

ACTION PLAN FOR CLASS-X JULY & AUGUST (2020-2021)

MATHS

Month	Week	No.of Period	Name of the Lesson & Topics to be covered	Pedagogical Process (Activities planned)	TLM/Resources	Learning objectives/Outcomes	Assessment Recapitulation	Remediation
July	1-4	4	Pair of Linear equation in two variables *Equation Reducible to pair of a linear Equations	Warm up session *Ask Qns based on two methods	Text book google meet, live videos mobile	Will learn to reduce the nonlinear equation to linear form.	Exercise 3.6(1 to 2)	Extra questions can be prepared based on Equation reducible to pair of a linear equations
	6-10	5	Polynomial *Introduction *Geometrical meaning of the zeroes of a Polynomial *Relationship between Zeroes and Coefficients of a Polynomial	Warm up session *Ask about the degree of the Polynomial *Ask about the coefficients	Text book Graph chart R.D.Sharma(Mathematics) videos through google meet, mobile	Will learn about the types of Polynomial, Relationship between Zeroes & Coefficients	Exercise 2.1 Qns no 1 Exercise 2.2 Qns no 1 to 2	Extra Qns can be prepared based on Polynomial
	13-18	5	Real Number Introduction *The Fundamental Theorem of Arithmetic *Revisiting Irrational Numbers and their Decimal Expansions	Warm up *Ask about the Real numbers, rational number and irrational numbers	Text book, R.D.Sharma(Mathematics) live teaching through google meet, mobile	Will learn about the Fundamental Theorem of Arithmetic and Irrational Numbers	Exercise 1.2 Qns no 1 to 7 Exercise 1.3 Qns no 1 to 3 Exercise 1.4 Qns no 1 to 3	Extra questions can be prepared based on Real number

	20-24	4	Probability *Introduction *Probability-A Theretical Approach	Warm up *Ask about Prime number Odd & even number, *Ask about dice, Playing cards.	Text book,Playing cards,Dice,live teaching through google meet,mobile	Will learn about the Probability	Exercise 15.1 Qns no 1to 25	Extra Qns can be given.
August	1-8	5	Triangles *Introduction *Simillar Figures *Similarity of Triangles	Warm up *Ask about Congruent figures *Ask about Polygons *Ask about Triangles	Text book, R.D.Sharma(Mathemati cs)live teaching through google meet,mobile	Will learn about Similarity,	Exercise 6.1 Qns no 1 to 3 Exercise 6.2 Qns no 1 to 10	Extra Qns can be given
August	10-14	3	Triangles *Criteria for Similarity of Triangles *Areas of Similar Triangles	Warm up *Ask about Criteria for Congruency of two Triangles *Ask about Areas	Text book,reference book,google meet, mobile	Will learn about Criteria for Similarity	Exercise 6.3 Qns no1 to 16	Extra Qns can be given
	17-22	5	Triangles *Pythagoras Theorem	Warm up *Ask about Pythagoras Theorem	Text book,R.D.Sharma(Math ematics),mobile, google meet	Will learn aboutPythagoras theorem	Exercise 6.4 Qns no 1 to9 Exercise 6.5 Qns no 1 to 17	Extra Qns can be given.
	24- 29	5	Class Test					

