TAGORE INTERNATIONAL SCHOOL
VASANT VIHAR, NEW DELHI
PARENTS SYLLABUS (2020-21)
CLASS XI A
April-May

Subject	No. of Period/ Topics Covered	Learning outcome	Activities	Assessments
Math	**Ch 1 :Sets (12 classes)**	**Each child 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 power set. ● Define a universal set. ● Explain the various operations on sets i.e Union, intersection, compliment, difference. ● Solve practical problems on union and intersection of 2/ 3 sets. ● Understand the concept of Venn Diagrams.	Quiz based on Venn Diagram Concept.. Asking students to form sets related to things around them. To verify distributive law for three given non-empty sets A,B and C $A \cup (B \cap C) = (A \cup B) \cap (A \cup$ (ACTIVITY)	● Class work and Homework given from NCERT and Assignment(uploaded in Google Classroom). ● Oral Questions ● Google Form

	Ch 5 : **Complex Numbers and Quadratic Equations** **(12 classes)**	● Apply the concept of Venn diagrams in solving statement questions. **Each child will be able to** ● Recognize the need of a system of numbers beyond R ● Define 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. ● Know the concept of polar form of a complex number. ● Express a complex number in polar form. ● Represent a complex number on XY- plane. ● Find the square root of z. ● Recall the methods of solving quadratic equations of class X	Students will find out the application of complex numbers in daily life and discuss.	● Class work and Homework given from NCERT and Assignment(uploaded in Google Classroom). ● Oral Questions. ● Google Form

	Ch 4 : **PRINCIPLE OF** **MATHEMATICAL** **INDUCTION** **(5 classes)**	● Find the roots of a quadratic. equation with complex coefficients. **Each child will be able to** ● Define deductive and inductive method. ● Differentiate btw inductive/ deductive method. ● Define a mathematical statement. ● State the Principle of Mathematical Induction. ● Prove mathematical statements using the PMI	Relate to Inductive & Deductive method of teaching in various topics taught in Mathematics.	● Class work and Homework given from NCERT(uploaded in Google Classroom) ● Oral Questions
English	**Prose- The Portrait of a Lady (Hornbill)** **(5 classes)** **Writing Skills- Article (1 class)**	**Each student will be able to-** gain insight into the various phases of the author's life. admire the divine beauty of the grandmother. **Each student will be able to-** write effectively. express their ideas coherently.	Discuss the role of grandparents in one's life. Discuss why they feel lonely. Revision of the format. Discussion of the importance of relevant expression and vocabulary.	● Class work and Homework given from NCERT and Assignment(uploaded in Google Classroom). ● Oral Questions ● Practice questions

ASL- Speaking skills (3 classes)	**Each student will be able to :** freely express their views on given topics of discussion.	Discussion of the topic.	HAM/JAM sessions
Poem- A Photograph (Hornbill) (4 classes)	**Each student will be able to-** comprehend the theme of the poem. understand child psychology. relate to the emotions expressed in the poem.	Identify the poetic devices used. Talk about the role of a mother in a child's life.	● Class work and Homework given from NCERT and Assignment(uploaded in Google Classroom). ● Oral Questions
We're Not Afraid… **(Hornbill- 5 classes)**	**Each student will be able to-** identify parts of a ship. understand how essential it is to not give up. imbibe qualities such as perseverance, self reliance and team spirit.	Interesting anecdote sharing. Talk about the importance of staying optimistic.	● Class work and Homework given from NCERT and Assignment(uploaded in Google Classroom). ● Oral Questions
Writing Skills- **Debate** **Speech** **(2 classes)**	**Each student will be able to-** write effectively and intelligently. Make use of appropriate format, expression and vocabulary.	Revision of the format,. Discussion of the purpose and significance of writing speeches and debates.	Practice questions
Prose- The Summer of the Beautiful White Horse (Snapshots- 5 classes)	**Each student will be able to-** understand the importance of sticking to one's family values and the norms of the society. say no to wrong practices. accept situations and deal with them	Discuss the importance of presence of mind. Describe the appearance and qualities of the horse.	● Class work and Homework given from NCERT and Assignment(uploaded in Google Classroom).

