

TAGORE INTERNATIONAL SCHOOL VASANT VIHAR, NEW DELHI SYLLABUS (2021-2022)

CLASS VIII

June- March

JUNE Subject Topics Covered Learning Outcome Activities Assessments The Thousand Petalled Each student will be able to-Learning by Doing-Based on group discussion **English** and the answers to the Lotus -recall any one myth from India. Use the story you have enjoyed short story questions discussed in the and create a modern version of class, followed by written -speak about any one mythological it, based on the original but set assessment of the short and character in the Harry Potter or Rick in modern times and in modern long answers, sequencing of Riordan books or movies. language, shortened to appeal events, character sketches, to young people today. -summarize the article. analysis of the key theme and message. **Experiential Learning/** Multiple -complete the exercises after the class Intelligence (....)discussion. **Activity Based Assessment** Poetry Appreciation -Videos on Greek mythology. -enjoy the poem and the descriptive Speaking Skill Assessment-'Tartary' by Walter de la Mare Reflection- Comparison of element in it.

	Grammar- simple, compound and complex sentences Independent clauses and dependent clauses Punctuation	- identify the rhyme scheme of the poem. -share at least one thought about the value of art in our lives. -make a connection with why stone age art is relevant to us and answer the questions discussed -learn how to distinguish between the different types of sentences -join 2 or more clauses using conjunctions and other connectors -learn how to use a variety of sentences.	Greek gods/heroes with Indian mythology gods/heroes. Warm up- class discussion about art and its role in our lives. Art Integration- Imagine yourself to be in the Paleolithic Age. Paint what you see around you using natural colours.(Use small smooth stones) Exercises using conjunctions and types of sentences, joining sentences using conjunctions	Google Forms Google Docs Based on correct responses in class and the student's ability to follow the instructions and complete the exercises correctly.
Hindi	मधुप असली याचक ठुकरा दो या प्यार करो भंगाहल का तिलिसम नवीन शब्दावली वाक्य रचना प्रश्न उत्तर	प्रत्येक छात्र निस्वार्थ प्रेम और त्याग, समर्पण के विषय में कम से कम तीन से चार वाक्य लिख सकेगा। ईश्वर ,बहुमूल्य, भेंट, भजन ,कीर्तन, दान- दक्षिणा से प्रसन्न नहीं होते।वे सच्ची भक्ति भाव से प्रसन्न होते हैं इस विषय मे की गई चर्चा में भाग ले सकेगा। हिमाचल की सबसे खूबसूरत घाटी कौन सी है और किस घाटी को रोमांच प्रेमियों	https://youtu.be/cqwHNdTUTJs असली याचक https://youtu.be/PkINm-gxM3M ठुकरा दो या प्यार करो। कोरोना काल में मंदिर-मस्जिद के बंद दरवाजों ने क्या संदेश दिया कक्षा मे चर्चा की जाएगी। https://youtu.be/KSVny1AhyAo	व्याख्यात्मक अभ्यास पत्र के माध्यम से। लिखित प्रश्नों के माध्यम से।

	व्याकरण पत्र लेखन शब्द और पद संवाद रचना अमृत संचयन फूल का मूल्य	के स्वर्ग का खिताब दिया जा सकता है ,विषय पर अपने विचारों को मौखिक रूप से बता सकेगा।	भंगाहल का तिलिस्म गौतम बुद्ध के विषय में अन्य कहानियां सुनाई जाएगीं।	
Math	Understanding Quadrilaterals Polygons Classification of Polygons Angle Sum Property Sum of the measures of the exterior angles of a Polygon Kinds of quadrilaterals Some special parallelograms Playing With Numbers Divisibility tests Numbers in general form	Each student will be able to Recognize a quadrilateral and name its parts Find the angles of a quadrilateral Define various types of quadrilaterals Recall definitions of rhombus, square trapezium etc. List the properties of parallelogram Distinguish between each of them Apply properties to solve problems Recap the divisibility test and understand the logic behind them Express numbers in general form	Experiential Learning Activity 1. Exterior angle property – cut and paste 2. Angle sum property – cut and paste 3. Kite and Rhombus – paper folding	Practice assessments on Google forms MCQ & Short Answer Questions Worksheets 1. Objective type 2. Assignment sheet Quiz online Graphic Organizer Math Games

	Reversing of digits	Solve questions based on reversing of digits	Art Integration QUADRILATERAL ACTIVITY: 'PARALLELOGRAM CLUB'	TESTS ONLINE QUIZ ONLINE LIVE WORKSHEETS
Science	Metal and non- metal Physical properties of metals and non metals Chemical properties of metals and non metals Uses of metals & non metals Coal and Petroleum Formation of coal and	Each student will be able to Describe the occurrence of metals. List the physical properties of metals and non-metals. State the chemical properties of metals and non-metals Differentiate between the physical and chemical properties of metals and non-Metals Describe the occurrence of petroleum and coal Discuss about fossil fuels coal, natural	Virtual lab Activity (simulation) 1.Burning of Magnesium ribbon, Displacement Reaction, Oxides of metals and non –metals, Hydroxides of metals and non –metals, and non –metals, which is the control of	Class Participation Viva-voce based on experiment Google Forms - Objective type questions Google docs Graphic Organizers Edpuzzle Quizziz Class Participation Google Forms - Objective

	Petroleum and its products Coal and its products Fuel: Types of fuel	gas List the various fraction obtained from petroleum list the characteristics of an ideal fuel State the tips given by PCRA for conserving fuel	3.To test the electric Conductivity of some common metal, Which metals have high electrical conductivity? Reaction of metals with dilute HCI Displacement reaction using AgNO ₃ and Cu metal. Double displacement reaction using NaOH an HCI OLABS -simulations on Virtual Labs Group discussions Case study	type questions Google docs Graphic Organizers Quizizz
Social Science	Civics Parliamentary Government Union Legislature-	Each student will be able to (i)Write about the composition of the Indian Parliament (ii)Draw comparison between the two	Newspaper activity- on Union Legislature Class discussion	Participation in Class discussion 4 marks Google Form- Other objective type questions- 6

-Lok Sabha -Rajya Sabha -How Union Le -Functions of Legislature	egislature Works	houses of the Indian Parliament (iii)Describe the working of the union legislature (iv)Enumerate the functions of the union legislature. (v)Describe the role of people in translating the felt needs into laws	The 61st amendment lowered the voting age from 21 to 18. Do you think it was the right decision? Give reasons	marks Online worksheet Assignment Work
Geography Land Soil And Resources Land resources Water resource Distribution, U Conservation resources	es s ces Itilisation and	Each student will be able to (i)list the different forms of land, soil and water resources; (ii)highlight the importance of land as a resource (iii)tell about the causes for their degradation; (iv)suggest some ways to conserve these resources. (v)explain the factors leading to soil formation (vi)name the different soil types and mention its distinguishing feature (vii)point out the need to conserve water	Group Activity Chart on resources, degradation and their conservation Discuss in pairs Land use pattern in NCR Has it undergone change in recent years? Reasons responsible for change in land use pattern	Participation in class discussion Online worksheet 6 marks Assignment work 4 marks

		and suggest ways to conserve it		
स्वस्ति वाचन - SWASTI VACHAN Sunne Se Swasthya Aur Samadhan Prapt Hota Hai -Swasti Vachan Lyrics	ग्रैष्मावकाशीय गृहकार्य चर्चा स्वास्थ्यैव धनम् (विधिलिङ्लकारस्य पुनरावृत्तिः) टयाकरणिक कार्य – शब्दधातुरूप- अस्मद्,युष्मद्, किम् (तीनों लिंग) अस्, भू, पठ्, कृ (पंचलकार)	प्रत्येक छात्र स्वास्थ्य संबंधी नियमों का स्व दिनचर्या में पालन कर पाएगा। स्वास्थ्य संबंधी नियमों को लिख पाएगा। संस्कृत भाषा में लिखित स्वास्थ्य संबंधी ग्रंथों की सूची बना पाएगा। शब्द धातु रूप का प्रयोग वाक्यों में कर पाएगा।	कला समन्वय -सुलेख हस्तिलिप (कैलिग्रेफ़ी) लेखनसंबंधी गतिविधि - "बाह्य संक्रमण से सुरक्षा" / स्व रुचि अनुसार स्वास्थ्य संबंधी लेख लिखना अथवा नारा लेखन करना यथा- "स्वास्थ्यः सर्वोपरि" अनुभवात्मक प्रयोग- घर के अन्य सदस्यों को संस्कृत नारा अथवा लेख सुनाना तथा संबंधित प्रश्न पूछना। इस क्रियाकलाप की रिकॉर्डिंग कक्षा में दिखाना। (अन्वेषण आधारित प्रश्न) भारत सरकार का आयुष्मान स्वास्थ्य संबंधी कार्ड कैसे बनाया जाता है?	विषय से संबंधित मौखिक- लिखित प्रश्नोत्तर, अभ्यास कार्य, कला संबंधी कार्य तथा भाषा संवर्धन गतिविधियों, गूगलालेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।

			सामूहिक अभिनय जन्य पठन-पाठन स्वस्थ रहने के उपाय बताते हुए शिक्षाप्रद नाटिकाओं का प्रस्तुतीकरण। (पूर्वसंदेशित)	
			शब्दावली गतिविधि – स्वास्थ्य संबंधी हिन्दी शब्दों की संस्कृत खोजकर लिखना। विधिलिङ्लकार का प्रयोग।	
French	Dans le train	Each student will be able to	Audio compréhension.	Assessment based Activity:
	Explanation of the lesson	Conjugate verbs in various tenses.	(Listening Skill)	Décrivez votre voyage par le train en 10 lignes. (Creating)
	Exercises of the lesson	Hear an audio clip in french and	Learning Based Activity:	
	Conjugaison des verbes	understand it and answer questions based on it.	Conjugation of verbs in the cahier de verbes.	Assessment of Listening Skill : Podcast
		Learn new vocabulary words pertaining to a train journey. Answer questions based on the lesson.	Board Game: Conjugation of verbs in the present, past & future tenses.	Worksheet - Verbes
				Question Bank