ENGLISH

MONT H	WEEK	NO. OF PERIOD S	NAME OF THE LESSON/TOPICS TO BE COVERED	PEDAGOGICAL PROCESS ACTIVITIES PLANNED	TLM / RESOURCES	LEARNING OUTCOMES	RECAPITULATION	REMEDIATION
July	1/07 to 3/07	3	Revision	All the chaptes were revised on google-meet,oral comprehension was checked by asking questions,healthy interaction with the children is maintained.	Tata class edge learning,	Habit of reading is inculcated, enriches the knowledge and vocabulary understands and elicits meanings of words in different context, and by using dictionary and digital facilities.	Discussion of the questions at the end of the poem, few extracts to be given to test their understanding. summries of the lessons were revised with the help of few exercise questions.	To read the poem silently and later read it loud in front of their siblings A healthy talk with their parents regarding the child's learning and behaviour.
	6/07 to 11/07	2	Poem: Fire and Ice	A discussion on life process-about how the world will end.It mentions that both fire and ice can bring probable end to this world where fire represents greed, fury, hatred and ice represent coldness, indifference, insensitivity . google - meet interaction with the children	other poems of Robert Frost, Google-Meet,Tataclassedge,	Learns that only love, equality,mutual understanding and sympathy for one and all can help in establishing peace on earth, learns to appreciate and interpret.	Ques/answers and other exercises at the end of the poem is to be solved	Extracts to be done to revise the poem ,asked to read the poem with their siblings.
		2	TENSES	Will be explained with help of exercises on googole-meet, will be asked to write a paragraph on anything and underline the	Referrences of other grammar books, White-Board ,reference to various links.	Enhances the language skill,	Exercises to classify the various tenses	Worksheets to be circulated

				verbs used and also identify the tenses.				
	13/07 to 18/07	4	L2 Nelson Mandela: Long Walk To Freedom	To give a sketch of Nelson Mandela , who fought against apartheid.Followed by recounting the life of the leader, his sufferings to attain the freedom for his people,presentation on google -meet to explain the chapter.	Dictionary, ,discussion on Nelson Mandela Tata class edge ,sharing the links for better understanding.	,reads silently with comprehension and interprets the layers of meanings,also gets the importance of freedom in one's life.	To figure out the exercises given at the end, questions to be put to check the comprehension.	They will be asked to read the lesson silentlyand share the summary with siblings or parents and extracts are given and discussed for their better learning.
	20/07 to 25/07	4	Two Stories About Flying: I-His First Flight II-Black Aeroplane	Sharing anecdotes or personal experiences of any sort of bravery act.Followed by the explanation of the two stories of bravery and cowardice,all this is done on google meet ,presentation of the story on tata class edge.	Warm-up discussion on courage and bravery , Tataclass edge , white-board,reading habit is inculcated by asking them to read it on their own and later their comprehension is tested .	Gets inspired and learns not to loose hope while in danger And how to overcome their fear of any type. ,reading habit is inculcated by asking them to read it on their own and later their comprehension is tested .	To figure out the various exercises given at the end, will be asked to write a short paragraph on Nelson Mandela.	Oral comprehension check, also would like to have a check on the child's learning by having an interaction with the parents.
	25/07 to 31/07	2	PRE-MID TERM EXAMS					
August	03/08 to 08/08	4	From The Diary Of Anne Frank	Recount the time of invasion of German over Holland,about the sufferings of the people and their survival.About how a girl spent her adolescent years hidden from the	Pictures of ancient times of Germany and Holland , of Anne Frank,tata class edge,listens for information,gist and details and responds accordingly.	To evaluate the writing of a diary,to pen down something on regular basis in an account of a diary, learns the importance of freedom in one's life,increases their vocabulary.	Thinking about the text, about language,phras—al verbs, idioms,writing of a diary	Oral comprehension check for better understanding

				outside world, and her diary kept all her secrets. story is to be presented on google meet for better understanding.				
	10/08 to 15/08	2	Poem: A tiger in the zoo	The poet depicts the mental condition of the caged tiger, an important message to be conveyed that the wild animals should be left in their natural habitats. They will be asked to write a poem on any other creature, using various poetic devices.	Healthy discussion on animals and their freedom, dictionary, tata class edge, google meet, e-pathshala	Shows how love for freedom is the natural instinct of every living being, also comes to know the contrast between freedom and captivity, listens to literary inputs in varied contexts to infer and appreciate.	All the exercises at the end of the poem are to be solved, will be told to read the poem silently and share the summary.	Few extracts for follow up
		2	The Ball Poem	Warm up session of discussion on the prioritise of our lives. We need to be strong to live according to our desires. Presentation on google meet to well explain the lesson, they will be told to write a short poem and then recite it one by one on google meet.	Tata class edge learning, other works of the poet, John Berryman, sharing of links for other such poems.	Listens to and discusses the literary inputs in the poem, will learn to cope up with the loss in this world of possessions.	Summary to be revised, exercises to be discussed, to recite the poem one by one on google meet.	will listen to their recitation, will ask to share the summary with their siblings.
	17/08 to 22/08	4	L5 The Hundred	A healthy debate on virtues like kindness, compassion etc. It's about how the society sometimes becomes judgemental.	dictionary, discussion on moral values like forgiveness, tata class edge, links will be shared for better understanding.	To understand that self pride is the most important virtue irrespective of the financial status of a person, learns how forgiveness can raise a person above the others in a society	Thinking about text- ques/ans,	Oral comprehension check by putting up the questions and revising the summary, to write an article on

