcome	Activities	Assessments
Mathematics	REVISION AND ANNUAL EXAMS			
English	Term End Examination			
Business Studies	REVISION			
Accountancy	REVISION			
Economics	REVISION			