Mandarin	你的爱好是什么	Each student will be able to	Speech with the topic of "我的	worksheet
	The usage of the word"爱好	write the new words and speak	】爱好" 	
	The words relate to hobbyThe words relate to sports	create sentences according to the sentence pattern		
	Make paragraph in the topic of " My hobby"	use the word "爱好" to make sentence		
		Make paragraph in the topic of " My hobby"do the speech for 10 sentences		
		JULY		
Subject	Topics Covered	Learning Outcome	Activities	Assessments
English	ART AND CULTURE -AN INDIAN	Each student will be able to -recall any of the Spic Macay	Group activity-create a web chart with the characteristics of	Based on the Webchart created by the
	KALEIDOSCOPE-The Last Stone Mason -by Sigrun Srivastav	performances they have seen and speak about it	Masterjee, Salim and Gopal Learning Activity	group and whether the characters were correctly analysed

-understand the dilemma of the old stone

mason and write a diary entry

On Being Indian by Ruski Bond	n	Individual -Write a diary entry bringing out the character's feelings and emotions Word Wall- (Pinterest) Learning by Doing	Based on correct responses to the textual questions Based on the ability to bring out the feelings of each character
	Each student will be able to -contribute at least one point to the class discussion	Collect all the words associated with the theme of this unit. (Art and Culture) Experiential Learning-	
Essay Writing skills- Descriptive essay	- suggest one thing about India that makes him/her proud	Art Integration	Assessment activity Class discussion and debate-
	-summarize the main idea in their own words - research and speak about any one	Find out about any two great sculptors of modern India. Prepare points for the	related to the theme of the Constitutional rights and Duties and what being a
The Idea of India	freedom fighter of yesteryears -be able to read/enact the role of Nimmi and Vijaylakshmi	discussion, summarising the main value points made in the article	citizen entails Based on the improvements made in the the second and
In the Bazaars of Hyderabad- poem by	-design a poster after reading the entire Section	Research Ruskin Bond's message on being Indian Speaking Activity Research any	third drafts
Sarojini Naidu	-learn about the new vocabulary in context	lesser known freedom fighter, who sacrificed his/her life for	

		- relate these ideas with the Social Science lessons they have done -understand and enjoy the poem - write 2-3 lines about the main theme of the poem - provide most of the answers to the teacher's questions about the poem - write a few descriptive lines about a marketplace - write a bio sketch	India and speak about that person in exactly one minute. Learning Activity Group work – Role play 2-3 situations where the idea of being a good citizen is portrayed Writing Activity Describe your visit to a bazaar in a short descriptive paragraph, using some of the vocabulary suggested as well as the answers to the other text based questions	Rubrics for writing skills - Content -2 Clarity and Accuracy -2 Fluency -1 Total -5
Hindi	आखरी पता बैजू बावरा	मनोविज्ञान और स्वास्थ्य के बीच संबंध को बता पाएगा। सच्चे सहयोगी,मित्रता के बारे में कहानी लेखन कर पाएगा। सच्ची लगन की पराकाष्ठा बैजू का जीवन परिचय एवं गुरु शिष्य परंपरा के बारे में मौखिक चर्चा में भाग ले पाएगा।	https://youtu.be/sJ9jHOfjrGM संगणक जिनत प्रस्तुतिकरण दिखा कर चर्चा की जाएगी। https://youtu.be/CF35-vCIKfY बैजू बावरा फिल्म के अंश।	अभ्यास कार्यपत्र की चर्चा व निरीक्षण द्वारा व्याख्यात्मक लेखन व वाचन द्वारा लिखित प्रश्नों के उत्तर श्रवण

	सिपाही (कविता) व्याकरण बोध विज्ञापन रचना अपठित गद्यांश अनुच्छेद लेखन अमृत संचयन फूल का मूल्य	सैनिकों के प्रति जागरूकता ,सहानुभूति,सम्मान के विषय मे कम से कम तीन वाक्य लिख सकेगा।	क्या देश की सीमा पर लड़ाई करने वाला सिपाही ही सच्चा देशभक्त होता है? बच्चो के विचार लिए जाएंगे।	माध्यम द्वारा
Math	SQUARE AND SQUARE ROOTS Properties of square numbers Pythagorean triplet Calculating squares and square Roots Calculating square roots through prime factorization Finding square root by division	Each student will be able to List the properties of square numbers. Justify that if a number ends in 0,1,4,5,6,9 it must be a perfect square State that the squares of numbers ending in 1or 9 will end in 1 State that ihe squares of numbers ending in 4or 6 will end in 6 Observe the number of zeros in the	Vedic math for finding squares of number ending in 5 Vedic math Estimating square root Art Integration PAIR – AND – SHARE Math Board game on Square	Practice assessments on Google forms MCQ & SHORT QUESTIONS Worksheets 1. Objective type 2. Assignment sheet

	method Square roots of decimals Estimating square roots Statement questions CUBE & CUBE ROOTS Properties of cubes Calculating cubes and cube roots	square of the numbers such as 60,400 etc List the procedure for finding the members of the triplet. Find the members of the triplet Compute square root by division method Apply the use of square root in statement questions Recognize the symbol Recall 3 as an exponent Apply the concept to the given sums Apply the use of cube root in statement	Number and Cube Numbers EXPERIENTIAL LEARNING: Math online game - Matching Square root of the perfect square number https://www.quia.com/mc/6563 1.html	Quiz online Graphic organizers Math Games TESTS ONLINE QUIZ ONLINE
Science	Ch 6- Combustion and Flame (contd) Concept- How do we control fire? Types of combustion Flame	Each student will be able to Define combustion Explain ignition temperature Enlist ways to extinguish fire caused by different reasons Name the types of combustion Represent structure of flame	Activity- 1.Oxygen is supporter of combustion	Educosoft assignments Assignment on google doc Class test through google form Case study

Structure of a flame	diagrammatically	2.Heating water in a paper cup	
Fuel	Define calorific value		
Fuel efficiency	Calculate the calorific value	water	Quizizz
Effect of burning of fuel	Explain how burning of fuel leads to harmful products	paper cups	
		3. Model of a fire extinguisher	
		Case study - Uphaar fire tragedy (Fire safety)	Assignment on google doc
	Each student will be able to	GHAND	Class test through google form
Ch 13 -Sound	define amplitude, time period	Worksheets	Entry & Exit tickets from the
Characteristics of sound	and frequency	Assignments	class
Amplitude,time period and frequency	solve numerical problem based on the concept of frequency and time period	Art Integration-	Quizizz
Loudness and pitch	Explain loudness and pitch	Coloui tile liaille	Interdisciplinary
Audible and inaudible sound	differentiate between audible		Art Integrated Project:

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	Noise and music Noise pollution	and inaudible sound Distinguish between noise and	1000°C (temperature) (water vapour, carbon dioxide, soot are produced) Dark Zene (no combustion) Biue zone Molten wax (CODBIENTS)
		Music Explain noise pollution	Solid wax Candle fame
		Suggest different ways to reduce noise pollution.	Story weaving for controlling fires caused due to different reasons
			Research activity - musical instrument
			Quiz
			Crossword
			Art Integration-
			Role play- noise pollution

Social Science	Geography Human Resource	Each student will be able to: (i)tell the meaning of human resource;	Art Integration ACTIVITY: Depicting people in Warli Art	Assignment work Source based Worksheet-
	Importance of Population as a human resource Distribution of Population and	(ii)state the factors affecting the distribution of population. (iii)describe the density of population in different parts of India;	Map work	5 marks Art Integration activity- 5 Marks
	Factors affecting it Distribution of population in India	(iv)mention the causes behind the changes in the population of a place;	10 most populous countries in the world.	Class participation
	Change in Population Size and patterns of population change Characteristics of population Population growth and economic development	(v) describe the chief characteristics of the population. (vi) explain how composition of population affects development of a place	Pie diagram- Continent wise distribution of population Class Discussion How can a higher literacy rate help to improve the economic growth of a developing nation?	
	History Company's Civil Administration and Revenue Policy Administrative structure Acts and charters passed by the British	Each student will be able to (i) explain the structure of administration under the East India Company. (ii)compare the land revenue policies during the pre-British and the British periods in India. (iii)give details about the land revenue	Art Integration activity- Neel darpan ROLE PLAY ON INDIGO PLANTATION UNDER BRITISH RULE- 8 Marks	

Organisation of civil service, army, police and judiciary

Exclusion of Indians from high posts

Introduction of new land revenue settlements

Commercialisation of agriculture & impoverishment of peasantry

Peasant rebellions

Civics

The Indian Constitution

Need for laws to govern a nation

India's Constitution

Vision & values of the Indian constitution

Important features

policies adopted by the company and their effects.

- (iv)analyse the emphasis laid on the commercial crops by the company.
- (v) explain the methods of indigo cultivation during the colonial rule
- (vi) describe the plight of peasants under the British

Each student will be able to

- (i)state the importance of constitution in a country;
- (ii)give a background of the Indian constitution;
- (iii)tell about the vision and values of the Indian constitution;
- (iv)list some important features of the Indian constitution.