						understands and elicits the meanings of the words in different contexts.,		friendship.
			Dresses – I	-ntal about people who do not confirm to the standards of dress			Thinking about language- phrasal verbs,adjectives,o ther exercises at the end of the lesson,also prattice letter writing.	
	24/08 to 31/08	4	L6 The Hundred	and mannerism set by it.Google meet interaction .				
			Dresses – II	To be continued with the same theme, to have a role play , to write a short story based on relationships.	Tata class edge learning , sharing links of other such works.	Role play, to write a short story based on relationships.	Summary is revised, exercises are solved,	few extra questions are to be put to test their understanding , will ask to share summary of the lesson with their parents or siblings.

HINDI

Month s	Week	No. of periods	Name of the lesson and topic to be covered	Pedagogical process (Activities planned)	TLM/ Resources	Learning objectives/ outcome	Assessment/ Recaptulation	Remediation
जुलाई	1 - 4	3	वाच्य वाच्य के प्रकार व अभ्यास	भाषा में व्याकरण के महत्व पर चर्चा वाक्य से संबंधित प्रश्न आदि	चार्ट व ऑडियो	भाषा में वाक्यों के प्रयोग को सीखना व उसके महत्व से परिचित होना	अभ्यास कार्य करने के लिए दिया जाएगा	वाच्य के प्रयोगों का चार्ट बनाना वाच्य के प्रयोगों का चार्ट बनाना
	6 - 11	5	बालगोबिन भगत लेखक परिचय पाठ परिचय भगत जी की दिनचर्या रहन सहन आदि	ग्रामीण जीवन पर चर्चा , विभिन्न ऋतुओं व हिंदी महीनों की जानकारी ली जाएगी	पीपीटी चार्ट चित्र आदि	भाषा के शब्द रूप का ज्ञान, ग्रामीण जीवन से परिचित होना जीवन मूल्यों को अपनाने की प्रेरणा	पाठ से संबंधित प्रश्नों के उत्तर लिखने के लिए दिए जाएंगे	हिंदी महीनों के नाम त्योहारों पर चार्ट तैयार करना
	13 -18	5	सूरदास के पद कवि का जीवन परिचय पाठ परिचय भ्रमरगीत गोपियों का बिरह तथा कृष्ण प्रेम	कृष्ण से संबंधित प्रश्न उनकी बाल क्रीड़ा पर चर्चा	चित्र वीडियो आदि	काव्य को लय के साथ पाठ करना तथा काव्य के भाव ग्रहण करवाना,	काव्य सौंदर्य व अर्थग्रहण संबंधित प्रश्नों के उत्तर लिखने को दिए जाएंगे	भ्रमरगीत के कुछ काव्यपंक्तियों का संग्रह
	20 -24	4	पद परिचय संज्ञा ,सर्वनाम	पूर्व ज्ञान पर आधारित प्रश्न पूछे जाएंगे	चार्ट पीडीएफ ऑडियो	भाषा में व्याकरण के महत्व से परिचित कराना। संज्ञा सर्वनाम	अभ्यास कार्य दिया जाएगा	विकारी शब्दों को चार्ट द्वारा दर्शाना