	Reading Skills- Comprehension passage (1 class)	wisely. **Each student will be able to :** answer the questions asked in the worksheet.	Discussion of the importance of skimming and scanning.	● Oral Questions ● Worksheet
Business Studies	**UNIT-1 NATURE AND PURPOSE OF BUSINESS (10 classes)** **UNIT-2 FORMS OF BUSINESS (18 classes)**	**Each student will be able to-** ● 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 ● appreciate the role of profit ● differentiate between the types of industry. ● state the meaning of commerce and explain its elements. ● state and explain the nature and causes of business risks	● 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. ● To discuss on best form of business organisation ● Views on various case studies. ● To find examples of each form of business organisation in India.	Assignment Worksheet Google form NCERT questions Assignment Worksheet NCERT questions

| | **Sole proprietorship, features, merits and limitations;(3 classes)**

● Partnership-meaning, types, registration, merits, limitations, types of partners;(3 classes)
● Cooperative Societies-types, merits and limitations(3 classes)
● Company: Private Ltd., Public Ltd. - merits, limitations;(2 classes)
● Choice of form of business organizations

Starting a business - Basic factors.(4 classes | **Each student will be able to-**

● 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 starting a business. | ● to evaluate the comparative analysis of private sector | |

Accountancy	UNIT1- INTRODUCTION TO ACCOUNTING (8 classes)	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.	Students were asked to: - - -prepare a summary of various accounting terms. -draw a flowchart illustrating the process of accounting.	Assignment Work sheet Text book questions
	UNIT-2 THEORY BASE OF ACCOUNTING (5 classes)	Each student will be able to- ● **explain** and apply the various accounting concepts. ● **appreciate** the role of accounting standards	Students were asked to exemplify the application of various concepts of accounting.	Assignment Text book questions
	UNIT-3 RECORDING OF TRANSACTIONS- ACCOUNTING EQUATION (12 classes)	Each student will be able to- ● **explain** the concept of assets and liabilities ● **identify** two effects of a transaction	Students were asked to find online balance sheet of any organization and comment on application of accounting assumptions.	Worksheet Assignment based on questions from different book Text book questions 1-27

		● **post** the two effects into accounting equation. ● **draw** format of accounting equation. ● **find** out balance after each transaction.	To identify different receipts from daily life. To prepare an accounting equation from household expenses and incomes.	
Economics	**MEASURES OF CENTRAL TENDENCY MEAN,MEDIAN AND MODE , IN SPECIAL CASES AS WELL (10 CLASSES)**	**Each student will be able to** ● **Calculate** the numericals on the different methods of calculating central tendency. ● **Define** each of the central tendencies**.** ● **Calculate** each of the central tendencies in special cases.	Students will be asked to do an activity online using playing cards. To identify the steps involved in calculating the central tendency. To identify the different kinds of series	Assignment Worksheet Google form
	INTRODUCTION TO MICRO ECONOMICS CENTRAL PROBLEMS PRODUCTION POSSIBILITY CURVES OPPORTUNITY COST (8 classes)	**Each student will be able to** ● **Define** a PPC**.** ● **State** the problem of whom to produce with the help of a diagram. ● **State** two central problems ● **Explain** the implication of increasing MOC along the PPC**.** ● **Give reason f**or the shape of the PPC	Due to this pandemic if business from China shifts to India then- impact on the PPC. Game-to bring out the concept of scarcity. Real life examples to differentiate between positive and normative.. A classroom activity to establish the Law of Demand.	Worksheets, Online Quiz/MCQs' HOTS questions

| | THEORY OF CONSUMER'S EQUILIBRIUM AND DEMAND. (8 classes) | Each student will be able to

● **Establish** the consumers equilibrium in a single commodity
● **Establish** the consumers equilibrium in a two commodity case.
● **Establish** the law of demand
● **Determine** the relationship between price and demand
● **Establish** the other factors affecting demand.
● **Understand** how indifference curve is a better way to establish consumers equilibrium. | Effect of
a. Fall/rise in the price of a substitute good
 b. Fall/rise in the price of a complement good.
Consumers equilibrium through real life examples
Indifference curve with examples of daily life | Assignment

Worksheet

Google form |