Link for the script-Neel Darpan

https://archive.org/details/nildarp anorindig00mitriala/page/n3/mo de/2up

video- Bharat -Ek khoj-episode 44- on indigo revolt

https://www.youtube.com/watch ?v=wi2UbMNuVmQ

Map of India- Areas under different land



Art Integration Activity

Calligraphy Art Form

Read the Preamble of our Constitution, select any one word from it and write it in your notebook in Calligraphy art form. Art Int. Activity- 8 Marks

Rubrics for Assessment: Total -8 marks-

Research and script development - 2 marks

Overall compilation & Presentation-3 marks

Individual performance/ use of props/costumes- 3 marks

Assignment work

Map work- 2 marks

Art Int. Activity- 5 Marks

Assignment work

MCQ Test- Google form- 5 Marks

Participation in class discussion

Sanskrit	पुनर्मूषको भव (प्रत्यय) अपूर्वः त्यागः (विशेषण-विशेष्य) अतिरिक्त कार्य – शब्द धातुरूप- अकारान्त पुल्लिंग व आकारान्त स्त्रीलिंग आत्मनेपदी- सेव,लभ – केवल लट् लकारः	प्रत्येक छात्र शब्दों में आए प्रत्ययों का विभाग कर सकेगा। प्रत्यय युक्त शब्दों का अर्थ कर सकेगा। कथा आधारित प्रश्नों के उत्तर दे सकेगा। सहायता का महत्व व महत्वहीनता के विषय में बोल पाएगा। संस्कृत शब्दों में विशेषण तथा विशेष्य बता पाएगा। कथा में से प्रश्न निर्माण कर पाएगा।	चिन्तनात्मक पद्धति द्वारा चित्राधारित वाक्य रचना करना क्विज़िज - प्रत्यय, विशेषण, विशेष्य आधारित सामूहिक गतिविधि योग्यता आधारित अनुभवात्मक अधिगम- कथानकाधारित सामूहिक गतिविधियाँ- यथा -कथा वाचन- काष्ठपुतिका इत्यादि	विषय से संबंधित मौखिक- लिखित प्रश्नोत्तर , अभ्यास कार्य तथा शिक्षण संबंधी गतिविधियों, गूगलालेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।
French	L'arrivé à Paris. Les Adjectifs L'Impératif Explanation of the lesson	Each student will be able to Read the lesson in french with the correct pronunciation. Understand the text and answer questions based on it. Describe a noun using the correct form and placement of adjectives depending	Art Integration: Depict the various qualitative adjectives with the help of drawings. Learning Based Activity: Worksheet - Grammaire	Assessment Based Activities: Question Bank Worksheet - Grammaire Class Test Periodic Test

Mandarin	你会打网球吗? New words Sentence pattern Different verb for " play" sports-打,踢, 玩 Song- Elephant	on the gender and number of the noun. Conjugate all verbs in the impératif form. Each student will be able to write the new words and speak create sentences according to the sentence pattern use correct verb for different sports	Folk song	worksheet
Subject English	Topics Covered INVENTIONS AND DISCOVERIES	AUGUST Learning Outcome Each student will be able to -list 05 significant inventions and	Activities Learning Activity Research About- how the earlier keypad has become the QWERTY	Assessments Based on- Narration of the incident that
	MCB Unit 4-An Amazing Ancestor Sec-II Madame Curie (Play) 'The Microscope' (Poem)	discoveries and describe them briefly. -state the relevance of these discoveries in today's time.	keypad of today and why it is still relevant Learning Activity Discussion: Science v/s Religion.	aroused their curiosity. List ways to develop scientific temper among students.

Grammar-

Editing

Reported Speech

Differentiate Quoted and reported Speech



- -sequence the creative process the scientists may have followed.
- write a paragraph describing any two characters using evidence from the play.
- -frame meaningful sentences related to the given words
- -answer the basic textual questions.
- -identify the errors in editing passages
- -supply the correct preposition , conjunction etc
- -locate uses of reported speech from any story.
- -convert from direct to indirect speech.
- -recite the poem with expression
- -prepare a summary
- -identify the rhyme scheme.
- identify elements that make it humorous.

Art Integration- Music to Aid in Role Play

- Create a dialogue between
Marie Curie and a reporter from
any country, integrating music
from that country.Learning
Activity **Analyse and debate**-Negative role played by the

Reflect on and Analyze-

media on a celebrity's life

How have some of the inventions/discoveries made our lives comfortable?

Practice Activity

Completion of the exercises given

Usage of each structure with examples

Worksheets /role play /use in the texts

Read, think about and discuss

Identify the rhyme scheme

-Use at least 03 of the words of acquired vocabulary in any creative writing piece

Evaluation based on -

the level of discussion.

-was each child involved/ interested or even listening

-did the child ask relevant questions

-whether the students had come prepared with enough research

Ability to locate instances from the newspaper(Ap)

Use of reported speech in text

Conversion into direct speech and vice versa

Based on the students ability to answer the textual questions,

			Discuss what makes it humorous Reflect on why the other people wanted to ship Anton off to Spain	To locate and identify the rhyme scheme To discuss at a higher level, showing some critical thinking skill
Hindi	मध्प- संसार सागर के अनाम नायक बाललीला व्याकरण बोध अनेकार्थी शब्द अनुच्छेद लेखन सूचना-लेखन अनुस्वार अनुनासिक नुक्ता अमृत संचयन काबुलीवाला	तालाब ,नदी ,जोहड़ ,नहरं कुएँ ,झील आदि की आवश्यकता और उपयोगिता आदि के विषय पर आधारित विभिन्न प्रकार के प्रश्नों के निर्माण कर सकेगा। जल ही जीवन है विषय पर अपने विचार मौखिक रूप से व्यक्त कर सकेगा। श्रीकृष्ण की बाल लीला के विषय में जानकर अपने बचपन की मधुर स्मृतियों को लिखित रूप में व्यक्त कर सकेगा। उचित प्रारूप की मदद से दिए गए विषय पर सूचना लेखन कर सकेगा दिए गए शब्दों में अनुस्वार अनुनासिक नुक्ता लगाकर तीनों में भेद कर सकेगा।	पानी की कहानी कल आज और कल। इस विषय पर विस्तृत रूप से चर्चा। कृष्ण लीला को पढ़कर अपने बचपन की कोई शैतानी लिखिए। कृष्ण की लीला को वर्ली कला के माध्यम से दर्शाती हुई कला	लिखित तथा मौखिक कार्य के आधार पर। कृष्ण लीला पर आधारित वारली कला।

Math

Exponents & Powers

- · Positive /negative / rational exponents
- · Laws of exponents
- · Application based questions on the laws
- · Simplify

Algebraic Expressions And Identities

- What are expressions, coefficient, degree, types of algebraic expressions?
- Addition and subtraction of algebraic expressions
- · Multiplication of algebraic expressions
- · What is an identity and the 3 identities?
- Applying Identities

Each student will be able to

Convert exponents to radicals and viceversa

Understand the different laws of exponents

Simplify the direct questions based on laws of exponents

Solve questions based on exponents

Recall what is meant by an algebraic expression, the meaning of terms and coefficients of an expression

Recall and distinguish between monomial, binomial etc., like and unlike terms.

Add and subtract algebraic expressions

Multiply algebraic expressions

Understand the meaning of an identity

Understand the standard identities and learn to apply them

Integration with Art:

Express the identities as

'Riddles and Rhymes'

Laws of Exponents - TASK
CARDS / FLASH CARDS





Experiential Learning:

Laws of exponents chart and practice

https://s3.amazonaws.com/mi gleadmagnets/Properties+of+ Exponents+Chart.pdf Practice assessments on Google forms

MCQ & SHORT QUESTIONS

Worksheets

- 1. Objective type
- 2. Assignment sheet

Quiz online

PhET Simulation

Math Games

TESTS ONLINE

QUIZ ONLINE

LIVE WORKSHEETS

Science	Cell - Structure and function	Each student will be able to	Demonstration of temporary	Educosoft assignments
	Concepts-	Define a cell as the structural and the	slide preparation	
	Discovery of the cell	functional unit of life.	1.Onion peel	Assignment on google doc
	The cell- its number,shape	Explain the various levels of organizations	2.Cheek cell (Using online labs)	
	and size	Identify the parts of a cell	Worksheets	Class test through google
	Cell structure and functions	Describe the functions of various parts of	Assignments	form
	Parts of the cell	the cell.	Art -Craft- compare and	
	Comparison of plant cell and animal cell	Compare a plant cell with an animal cell.	contrast plant cell and animal cell using waste material	Entry and exit ticket
			Make Plant Cell Model	
			Activity- A film will be shown on female foeticide	
			THIS BUT BRICES BY HE WHERE WINNEST THE MERIC THIS STANDAMER VACATION. SHE VILL DAME TO CONTINUE NO GIRL HAND THE GOAL BUTON THE DESERT MERMAN MINISTER WINNESS STANDAMENT OF THE DESERT MERMAN MINISTER WINNESS STANDAMENT MINIST	

	Ch 9- Reproduction in	Each student will be able to	Worksheets	Educosoft assignments
	Animals Modes of reproduction	Discuss different modes of reproduction.	Assignments	
	Sexual reproduction Female and male reproductive organs	Differentiate between sexual and asexual reproduction Draw the diagram of Female and male	Art- Advertisement - on female foeticide	Assignment on google doc Class test through google
	Fertilization Development of embryo	reproductive organs Differentiate internal and external	Story telling- Life cycle of a frog	form
	Viviparous and oviparous animals	fertilization Explain the development of embryo	Dolly the clone	Entry & Exit tickets from the class
	Asexual reproduction	Discuss the process of IVF Differentiate between Viviparous and		
	Cloning	oviparous animals Enlist the examples of viviparous and		
		oviparous animals Explain metamorphosis		
		Define asexual reproduction		
		Elaborate the process of cloning.		
Social Science	Geography	Each student will be able to	Prepare Thematic Maps- Distribution of minerals in India	Map Marking test 5 Marks
	Mineral and Energy	(i) state the meaning & chief types of	2.5t. 5tton or minorale in mala	Class test-Other Objective