			क्रिया, विशेषण			विशेषण आदि का प्रयोग		
अगस्त	4 - 8	4	रस की परिभाषा रस के अंग, स्थाई भाव तथा विभिन्न रस	देशभक्ति से परिपूर्ण काव्य पाठ संगीत, भाव भंगिमा द्वारा रस को प्रदर्शित करना	प्राकृतिक दृश्य, रस से संबंधित भाव चित्र संगीत ऑडियो	काव्य में रस के महत्व से परिचित होना तथा जीवन में व्याप्त रसों से भी परिचित होना	अभ्यास कार्य रस से संबंधित प्रश्न लिखने को दिए जाएंगे	विभिन्न रसों का भाव चित्र तैयार करना
	10 -14	3	लखनवी अंदाज लेखक परिचय व पाठ परिचय नवाब साहब का चरित्र एवं लेखक की प्रतिक्रिया	छात्राओं से व्यंजन बनाने की विधि या पूर्व तैयारी पर चर्चा तथा वाद विवाद	विषय से संबंधित पीडीएफ ऑडियो एकल अभिनय भाव प्रदर्शन द्वारा	पाठ का शुद्ध वाचन तार्किकता का विकास दिखावे की वृत्ति से दूर रहने की प्रेरणा कल्पनाशीलता	पाठ के अभ्यास कार्य करने के लिए जाएंगे	लखनऊ के लोगों के रहन-सहन पर एक चित्र बनाएं
	17- 22	5	जॉर्ज पंचम की नाक जॉर्ज पंचम की जानकारी ,आजादी के पूर्व की स्थिति , पदलो लूप लोगों की मनोवृत्ति और स्वार्थ पूर्ति के लिए अमानवीय कृत्य	देशभक्तों के बारे में प्रश्न वह देश भक्ति काव्य पाठ चौराहे पर लगी मूर्तियों पर चर्चा वर्तमान परिस्थितियों पर संक्षिप्त परिचर्चा	देशभक्तों के चित्र व वीडियो द्वारा उनका जीवन वृत्त दर्शाना	विचार शक्त तर्क शक्ति का विकास इतना शीलता देशभक्ति की भावना जागृत करना	पाठ में दिए गए अभ्यास कार्य करने के लिए दिया जाएगा	अपने आसपास के वातावरण पर आधारित एक परियोजना तैयार करना
	24- 29	5	उत्साह कवि परिचय पाठ परिचय काव्य के अंग भाव सौंदर्य	पर्यावरण वर्षा पर काव्य पाठ वर्षा वर्षा ऋतु से संबंधित प्रश्न जीवन में कोमलता व कठोरता के महत्व को बताने के लिए	प्राकृतिक दृश्य चित्र निराला जी का जीवन वृत्त ऑडियो	काव्य को उचित आरोह अवरोह के साथ पाठ करने की प्रेरणा कल्पनाशीलता का	काव्य पर आधारित भाव सौंदर्य व शिल्पा सौंदर्य पर प्रश्न	वर्षा ऋतु पर काव्य लेखन