		1	,
Resources Minerals—Types, Occurrence and Distribution Classification of India's mineral resources Energy resources- Conventional and non-conventional Conservation of minerals and energy resources History: Revolt of 1857 Reasons leading to the Revolt of 1857 Spread of The Great Revolt of 1857	Revolt.	and Hydel power Projects/plants in India Activity: Group Discussion Bhopal Gas Tragedy/ Vizag Gas leak/ Chernobyl nuclear disaster Map work Mark the main centers of the revolt on the political map of India Art Integration Role play-	questions- Google form 5 marks Class participation in GD- Assignment work Practice worksheet Assignment work Map work presentation Art Integration activity- 2 Marks Class test-Other Objective questions- Google form - 8 marks
energy resources History: Revolt of 1857 Reasons leading to the Revolt of 1857 Spread of The Great Revolt of	Each student will be able to (i) state one specific – political, social ,economic, military and immediate cause of the Revolt of 1857. (ii) describe the outbreak of the Great	Mark the main centers of the revolt on the political map of India Art Integration	Map work presentation Art Integration activity- 2 Marks Class test-Other Objective questions- Google form -

Sanskrit	पीयूष- बिन्दवः(श्लोकाः) अतिरिक्त कार्यम् रचनात्मककार्यम् -चित्र वर्णन व सं₹कृतानुवाद अतिरिक्त कार्य- शब्द धातुरूप- इकारान्त पु. ईकारान्त स्त्री.	प्रत्येक छात्र श्लोकों का पठन व सरलार्थ करने में सक्षम होगा। श्लोकाधारित प्रश्नों के उत्तर लिख सकेगा। नवीन शब्दों का अर्थ, पर्याय तथा विपर्यय बता सकेगा। संस्कृत श्लोकों का उच्चारण करने में समर्थ होगा।	Art Integration- श्लोकोच्चारण अथवा गायन जगसाँ पद्धति अनुसार प्राप्त श्लोक का पठन-पाठन करना । कठिन शब्द परिचय लेखन प्रश्नावली बनाना। वाक्य रचना व संस्कृत अनुवाद करना।	विषय से संबंधित मौखिक- लिखित प्रश्नोत्तर , अभ्यास कार्य तथा भाषा संवर्धन गतिविधियों, गूगलालेख तथा गूगल प्रपत्र के माध्यम से तथा श्लोकों का वाचन करा कर भाषागत अभिवर्धन मूल्यांकन पर किया जाएगा। श्रवण कौशल परीक्षण - 5 अंक
French	Vers l'hôtel Reading and Explanation of the lesson Discussion of Exercises À l'hôtel Le Comparatif et Le Superlatif Reading and Explanation of the lesson	Each student will be able to Compare things around them using the comparative and superlative forms of the adjectives. Understand the lesson and answer questions based on it.	Audio Compréhension— Students will hear the lesson being spoken in a french accent and try to comprehend. (Listening Skill) Experiential learning based Activity: Jeu de Rôle: Students will enact the entire scenario of getting down from	Assessment- Based Activities: Worksheet - Grammaire Question Bank - Objective type questions, Oral questions, Long answers. Class Test

			the train, collecting their baggage, hiring a taxi, checking into a hotel, etc.	
Mandarin	Chinese Character- Pictograph characters Pictophonetic characters Associative and compounds characters Pinyin and tones 50 common phrase	Each student will be able to know the history of how the Chinese characters were formed categorise the words they learnt into these 3 types of characters	Write your own Chinese story book	Google form
		SEPTEMBER		
Subject	Topics Covered	Learning Outcome	Activities	Assessments
English	Grammar – active and passive voice, Phrasal verbs, Synonyms and antonyms	Each student will be able to -use and convert from active to passive voice and vice versa.	Learning Activity Locating examples of each type of grammar structure discussed Using the Thesaurus	Correct responses to the worksheet exercises. Reports should be written with clarity, fluency and accuracy

	Writing a newspaper report- Revision for the Midterm exams	 -use at least 5 phrasal verbs with take, give, do etc -identify phrasal verbs from the textbooks -locate the correct synonyms and antonyms -write the correct writing format for reports and articles. -write a sample of each using the format and in the correct tone and style 	Brainstorming session and mind mapping to share ideas and get an overview of the topic Individual Writing assignment Find instances fromyour textbook -newspaper Revision through quizzes,oral and written questions, comprehension practice etc	using suitable tone and format. Objective Type questions: Assessment through Google Form •Oral Assessment (AMP based) •Assignment Questions (based on Bloom's taxonomy)
Hindi	फुटबॉल अमृत संचयन तोता अर्धवार्षिक परीक्षा पुनरावृति	छात्र भारतीय खेलों के प्रति अपने विचारों को चार से पाँच वाक्यों में लिख सकेगा। पक्षी स्वभाव के एक स्वाभाविक दोष से तोते का पिंड अब भी छूट नहीं पाया था इस विषय पर कक्षा चर्चा में भाग लेगा। खेल और शिक्षा दोनो महत्वपूर्ण होते है -विषय पर उचित शब्द सीमा में अनुच्छेद लिखेगा।	फुटबॉल के खेल का भारत देश में क्या स्थान है चर्चा करेंगे। वर्तमान समय में शिक्षा व्यवस्था पर प्रकाश डालते हुए लेख लिखवाया जाएगा।	अर्धवार्षिक परीक्षा के माध्यम से।

Math	Data Handling	Each student will be able to	Experiential Learning	Google forms
	Circle graph or pie chart Application questions based on it Chance & Probability Problem solving, computational, Analysing Equations of the form Applications in daily life situations REVISION FOR HALF YEARLY EXAMINATIONS	Recollect the different forms of representing data Represent data in the form of pie chart State that the central angle is 360° Calculate the central angle Differentiate between chance & Probability Consolidate the notion of chance in an event Generalize the above Relate to chance in life Observe strings of throws and notion of randomness	Conduct survey on the TV Shows often watched by children and represent the info in the form of a pie chart TV Shows people like TV Shows people like Other	Quizzing Flash Cards Graphic Organisers 'Just A Minute' Prepare to teach Past Questions
Science	Ch 10 - Reaching the age of Adolescence Adolescence and puberty Changes at puberty	Each student will be able to Explain the changes at puberty Identify primary and secondary sexual characters	Expert talk on reproductive health. Art- Poster Importance of a balanced diet in	Assignment on google doc Class test through google form Quiz

	Secondary sexual characters	Explain the endocrine system.	adolescence.	Worksheets
	Role of hormones in initiating reproductive functions	State the role of hormones in initiating reproductive function		Assignments
	Reproductive phase of life in humans	Explain the reproductive phase of life in humans		
	Sex determination Hormones other than sex hormones Role of hormones Reproductive health Say no to drugs	Explain how the sex of the baby determined Enlist the hormones other than sex hormones Explain reproductive health, Define balanced diet State myths,taboos,Do's and don'ts of reproductive health		
	Revision for Half yearly			Revision
Social Science	History Education and British Rule- Indigenous system of education in 19th century India British policies of education in India Role of enlightened Indians in	Each student will be able to (i)explain the traditional educational system of India. (ii)trace the beginning of English ed. In India. (iii)list the differences between the Anglicists & the Orientalists	Class Debate: Anglicist VS Orientalist Research Activity Raja Ram Mohan Roy	Class test- Source based 6 marks Debate activity- 4 marks Participation in debate- 2m Research-2m

	spreading western scientific education Growth of National Education in India Remaining Days Revision for H Y Exams + H Y Exams	(iv)assess why some Britishers favored oriental system of education (v)specify the role played by the govt. in beginning English education in India. (vi)evaluate the impact of British education in India	Value based discussion Western education alienated us from our culture. Comment.	Assignment work
Sanskrit	अमूल्यः समयः अविस्मरणीया गोवा यात्रा (पत्र लेखनम्) पत्रपूर्तिः अतिरिक्त कार्यम् – शब्दधातुरूप –तत् पु. स्त्री. नपु. हश्, दा, पा, गम् (लट्-लृट्-लङ्-लो ट्लकारेषु) आत्मनेपदी-सेव्,लभ् (लृट्लकारः)	प्रत्येक छात्र संस्कृत समय का लेखन कर पाएगा। संस्कृत में समय बता सकेगा। मंजूषा के शब्दों को पत्र में उचित स्थान पर भर पाएगा। पत्र का अनुवाद कर सकेगा। व्यर्थ से समर्थ गतिविधि द्वारा घटिका निर्माण कर सकेगा।	कलासमन्वित कार्यम् – घटिका निर्माण (व्यर्थ से समर्थ- Best out of waste- Craft work) संस्कृत समय पठन संस्कृत समय लेखन संस्कृत में लिखित पत्र के रिक्त स्थानों में उचित शब्द पूर्ति करना, हिन्दी अनुवाद करना।	विषय से संबंधित मौखिक- लिखित प्रश्नोत्तर , अभ्यास कार्य तथा भाषा संवर्धन गतिविधियों- कला समन्वित कार्य, गूगलालेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।

French Mandarin	Le Futur Proche et le Passé Récent Revision for the Mid-Term Exams 你的爱好是什么 Vocabulary of furniture More review of Question Words Character for the artifacts Grammar of "天天"	Each student will be able to Conjugate verbs in the futur proche and passé récent tenses. Do a thorough revision for the exam. Each student will be able to Make sentences from the sentences patterns Use the word "天天" to make proper sentences	https://www.youtube.com/watch ?v=chcOXJ6CE44 https://www.youtube.com/watch ?v=ktFPflu6Fv4	Assessment- based Activities Oral Questions Quizzes Worksheets worksheet
		OCTOBER		
Subject	Topics Covered	Learning Outcome	Activities	Assessments
English	Main Course Book- Unit 5 –The Palindrome Lifeskills-	Each student will be able to -name some of the famous court jestersidentify some palindromes.	Experiential Learning Constructing palindromes Poster advertising Afghanistan	Google forms Google docs Exit tickets

Good Communication	-answer most of the questions verbally and in writing.	Class discussion on how play of words brings in humour and how	Worksheets
Grammar active and passive voice	-write answers to the textual questions ,based on the class discussion	wit plays an important role when you want to make a point.)	Graphic Organisers
Synonyms and antonyms	-use and convert from active to passive voice and vice versa	Word Wall- (Pinterest) Collect all the words associated with the theme of this unit. (The	Weekly Test
	-write a corrected version of the first letter	Magic of words)	
Writing skills	- identify his/her mistakes	Discuss the character of Tenali Raman, his carefree attitude his	Jamboard for vocabulary.
creative writing-letter to editor	-be able to present his/her views in an organised manner.	pranks, witty answers, how his wit got him out of trouble etc	
Listening skills	-change sentences in active voice to passive.	Art Integration- 'The Palindrome Song'	
Practice	-use the checklist for writing	Sing along to learn new palindromes.(MI- Musical)	
	- listen, comprehend and interpret information	Anna madam did Hannah	
	- be able to answer questions based on audio	eve level pull up deed pop Mom	
		noon wow Bob	

Hindi	मधुप पाठ- अंतिम सीख नवीन शब्दावली वाक्य रचना	प्रत्येक छात्र औपचारिक -अनौपचारिक पत्र लिख सकेगा। ज्ञानी तथा विद्वानों के गुणों को सूचीबद्ध कर सकेगा	Assessment Activity Speaking about the role of court jesters in a king's court / society etc रचनात्मक कार्य राम रावण के अंतिम दिन के युद्ध का वर्णन करते हुए कविता या पठन नाटक कीजिये और 2	गूगल आलेख व प्रपत्र द्वारा मूल्यांकन मौखिक चर्चा द्वारा। व्याख्यात्मक अभ्यास पत्र के माध्यम से
	प्रश्न उत्तर कालांश ३ व्याकरण अनेक शब्दों के लिए एक शब्द वाच्य पहचान व अंतर कि तथा की में अंतर लेखन चित्र वर्णन अपठित गद्यांश कालांश २	तिनमता के सदुपयोग पर पूछे प्रश्नों के सटीक उत्तर दे सकेगा। युद्ध की राजनीति को आज के दौर से जोड़कर कम से कम चार से पाँच वाक्य	मिनट का विडियो तैयार कीजिये। की और की का खेल। https://drive.google.com/file/d/1_cs_WTyN1JzzYrB4eYO0lzuuxy3 a8MFs/view?usp=drivesdk कला समावेशन रामायण के किसी भी प्रिय पात्र व संवाद की प्रस्तुति व्यक्तिगत या सामूहिक रूप से करवाई जाएगी।	लिखित प्रश्नों के माध्यम से। मौखिक तथा लिखित कार्य की चर्चा व जाँच द्वारा। अभ्यास कार्यपत्र की चर्चा व निरीक्षण द्वारा व्याख्यात्मक लेखन व वाचन द्वारा लिखित प्रश्नों के उत्तर श्रवण माध्यम द्वारा।

Math	अमृत संचयन दहेज कालांश Linear equations	अमृत संचयन दहेज़ नामक कुप्रथा से परिचित होकर अपने शब्दों में शब्द सीमा के भीतर अनुच्छेद लेखन कर सकेगा। Each student will be able to	Experiential Learning :	Google forms
	Solving Equations Statement questions Applications in daily life situations	Prame statements Form equations. Solve the equation step by step Think logically to estimate the values of the results Verify the value of the variable satisfies RHS and LHS Calculate the value of the expression for the given value of the variable Frame equations for the given situation Solve for the unknown quantity	Real life application To frame a question involving linear equations. Art Integration: A symbol for linear equation a dance mudra, a yoga posture or Draw any object from your surroundings which you feel represents a linear equation Eg. a seesaw, a balance etc	Quizzing Flash Cards Graphic Organisers 'Just A Minute' Prepare to teach Past Questions

Science	Force and pressure	Each student will be able to	Activities will be performed in	Google forms (Exit ticket)
	Effects of force, Types of	Define force	the class using pencil, eraser, notebook, rubberband	Quizzes
	forces, units of forces, Mass and weight	Explain the effect of force.	Activity to demonstrate that	Jam board
	Spring balance	Describe the various types of forces.	liquids exert equal pressure at equal depth.	Live worksheets
	Unit of pressure	List the various methods to reduce friction.	Observing and analyzing the	
	Examples of pressure in daily life	Understand the concept of weight and the unit used for the measurement of	relation between force and motion in a variety of daily life situations.	
	Simple calculation on pressure	force. Define Pressure.	Demonstrating change in speed of a moving object, its direction	
	Pressure in liquids	Relate pressure with thrust.	of motion and shape by applying force.	
	Atmospheric pressures and its	List the factor on which pressure in liquids depends on.	Measuring the weight of an object, as a force by the earth	
	Uses		using a spring balance.	
			Magnetic force using nails and a magnet.	
			Compare the pressure exerted by a pointed nail with a blunt	
			nail.	

	Friction Origin of friction Types of friction Laws of friction	Explain the concept of frictional force. Enlist the advantages of friction Analyse the disadvantages of friction.	Subject integration- Role of friction in sports Art Integration-	Google forms (Exit ticket) Padlet Kahoot Popplet
	Ways to reduce friction	Explain different types of friction.	Making a simple toy using the concept of friction	Live worksheets
Social Science	Geography Agriculture Meaning Factors influencing Crop Cultivation Types of Agriculture Agriculture in India Types of Crops Major Crops: Rice, wheat Cotton, jute Millets,maize,Tea, coffee Development of Agriculture: A comparative assessment of India and the U.S.A	Each student will be able to (i) state the meaning of the term agriculture'. (ii) assess the factors influencing crop cultivation. (iii) explain the nature of agriculture in India (iv) state the main types of crops & the major Indian crops. (v) compare the developmental status of agriculture in India and the U.S.A.	Discussion on Farm Bills 2020 Quiz-Identify the crop https://play.howstuffworks.com/q uiz/can-you-identify-the-crop-an- image Map work Mark the major crops on the political map of India	Participation in Farm Bill Discussion- 2 Marks Long Ans Test- 5 Marks Quiz- Map work Assignment work

	Civics The Judiciary Structure and working of the judiciary Supreme Court and High courts Function and role of subordinate courts PIL How a case moves from lower to higher courts Need for an independent judiciary	Each student will be able to (i) explain the importance of and the role played by the judiciary in the country. (ii) give meaning of: a)criminal cases & civil cases b)jurisdiction(along with its types) c)PIL (iii)describe the structure of Indian judiciary. (iv)compare Supreme Court & High Courts. (v) give details about the Subordinate Courts. (vi)elaborate upon the movement of cases from lower to higher courts.	Filing an Online PIL Flipped class- Types of Jurisdictions	Participation in Flipped class – 5 marks Class test- other objective type questions- 5 marks Online worksheet- PIL- Assignment work
Sanskrit	चाणक्यः चन्द्रगुप्तः च (क्त-क्तवतु प्रत्ययः) अतिरिक्त कार्यम् – शब्दधातुरूप – अनेक,सर्व केवल बहुवचन (त्रिषु लिंगेषु)	प्रत्येक छात्र पाठ आधारित प्रश्नों के उत्तर दे सकेगा। कला समायोजन हेतु भूमिका निर्वहण करके संवाद बोल सकेगा।	कला समन्वय हेतु भूमिका निर्वहण - संवाद वाचन गतिविधि आधुनिक राजनीति तथा प्राचीन राजनीति को ध्यान में रखते हुए।	विषय से संबंधित मौखिक- लिखित प्रश्नोतर , अभ्यास कार्य तथा भाषा संवर्धन गतिविधियों, गूगलालेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।

	हलन्तवाचक शब्दरूप- भवत् (उभयलिंग), गच्छत्, राजन्, विद्वस्	प्रकृति-प्रत्यय संयोग व विभाग कर सकेगा। चाणक्य व चन्द्रगुप्त ऐतिहासिक पात्रों का परिचय दे सकेगा।	व्यक्ति अध्ययन चाणक्यः – महान् व्यक्तित्वः– अन्वेषणाधारित कार्य	
French	La chambre de l'hôtel. Les meubles. Décrivez une chambre. Féminin des adjectifs.	Each student will be able to Describe a room with its furniture and furnishings. Write the feminine form of adjectives.	Art: Draw a hotel room and label the various furniture in it. Writing Skill based Activity: Décrivez votre chambre en 100-120 words. Learning based Activity: Jeu de mots – Adjectifs	Assessment -Based Activities : Question Bank Worksheet - Grammaire
Mandarin	这是火车站 交通工具 Vocabulary of transportation Grammar of 交通工具 Conversion – Travel. Use the real situations to teach S conversation in traveling	Each student will be able to Know all the transportation in Chinese Know how to make sentences by using the transportation	交通工具介紹	PPT