				प्रेरित करना		विकास		
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Month	Week	no. of period	Name of the lesson	Pedagogical Process (Activities Plan)	TLM Resources	Learning Objectives/Outcomes	Assessment	Remediation
जुलाई	1	3	पाठ - 1 शुचिपर्यावरणम्	वर्तमान समय का उदाहरण देते हुए वातावरण की शुद्धता के बारे में अवगत कराना।				
	2	4		वृक्षों के लाभों से अवगत कराना ,पाठ का भावार्थ समझाना व लिखवाना	ऑडियो, वीडियो पी० डी० एफ०	छात्राएं पर्यावरण को स्वच्छ रखने के प्रति जागरूक होंगी, वृक्षारोपण का संकल्प लेंगी।	अभ्यास पेज न० 6 से 9 तक	पर्यावरण पर आधारित चार वाक्य लिखें
	3	4	पाठ- 5 जननी तुल्यवत्सला	वार्तालाप के माध्यम से मां की ममता का महत्व समझाना और यह बताना कि मां की ममता के बिना जगत दुख में हो जाता है।पाठ का वाचन करवाते हुए भावार्थ समझाना। कठिन शब्दों की व्याकरण लिखवाना।	ऑडियो, वीडियो, पी डी एफ	छात्राएं जान पाएंगी कि मां बाप के आशीर्वाद के बिना यह जगत दुखद है।	पेज न० 43 से 45 तक अभ्यास हल कराना	अपनी मां के विषय में 5 वाक्य लिखिए।
	4	3	व्याकरण – तत्पुरुषः समास	तत्पुरुष समास की परिभाषा पहचान उदाहरण समस्त पद समास विग्रह विस्तार पूर्वक समझाना ,उदाहरण लिखवाना।	ऑडियो, व्हाइट बोर्ड, पी डी एफ।	छात्राएं विभक्ति तत्पुरुष समास को पहचान कर समस्त पद बनाना व विग्रह करना सीखेंगी।	20 उदाहरण लिखवाएं जाएंगे।	तत्पुरुषः समास पर एक पी पी टी बनाए।
अगस्त	1	1	व्याकरण- द्वन्द्व समास	वार्तालाप के माध्यम से द्वन्द्व समास की पहचान	ऑडियो, वीडियो, व्हाइट बोर्ड, पी डी एफ	छात्रा द्वन्द्व समास की पहचान करके उसका	20 उदाहरण लिखवाएं जाएंगे।	स्वतंत्रता दिवस समारोह का चित्र

				परिभाषा प्रकार उदाहरण		प्रयोग करना सीखेंगी		बनाकर या चिपकाकर पांच वाक्य लिखें
	2	3		समस्त पद विग्रह विस्तारपूर्वक समझाना।				
	3	3	व्याकरण- टाप् प्रत्यय	पुल्लिङ्ग शब्दों को स्त्री लिंग में परिवर्तन करने के प्रत्ययों को विस्तार पूर्वक समझाकर उदाहरण लिखवाएं जाएंगे।	ऑडियो, वीडियो व्हाइट बोर्ड	छात्राएं टाप् प्रत्यय को समझ कर पुल्लिङ्ग से स्त्रीलिंग के शब्द बनाना सीखेंगी ।	15 उदाहरण लिखवाए जाएंगे।	आज पिता के साथ हुए वार्तालाप को संस्कृत में लिखें।
	4	4	पाठ- 6 सुभाषितानि	संस्कृत के विभिन्न कवियों के माध्यम से मानव जीवन का महत्व समझाना। तथा यह बताना कि श्रेष्ठ जनों की संगति तथा उनके संकेतों को समझकर कार्य करना चाहिए। श्लोकों का भावार्थ समझा कर अर्थ लिखवाना तथा कठिन शब्द की व्याकरण लिखवाना	ऑडियो	छात्राएं मानव जीवन में कठोर परिश्रम एवं गुणों का महत्व समझेंगी। क्रोध ना करते हुए जीवन में सत्य का आचरण करने का प्रयास करेंगी।	पेज नं० 77 से 80 तक अभ्यास कराना	परोपकार पर दो श्लोक सस्वर याद करें।