NOVEMBER

Subject	Topics Covered	Learning Outcome	Activities	Assessments
English	Main course Book- Unit 6-Heal the Earth	Each student will be able to	Experiential Learning-	Google forms
	Section 1- Interview with Arun Krishnamurthy	-contribute at least one valid point to the class discussionanswer most of the basic textual	Interview two generations- What are they doing as individuals for the environment?	Google docs
	An Island of Trees as a	questions independently. - assess what steps we can each take in helping the environment.	Submit Questionnaire and data sheets Learning by Doing-	Exit tickets
	reading activity	-write an article based on the brainstorming session	Take a virtual tour of a rainwater harvesting farm. Understand the relevance of the location of	Worksheets
	Creating a Brochure and presenting it in class	-read, understand and infer the meaning of the simple story.	rainwater harvesting pits/ solar panels; also observe the green	Graphic Organisers
		-frame interesting and thought provoking questions.	initiatives taken up in the farmland. Discuss- How much difference	Weekly Test
		-participate in the class discussion. -focus on the inner meaning of the story	do you think these initiatives make? How do they directly / indirectly affect the people	Jamboard for vocabulary.
		- answer the basic textual questions	around? Connect with Arun K's initiatives.	ĺ

Grammar- Punctuation Conjunctions Phrasal verbs	-research and identify the information required. -make an interesting and eye catching brochure on the specific topic given -present the information to the class clearly and with confidence. -recall the punctuation basics taught earlier. -use conjunctions to join sentences -locate phrasal verbs. -learn the use of compound words.	Word Wall- (Pinterest) Collect all the words associated with the theme of this unit. (Heal the Earth) Learning Activity Research and reflect — -the importance of trees and plants in our lives -how animal and plant kingdom are interdependent -do plants share a special relationship with people who nurture Think of the many ways you can make a difference to the environment- brainstorm and mind mapping on the board Art Integration - Creating a brochure on any one species of trees. (MI-Visual-Spatial)
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			Assessment of the brochure and the speaking skills Based on- -presentation of the information and level of research -visual appeal and layout -confidence and clarity in speaking -any original ideas and special touches	
Hindi	मधुप पाठ-बस्तर जनजाती में तुंबा जाएका ए पुरानी दिल्ली	प्रत्येक छात्र लौकी के विभिन्न उपयोग एवं औषधीय गुणों को पहचान कर बता सकेगा।	परंपरा में आधुनिकता का तड़का लगाते हुए एक व्यंजन बनाए। https://youtu.be/8PDvd4jUp3I	तैयार व्यंजन के आधार पर अंक दिए जाएंगे। गूगल आलेख व प्रपत्र द्वारा मूल्यांकन

नवीन शब्द वाक्य रचन	_ ,क	त्येक छात्र बस्तर के आदिवासी समाज कला- संगीत, खानपान के विषय में पूछे एए प्रश्नों के उत्तर दे सकेगा।	अन्भवजन्य शिक्षण	मौखिक चर्चा द्वारा।
प्रश्न उत्तर	٩١١	१५ प्ररेना के उत्तर द संकगा।	दादी माँ के नुस्खे	व्याख्यात्मक अभ्यास पत्र के माध्यम से।
कालांश 4		स्तर के इतिहास के बारे में मौखिक प से बता सकेगा।।	घर के बुजुर्गों की मदद से किसी बीमारी का इलाज लिखे। प्रश्न कोश का निर्माण	लिखित प्रश्नों के माध्यम से। मौखिक तथा लिखित कार्य
व्याकरण समास	अ	स्तर के आर्थिक सामाजिक महत्व पर गधारित उत्तर दे सकेगा।	कला समावेशन कबीरा औंधी खोपड़ी, कबहूं धापै	की चर्चा व जाँच द्वारा।
सार लेखन	न्नाथक शब्द पुर	रानी दिल्ली के पारंपरिक व्यंजनों का	नाहिं तीन लोक की सम्पदा, कब आवै घर माहिं	
वाक्य शुद्धि लेखन	है	गांज के फास्ट फूड के दौर में क्या मूल्य ?इस बारे में कक्षा चर्चा में भाग ले किगा।	संत शिरोमणि कबीरदास जी कहते हैं कि मन्ष्य की खोपड़ी	
अनुच्छेद		ारंपरिक व्यंजनों के पीछे की कहानी से छे गए प्रश्नों के सटीक उत्तर लिख	उल्टी होती है क्योंकि वह कभी भी धन प्राप्ति से थकता नहीं है। वह अपना पूरा जीवन इस आशा में नष्ट कर देता है कि तीनों	
	'\	किगा।	लोकों की संपदा उसके घर कब आयेगी।	
			कबीर के लोभ संबंधित किसी दोहा को रैप द्वारा प्रदर्शित कीजिए।	

Math	Comparing quantities	Each student will be able to	Activity	Google forms
	Recalling Ratios and percentages	Convert ratios to percentage and solve the given questions	1.Offering discount is a marketing strategy.Discuss	Quizzing
	Finding the increase or decrease percent Profit Loss and Discount Profit / Loss Formulae	Explain ratio by giving suitable examples Discount, Profit, Loss Apply the formula for discount and discount percentage and solve the given	2.Design a pamphlet for sale.	Flash Cards
	Discount	problem on discount.	3.A Game to be designed as a group and played in class	Graphic Organisers
	Compound Interest Recall Simple Interest	Calculate the discount in given situations and comment whether the seller has made a profit /loss in the given transaction.	Me the investor ;Me the banker; me the retailer :	'Just A Minute'
	What is compound interest? Formulae for compound interest	Recalls the previous knowledge of loss and profit. analyse the given situation and Compute	4.Set up a bank or a shop or a retail outlet to explain discount, Profit / Loss ,compound interest	Prepare to teach
	Time period and rate for interest compounded half yearly or quarterly Applications of compound interest formula Direct and Inverse	the unknown quantity Simple Interest and Compound Interest Define and compare simple interest and compound interest and comment on the situations where either of the two are	5.Study the leaflets of banks and study the rate of interest given for different term deposits.6. INTERPRETING THE BILL!!	Past Questions
	proportions	applied Calculate the simple interest and find the		

total amount to be paid by the debtor

Deducing a Formula for Compound Interest

Use formula of simple interest and deduce the formula to calculate the compound interest

Calculate the compound interest and find the total amount to be paid by the debtor

Rate Compounded Annually or Half Yearly (Semi Annually)

Define the terms 'compounded annually', 'compounded half yearly' and 'compounded quarterly' and give examples and differentiate between the three

Applications of Compound Interest Formula

Use formula of and solve problems related to increase (or decrease) in population / price of an itemEach child will be able to:

Observe the relationship between the given two quantities and solve to find constant of proportionality

CASE-STUDY



		Solve problems based on direct or inverse proportions in order to establish how one quantity depends on other Examine situations and decide whether two quantities are proportional to each other or not Complete a given table showing two proportional quantities and answer questions based on them Convert the given statement on the relationship (directly or inversely proportional) between two quantities into a table and identify the missing quantity and solve for its value. Observe the table and determine which pair of § variables are inversely proportional. Create a scale using a suitable proportionality constant and draw a given figure with large dimensions		
Science	HOW THINGS WORK	Each student will be able to	Research-	Google forms (Exit ticket)
Science	Some natural phenomena Static electricity	Describe the methods of charging a body. Understand the working and uses of an	Find out the latest earthquake resistant building by-laws according to which architects	Jam board Popplet

	Kinds of electric charges-positive and negative Electroscope -Transfer of charges through induction Flow of charges Atmospheric electricity	electroscope. Explain the effects of electric charges in the atmosphere Explain lightning and thunderstorm Exhibits creativity in designing models using easily available resources such as electroscopes. Explain the concept using the model. Plan and conduct the investigations to seek answers to the queries on their own, such as, what happens when two charged bodies are brought closer? Share at least two observations.	are required to design a building Art Integration- To prepare a infographics on preparedness of earthquake	Mentimeter
Social Science	History Rise of Indian Nationalism Rise of nationalist feelings among Indians Birth of the Indian National Congress(I.N.C) Moderates, Extremists and the revolutionaries Constitutional reforms	Each student will be able to (i)examine the birth of I.N.C; (ii)explain the Moderate and Extremist phases; (iii)trace the revolutionary activities; (vi)tell about the British policy of divide and rule; (v)describe the progress of the national	Newspaper Activity: Paste one printout of excerpts from newspapers of the early 19 th century. Highlight the topic it wrote about. Was it critical of the British or full of praise? Analyse the reason behind it.	Oral questions Practice Worksheet Google form -MCQ- Class test - 6 marks

proposed by the British govt

British policy of divide and rule

Geography: Industry

Meaning

Classification based on ways of production

location of Industries

Industrial regions

Types of industries

Industrial development in India

Comparison of India with other nations w.r.t iron & steel, cotton textile and IT industries

Industrial disasters

movement during the First World War.

Each student will be able to

- (i)state the meaning of the term 'industry'
- (ii)classify the industries on the basis of the ways products are produced;
- (iii)mention the factors that influence the location of different industries;
- (iv)list the different types of industries on the basis of different classifications;
- (v) draw a comparison between India and other nations with respect to iron & steel, textile and IT industries.

Practice Worksheet

Experiential learning

Virtual Tour of manufacturing unit to see how raw materials are converted into finished products.

Find out the locational advantage of setting it up there and the market it caters to.