SOCIAL STUDIES

HISTORY

MONT H	WEEK	NO. OF PERIOD S	NAME OF THE LESSON/TOPIC COVERED	PEDAGOGICAL PROCESS	TLM/ RESOURCES	LEARNING OUTCOMES	ASSESSMENT	REMEDIATION
JULY	1	2	Revision	Lesson 1 –the rise of nationalism in Europe(revision of the topics done in the month of April)				
	2		Lesson-1 The rise of nationalism in Europe TOPIC- *A new conservatism after 1815 *The age of revolutions	Warm up session- Q)what is a nation A discussion on the features that are common among nations in the present day Activity- Identify such nations in the contemporary times and locate on the world map.	*Videos *maps *online quizzes *Google meet discussions *Political map of the world *e resouces	Understand how the idea of nationalism And its various forms emerged in Europe.	Online quiz related to the topic was conducted through google meet	Worksheets with MCQs for the slow learner/extra attention to them.
	3	2	Lesson-1 The rise of nationalism in Europe TOPIC- *The romantic imagination and national feelings *Hunger hardship and popular revolt *1848 -The revolution of the liberals	A Discussion on role of language and folklore in developing nationalist sentiments Prepare a glossary of terms from the textbook such as plebiscite, conservatism, suffrage etc.	*Videos *Online quizzes *Google meet discussions with the help of flow charts.	Learn about the role of language and culture in developing nationalist sentiments Point to the way the idea of the nation states became generalised in Europe and elsewhere	Students were given some short type answer questions to write within the given time.	Worksheets with MCQs and short question and answer for slow learners. Discuss textbook Q/A.
	4		PRE-MID TERM	Assessment through Google Form				

AUGUST	1	2	Lesson-1 The rise of nationalism in Europe TOPIC- *The making of Germany and Italy	Gather information and analyse the role of the Italian revolutionaries like Giuseppe Mazzini and Garibaldi and their vision.	*Videos *Online quizzes *Google meet discussions with the help pictures.	Understand the role of revolutionaries in the creation of nation states	Activity based questions were given based on activities on page no.3,11,21,24 and 25.	Difficult contents were discussed and queries resolved through whatsapp group.
	2-3	2	Lesson-1 The rise of nationalism in Europe TOPIC- *Visualizing the nation *Nationalism and Imperialism	Observe the female figures who represent nations Students were asked to identify their attributes and symbols –Germania and Marianne Prepare a list of symbols pertaining to nationalism and explain their significance.	*Videos *online quizzes *Google meet Discussions *Videos *online quizzes *Google meet Discussions	Students would understand how the female allegories represent the nation and would be able to interpret the symbolic meaning of the painting and significance of the change. At the completion of lesson students will be able to define nationalism and describe events that affected European Nationalism	Open book questions were given for practice. Open book questions were given for practice	Worksheets with MCQs and short question and answer for slow learners. Questions related to the topics were asked and doubts resolved through google meets
	4	2	Assesment through open book					

GEOGRAPHY

MONT H	WEEK	NO. OF PERIOD S	NAME OF THE LESSON/TOPIC COVERED	PEDAGOGICAL PROCESS	TLM/ RESOURCES	LEARNING OUTCOMES	ASSESSMENT	REMEDATION
JULY	1	4	Revision					
	2		L-1: Resources and Development *Soil as a Resource *Classification of Soil. 1. Alluvial soil 2. Black Soil 3. Red and Yellow Soil 4. Laterite Soil 5. Arid Soil 6. Forest/Mountainous soil	Discuss and share observations about the importance of soil as a resource. Share the major factors responsible for soil formations.	*Videos *maps *online quizzes *Google meet discussions *Diagrams of Soil Profile	Understand the importance of soil and its distribution pattern in India.	On the map of India locate the major soil types. (Pg-9)	Worksheets with MCQs for the slow learner/extra attention to them. Identify the type of soil with the help of pictures. (Pg. 8-10)
	3		*Soil Erosion *Soil Conservation	Discuss the types and causes of Soil Erosion. Suggested various ways for Soil Conservation.	*Videos *Online quizzes *Google meet discussions with the help of flow charts. *Pictures of Soil Erosion (Pg. 11)	Learn about the various Practices and methods of Soil Conservation in India.	Ask them to find out the type of soil in their areas and ways to conserve that soil.	Worksheets with MCQs and short question and answer for slow learners. Discuss textbook Q/A.
	4		PRE-MID TERM	Assessment through Google Form				

AUGUST	1	1	L-3: Water Resources *Introduction of water as an important Resource. *Distribution of major rivers and multi-purpose river projects in India.	Discuss water with some facts and figures. Study water as renewable resources.	*Videos *Online quizzes *Google meet discussions with the help pictures. *Map of Major Rivers and Dams in India.(Pg. 28)	Learn about the Distribution of major rivers and multi-purpose river projects in India.	Comprehend the importance of water as a resource as well as awareness towards its use and conservation.	Locating and labeling the important dams and rivers on the outline map of India.
	2-3	2	L-4: Agriculture *Definition *Agriculture as a primary activity. *Types of farming	Explain the importance of Agriculture in national economy. Identify the various types of farming and discuss various farming methods.	*Videos *online quizzes *Google meet discussions *Pictures of types of farming (Pg-34-35)	Learn about the various types of farming practices in the world.	Agriculture is an old economic activity. Students are asked to know the state policies that are introduced by the Gov. to boost agricultural economy.	Worksheets with MCQs and short question and answer for slow learners.
	4	1	Revision	Assessment through open book				

ECONOMICS

MONTH	NO OF PERIODS	NAME OF THE LESSONS & TOPICS	PEDAGOGICAL PROCESS	TLM/RESOURCES	LEARNING OBJECTIVES	ASSESSMENT	REMEDATION
JULY	04	Ch 1 DEVELOPMENT *What development promises *National Development *How to compare countries *Income and other criteria	*Discuss the development goals of students *How the pandemic COVID 19 effect different individuals(online dialogue presentation- students act like farmers ,artisans, venders for dialogue presentation)	*Photoes of demonstation (newspaper cuttings) *PPT	*Understand the main criterion in classifying different countries , *Issues of sustainability for development. To know the examples of environmental degradation	*Exercises given in the text book , page no:16&17 *”Work these out” page no 4&9	Extra notes and worksheets will be prepared differently
JULY	25_30	Assessment through google forum			Recognition and recall of subject matter		Re-test will be planned for better result
AUGUST	04	Ch 1- Development (continue) *Public facilities *Sustainable development *Cha 2-Sectors of the economy *Economics activities *Comparing sectors	*What steps the government has taken in response to COVID 19 as public facilities (News report by students) *Importance of teritiary sector during pandemic (work From home,online teaching)	*Flow chart *Bar diagram *PPT	*How is different sectors contribute to econimic development of the nation *Compare the employment conditions prevailing in organised and unorganised sectors	*Exercises given in page no 35,36,37 *Work these out Page no 29	MCQ And extra work sheet will be send to students according ly
August 25-30		Assessment through open test	-----	-----	-recognition and recall of subject matter	-----	Re-test will be planned for better result

SCIENCE

PHYSICS

MONT H	WEEK	NO. OF PERIOD	CHAPTER NO. NAME OF TOPICS	PEDAGOGICAL PROCESS	TLM / RESOURCES	LEARNING OBJECTIVES	ASSESSMENT	REMEDICATION
JULY	1-4	2	CH-12 ELECTRICITY TOPIC: Electric current, potential difference,	Warm up session : asking the importance of electricity in day to day life	Videos, audios, PPT Images of ammeter, voltmeter, plug key	To inculcate the spirit of scientific reasoning among the students to know the concepts of electric charge, electric current, SI units of current, potential difference Draw symbols of electric components and circuits. Ohm's law to analyse the relationship between voltage, resistance and current in electrical circuit. Plot a VI graph Joule's law of heating Learn the formulae Solve numerical problems	Exercises given in the book pg no.202, 209, 213, 216, 218 and 220 Textbook exercises Solve numerical problems given in the textbook	Extra notes and worksheets designed *MCQ questions designed in Google forms and accepted the responses
	6-11	2	OHM'S law, resistance, resistivity,	Discussion of their Pre requisite knowledge of metals non metals conductors, insulators, structure of atom, concept of				
	13-18	2	Factors on which the resistance of a conductor depends, resistor in series and parallel and its application in daily life	electron method of charging etc. Demonstration cum lecture method. Activity based teaching with active participation of students				
	20-25	2	Electrical energy Power rating Numericals					
						To infer that electric field can induce a magnetic field To understand the force on a current carrying conductor in a magnetic field Right hand thumb rule, Fleming's left hand rule, Fleming's Right hand rule To know the working of an electric generator		