Map of India

Industrial regions



Subject
Enrichment Activity10 Marks
Weaves of India

Assignment work- 4 marks

Random questioning

Map work 2 Marks

Assignment work

Graded worksheet 8 marks

Sanskrit	वासुदेवस्य दूतकर्म (अव्यय प्रकरणम्) श्रवणकौशल परीक्षणम् संख्यावाची शब्दाः – १-४ (लिंगानुसारम् – प्रथमा विभक्तिः) अतिरिक्त कार्य-धातु रूप-लेखनम्- नी, स्था, शक् (लट्-लृट्-लङ्-लोट् लकारेषु)	प्रत्येक छात्र अव्ययों के अर्थ बता सकेगा। अव्ययों का वाक्य प्रयोग कर सकेगा। कथानक संबंधी प्रश्नोत्तर कर सकेगा। संस्कृत संख्या का प्रयोग कर सकेगा।	अट्ययसूची प्राची श्री श्री प्रवाद एकवर प्राच श्री प्रवाद एकवर प्राच श्री प्रवाद श्री प्र	विषय से संबंधित मौखिक- लिखित प्रश्नोत्तर , अभ्यास कार्य तथा जैमबोर्ड गतिविधि , ग्गलालेख तथा ग्गल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।
French	Le petit déjeuner. Vocabulaire de la nourriture. Revision of Articles Partitifs Les adjectifs irréguliers.	Each student will be able to Identify the food items eaten for breakfast in French. Write the feminine forms of adjectives. Spell irregular adjectives according to gender and number.	Collage – Le petit-déjeuner	Assessment -based Activities: Creative Writing - Décrivez le petit-déjeuner en France. Worksheet - Les Adjectifs Question Bank

Mandarin	我坐飞机去	Each student will be able to	Videos	Worksheet
	Travel conversation	Make a conversation for traveling	PPT	
	机场沟通对话	use chinese website		
	Online website introduction	Know the chinese culture		
	Chinese culture explore			
	_ L	DECEMBER		<u> </u>
Subject	Topics Covered	Learning Outcome	Activities	Assessments
English	Main Course Book Unit 7- Ashoka, the messenger of Peace Grammar Phrasal verbs contd Prepositions Dramatization of a prose passage- role play Writing skills Essay – final draft	Each student will be able to -sketch at least one peace motif and explain it. -share any one fact about Ashoka's edicts. -justify how the message is relevant even today. -answer the textual questions. -re-write the message in today's language and vocabulary.	Art Integration- Sketching symbols of peace and an original peace-logo	Google forms Google docs Exit tickets Worksheets Graphic Organisers Weekly Test Jamboard for vocabulary.

-identify the parts of speech or structures taught	Finding out more about the Ashoka's edicts and discuss the	
-use them in their writing.	message in the edicts and	
-locate more examples from the textbook or newspaper.	whether they are relevant even today	
-complete the given exercises	Word Wall- (Pinterest)	
independently.	Collect all the words associated with the theme of this unit.	
-contribute to the group work.	(Peace)	
-perform whatever role is allotted and speak with confidence.	Find out where some of Ashoka's edicts are today.	
-rewrite a much improved version of the earlier draft	Experiential Learning	
-Spot some of his/her own errors.	Creating a Peace song. Presenting it with music accompanied by instruments.	
	Rewriting the message in simple	
	modern language	
	Learning Activity	
	Children will	
	bring out the meaning of each story though their role play	
	,, p.s.,	

Hindi	मधुप पाठ- उडनपरी हिमा दास कालांश ६ नवीन शब्दावली वाक्य रचना प्रश्न उत्तर व्याकरण पत्र मुहावरे लोकोकतियाँ लेखन अपठित कालांश १ अमृत संचयन धन की भेंट	प्रत्येक छात्र उडनपरी हिमा दास के बारे मे कम से कम पाँच वाक्य लिख सकेगा। शुद्ध उच्चारण से पाठ पढ़ सकेगा। गुरु शिष्य के संबंध के बारे मे कहानी लेखन कर सकेगा। देश प्रेम त्याग समर्पण विषय पर कक्षा चर्चा मे भाग ले सकेगा। https://youtu.be/tGnJJeN0gGM अमृत संचयन धन की भेंट प्रत्येक छात्र अच्छाई और बुराई का अंतर कर सकने वाला लेख लिख सकेगा।	अनुभवजन्य शिक्षण भारत में कृषि के बाद सबसे ज्यादा आय कला जगत से प्राप्त होती है। भारत में लगभग ८६ लाख गांव है, जिसके हर गांव में कोई-ना-कोई शिल्प प्रैक्टिस की जाती है, इनमे से तुम्बा शिल्प छतीसगढ़ राज्य के बस्तर जिले के कई गांवों में आदिवासी लोगों द्वारा प्रैक्टिस की जाती उक्त जानकारी के आधार पर एक तुंबा आर्ट करेंगे।	गूगल आलेख व प्रपत्र द्वारा मूल्यांकन मौखिक चर्चा द्वारा। व्याख्यात्मक अभ्यास पत्र के माध्यम से। लिखित प्रश्नों के माध्यम से।
Math	Factorisation Factorisation by common factors Grouping	Each student will be able to Express each term as a product of irreducible factors and find the common factors of the given terms	Quiz on factorization/ division/ find the error to be done as group work as per the topic assigned to the group to be conducted by the students	Google forms Quizzing Flash Cards

Factorisation using identities	Method of common factors	Activity on factorisation	Graphic Organisers
Factorise By middle term splitting.	Use the method of common factors and factorize the given algebraic expression	https://www.youtube.com/watch ?v=OlenxJu7ukU	'Just A Minute'
•			Prepare to teach Past Questions

		Check the given mathematical statements and find and give reasons for the possible errors in them		
Science	Chemical effect of current Electrolysis Chemical effect of current Electroplating	Each student will be able to Differentiate between conductor and insulator Make a tester and check the conductivity of different solutions and then differentiate between electrolyte and non-electrolyte Explain how the magnetic effect of current is used to check the conductivity of liquids. Explain how a magnetic compass be used in a tester Enlist effect produced by electric current when it is passed through an electrolyte .Perform activity to show that fruits and vegetables also conduct electricity .Elaborate the observation of the activity when current is passed through water.	Conduction of current through fruits and vegetables.	Quiz Google forms Assignments in google docs Liveworksheet

		Define electroplating Draw the diagram of the experimental set up of electroplating and explain the process. Enlist the advantages and disadvantages of electroplating		
laws of Image plane n Perisco Kaleido Uses o	ope	Each student will be able to Define reflection of light Explain the laws of reflection Plan and conduct investigations or experiments to verify the laws of reflection. State the laws of reflection Diagrammatically represent laws of reflection. Calculate angle of incidence and reflection Explain the formation of images by plane mirror with the help of an activity. List any five characteristics of an image formed by plane mirror Differentiate	Activity- Laws of reflection Periscope	Quiz Google forms Assignments in google docs Liveworksheet

		between real and virtual image. Understand regular and irregular reflection		
Social Science	Civics Role of Police and Courts- Role the police Rights of arrested person Filing an FIR→ Duty of police accept an FIR and investigate Role of courts →Trial →Role of public prosecutor	Each student will be able to (i)state the role of the police in our country. (ii) List the rights of arrested person in our country (iii)give details about the FIR and the Supreme Court's instructions w.r.t. the same. (iv)enumerate the role of the courts and the public prosecutor in conducting trials. (v) Explain the meaning of a fair trial	Art Integration- Group activity Puppetry - depicting a fair trial Experiential learning E-Filing an FIR Assume that you have lost your cell phone. Take a printout an online FIR form fill it up and paste it in your notebook	Art Integration Group Activity- 6 marks Writing FIR – 4 marks Online worksheet- Assignment work Class Discussion
	History National Movement Emergence of Gandhiji Unpopular British actionsRowlatt Act	Each student will be able to (i)trace the rise of Gandhiji in the Indian freedom movt. (ii)list the unpopular British actions taken before 1919. (iii)examine the anti-British movts.	Write a speech Read the historic speech of Pandit Nehru. If you were Nehru how would you address the nation on the midnight of independence?	Oral questions Participation in Group Discussion Online Quiz 8 marks Speech writing- 2 marks

Jallianwala Bagh	iv)state the importance of the Swaraj Party.	Online quiz- Related Incidents	Assignment work
Anti-British Movt KhilafatNon-Cooperation Swaraj Party Revolutionaries Communist party Simon Commn British Repressn Poorna Swaraj Civil Disobedience. 2 NationTheory Final Phase - Congress & WorldQuit India Movt.		-	Assignment work
Azad Hind Fauj Transfer PowerUnrest in IndiaCabinet Mission			

	Const Assembly and Interim Govt. Partition and Independence			
Sanskrit	भारतीयाः नार्यः (स्वर-संधिः- वृद्धि, यण्, अयादि) उपपद विभक्तिः- द्वितीया- विना, परितः, गम् तृतीया - सह, अलम् चतुर्थी - नमः, दा पञ्चमी- बहिः, अनन्तरम् षष्ठी - उपरि, पुरतः,पृष्ठतः सप्तमी - निर्धारणे, स्निह् कुशल(प्रवीण/दक्षा/निपुण) गीतायाः महात्मयम् (श्लोकाः) (केवलश्रवणम्) अतिरिक्त कार्यम् - संस्कृतसंख्या-1-100	प्रत्येक छात्र विचारात्मक सोच तथा विकास की प्राप्ति के साथ प्रत्येक छात्र लिंगसंवेदनशीलता को समझेगा कि लड़िकयाँ किसी भी क्षेत्र में लड़कों से कम नही होतीं। दत गद्यांश में से पृष्ट प्रश्नों के मौखिक व लिखित संभावित उत्तर दे सकेगा। संबंधित प्रश्नों के उत्तर दे सकेगा। गद्यांश में आए स्वर संधि के शब्दों में संधि विच्छेद कर पाएगा। उपपदों का प्रयोग कर सकेगा, वाक्य में उपपद को पहचान सकेगा।	कला समन्वय गतिविधि हेतु महान् स्त्रियों पर कविता लेखन / कूटवाक्य रचना अथवा डिजिटल प्रस्तुतीकरण करना। कथानकाधारित मुख्य सांकेतिक वाक्य लिखना। कथानक में से स्वर संधि युक्त शब्द ढूँढ़ना तथा उनका संधि विच्छेद करना। कथानक संबंधी प्रश्नोत्तर करना। उपपद तालिका अनुसार वाक्य में उचित विभक्ति का प्रयोग करना।	विषय से संबंधित मौखिक- लिखित प्रश्नोत्तर , अभ्यास कार्य तथा भाषा संवर्धन गतिविधियों, गूगलालेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।