AUGUST	4-8	2	CH-13 MAGNETIC EFFECT OF ELECTRIC CURRENT TOPICS: Introduction Magnetic field and field line Field due to current carrying coil Right hand thumb rule Force on current carrying conductor, Fleming's left hand rule, electric motor, electromagnetic induction, Fleming's right hand rule	Warm up session: Discussion of their pre requisite knowledge of magnet poles of magnet, properties of magnet, magnetic substances, etc. Demonstration cum lecture method, activity based teaching with active participation of students.	PPT, videos from tata edge		Exercises given in page no. 224, 228, 229, 231 and chapter end exercises	Extra notes and designed worksheets, extra questions prepared according to the student's level
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BIOLOGY

MONTH	WEEK	NO.OF PERIODS	NAME OF THE LESSON TOPICS TO BE COVERED	PEDAGOGICAL PROCESS	TLM	LEARNING OUTCOMES	ASSESSMENT	REMEDIATION
JULY	01 TO 04	2	LIFE PROCESSES	warm up session- discussion amongst students between living and nonliving.	Modules from tata class edge (virtual classes)	Understand the need for energy such as digestion ,respiration, transpiration, and excretion . *Explain the steps of photosynthesis. *Understand the different modes of nutrition in living beings. *Understand the need for nutrition and - process of digestion.	1.asking open - ended questions	#Teaching again context that students failed to learn.
	06 to 11	2	What are life processes?	observation and exploration with the help of tata edge classes diagrams of human organ systems	*PDF of notes(related topic)viaGOOGLE MEET whatsapp videos,audios		2.discussion of int ext questions as well as exercise questions.	#Explaining the topic with the digital curriculum.
	13 to 18	2	Modes of Nutrition (autotrophic/heterotrophic)	Nutrition in humans and relating the knowledge to oneself	*carmel school gurus portal for uploading notes		3.correction of notebooks(online)	#debate ,seminar for better learning.
	20 to 24	2	Nutrition in plants Nutrition in amoeba Nutrition in human beings.	Reflection on life processes followed by discussion in a manner that students can understand, remember and apply	*Multi disciplinary projects .		4.random questioning.	#small tests of 5-10 marks on daily basis.
				Based on Practical skills :	*virtual lab practicals		5.GOOGLE FORMS TEST (PERIODICALLY)	#sending them youtube links for better understanding

				. 1.To prepare a temporary mount of a leaf to show stomata	*online links			#special GOOGLE MEET for slow learners
				*Discussion of sample paper questions ,				
				HOTS.				
				*Framing intext questions.				
JULY	25 to30		PRE MID TERM EXAMS		*Email			
					*Reference books - pradeep , together, dinesh, GRBetc			
AUG UST	04 to 07	1	Life processess (cont) Respiration introduction #Types of respiration	Through videos explanation that carbon dioxide is given out during respiration . Warm up session on how digested food provides energy to perform various	Concept mapping	Understand the need and types of respiration in living beings *Able to explain human respiratory system and give small virtual seminar		
	09 to 14	2	a.Aerobic respiration	functions	Balloon exercise			
			b.Anaerobic respiration			*able to draw diagram of respiratory		
			#Respiration in plants	On virtual platform making them perform		system in humans		
	17 to 22	2	#Respiration in animals	activity of breathe in breathe out.				

AUG UST	24 to 29	2	Transportation in plants Transportation in Animals	*diagrammatic representation *interactive learning supporting the logic of students by revealing the conclusion of the statement of the student as supported. *Discussion of sample paper questions , HOTS. *Framing intext questions. *Quiz	same as above	*Explain and understand the concept of transport of materials in both plants and animals *able to explain double circulation in human body . *explain ascent of sap in plants.	same	same
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