French	Les Monuments et les Avenues de Paris. Le déjeuner au restaurant Commander un repas.	Each student will be able to Identify the sights of Paris. Each student will be able to Read a menu card and order a dish in a restaurant. Use vocabulary words for dishes and food items.	Art: Make a collage of the various monuments of Paris. Experiential Learning based Activity: A virtual tour of Paris and a walk down the Champs-Elysees. Learning based Activity: Décrivez la ville de Paris en 120 – 150 mots. Jeu de Rôle: Ordering food at a restaurant. (Speaking Skill) Comprehension Orale: Au restaurant. (Listening Skill)	Assessment-based Activities: Objective Type Questions Oral Questions Class Test
Mandarin	汽车站在前边 New words and sentences patterns Grammar of "的" 方向及東西南北 Vocabulary of actions "最" most	Each student will be able to Describe the directions in chinese Make sentences from "最"	https://www.youtube.com/watch ?v=vmHOmh2AQso&t=279s	worksheet

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Subject	Topics Covered	Learning Outcome	Activities	Assessments
English	Main Course Book Unit 7 – Towards Peace	Each student will be able to	Art Integration- Create an Album Cover	Google forms
		-read and understand the poem.		Google docs
	Wangari Maathai	-identify some well known personalities	Find out more about songs or poems that spread the message	Exit tickets
	Maithreem Bhajatha	who worked for peace. -answer most of the questions.	of peace in the world. Create an album cover with visuals on the	Worksheets
	Wangari Maathai:	ll '	front and a song list(of peace	Graphic Organisers
	Environmental Activist	-write answers to the textual questions based on the class discussion.	related songs) on the back .	Weekly Test
	Cohral demets	-select any one of the literature reader	Experiential Learning- Dialogue and Discussion	Jamboard for vocabulary.
	Grammar	stories or poems and create an		
	editing contd	interesting presentation.	Talk between all the major characters from the MCB	
	Jumbled sentences	-edit the passages given with a reasonable degree of accuracy	chaptersArun Krishnamurty, Ashoka, Sarojini Naidu and	
	Writing skills	-re-order the phrases to form complete	Wangari Mathaai	
	Speech	sentences	Word Wall- (Pinterest)	
	Diary entry	-use the formats taught to write a good	Collect all the words associated	
	Visually guided paragraph	speech, diary entry or a paragraph	with the theme of this unit. (Music)	

			Practice Activity Writing the speech diary entry or paragraph using the writing checklist and the guidelines following the proper format Oral and written questioning (Remembering)	
Hindi	मधुप पाठ- चिकित्सा का चक्कर (हास्य लेख) पाठ-लोभ को छोड़ो (मूल्य परक) व्याकरण संधि उपसर्ग प्रत्यय चित्र वर्णन लेखन विज्ञापन रचना अनुच्छेद लेखन	प्रत्येक छात्र https://youtu.be/vXYfGV2x3Oc टयंग्य विधा को समझ कर पाठ पर आधारित प्रश्नों के उत्तर दे सकेगा। विभिन्न चिकित्सा पद्धतियों के नाम लिख सकेगा। लोभ के दुष्प्रभाव के बारे मे शब्द सीमा में अनुच्छेद लेखन कर सकेगा। अमृत संचयन पराया कहानी से संबंधित नवीन शब्दावली का निर्माण कर सकेगा।	अनुभवजन्य शिक्षण दादी माँ के नुस्खे घर के बुजुर्गों की मदद से किसी बीमारी का इलाज लिखे। प्रश्न कोश का निर्माण कला समावेशन कबीरा औंधी खोपड़ी, कबहूं धापै नाहिं तीन लोक की सम्पदा, कब आवै घर माहिं संत शिरोमणि कबीरदास जी कहते हैं कि मनुष्य की खोपड़ी उल्टी होती है क्योंकि वह कभी भी धन प्राप्ति से थकता नहीं है।	गूगल आलेख व प्रपत्र द्वारा मूल्यांकन मौखिक चर्चा द्वारा। वर्ग पहेली द्वारा। व्याख्यात्मक अभ्यास पत्र के माध्यम से। लिखित प्रश्नों के माध्यम से। मौखिक तथा लिखित कार्य की चर्चा व जाँच द्वारा। अभ्यास कार्यपत्र की चर्चा व निरीक्षण द्वारा

	पुनरावृति अभ्यास अमृत संचयन पराया		वह अपना पूरा जीवन इस आशा में नष्ट कर देता है कि तीनों लोकों की संपदा उसके घर कब आयेगी। कबीर के लोभ संबंधित किसी दोहा को रैप द्वारा प्रदर्शित कीजिये।	
Math	Mensuration	Each student will be able to	Experiential Learning	Google forms
	1. Areas	Calculate area and perimeter of circle, square, rectangle, triangle	Activity:	Quizzing
	Trapezium A polygon 2. Surface areas and Volumes Cube Cuboid Cylinder	Area of Trapezium Breakdown a given trapezium into known figures (triangles, squares, rectangles) and derive the formula for the area of a trapezium Area of a Polygon Calculate the area of a given polygon after breaking down the polygon in	1. Explain the formula for 3-D shapes using nets Note: We take π to be $\frac{22}{7}$ The lateral (or curved) surface area of a cylinder: $3\pi h + \pi^2 + 2\pi h + \pi^2 = 2\pi^2 + 2\pi h + \pi^2$	Flash Cards Graphic Organisers 'Just A Minute' Prepare to teach Past Questions
	Practical Geometry construction of quadrilaterals Construction of special quadrilaterals	multiple ways . Uses appropriate methods to find the area of a polygon Surface Area of Cube, Cuboid and	area = πr^2 $\frac{2\pi r}{2\pi r}$ $\frac{1}{h}$ area = $2\pi rh$ $\frac{1}{h}$ $\frac{1}{h}$ area = $2\pi rh$ $\frac{1}{h}$ 1	

Cylinder

Illustrate 2-D representation of a cuboid, cube and cylinder and compute the surface areas by breaking them into areas of known figures.

Use formulae in order to find surface area and volume of cuboidal and cylindrical object Calculate the surface area of a cube, cuboid and cylinder to determine the cost of painting /covering their surface

Volume of Cube, Cuboid and Cylinder

Calculate the volume of a given cube, cuboid, cylinder and infer the quantity of any substance it can hold

Modify the values of I, b, h and examine the effect it has on the value of the surface area /volume of a cuboid

Modify the values of r, h and examine the effect it has on the value of the surface area /volume of a cylinder

Calculate the volume of a given cuboid, cylinder and determine the time taken to fill it with a liquid at a given rate

2. Volume of a cuboid through a case study

Case study

Try these Pg. 188 and 189



		To construct a quadrilateral using compass on the basis of the given dimensions State the conditions for constructing a unique quadrilateral		
Science	Light (contd) human eye. Persistence of vision Braille Micro-organisms - Friends and Foe Occurrence of micro-organisms Major groups of micro-organisms and their economic importance Micro-organisms Harmful effects of micro-organisms and food preservation	Each student will be able to 1.Explain the structure of the human eye. 2.Demonstrate blind spot with the help of an activity Each child will be able to Describe various types of micro-organisms which are omnipresent the five major groups of micro-organisms. Explain the harmful effects of microbes on plants, animals and human beings. Analyze the causes of food spoilage and various methods of food preservation Apply scientific principles to solve daily life problems such as	Activity- Demonstration of blind spot To observe the budding of yeast cells. To show fermentation of dough. To observe root nodules of pea plants for Rhizobium bacteria.	Quiz Google forms Assignments in google docs Class test in google forms

		preservation of food to avoid the spoiling Explain the nitrogen cycle. Analyse and interpret the diagram and find the missing links		
Social Science	India After Independence Challenges faced by newly independent India Introduction of Democracy in India Planned economic development in India India's Foreign Policy India as member of NAM and the SAARC Reforms introduced by the Indian govt	Each student will be able to (i)explain the integration of the princely states, the French colonies and the Portuguese colonies with the Indian dominion. (ii)give details about the successes and failures of India as a democracy. (iii)specify the meaning of 'foreign policy'. (iv) state the foreign policy (highlighting its features)of India. (v) elaborate upon the relations of India with its neighbours. (vi) examine the relations of India with the SAARC & NAM nations. (vii) briefly describe India's future problems w.r.t its independent status as well as its neighbours	Travel brochure On any one of the SAARC nations (Other than India) Bangladesh, Nepal, Pakistan, Sri Lanka, Bhutan Maldives or Afghanistan	Travel Brochure- 5 marks Class test- Long Answer 5 marks Assignment work Map work

Sanskrit	पर्यावरणरक्षकाः (वाच्य परिवर्तनम्) लोभः पापस्य कारणम् (केवल पठनम्) शब्द धातु रूप- शतृ प्रत्ययः - भवत् (उभयलिंगी), गच्छत्, राजन्, विद्वस्-स्त्रीलिंग	प्रत्येक छात्र पर्यावरण सुरक्षा हेतु अपने विचार बता सकेगा। कथानक का सरलार्थ करते हुए वाच्य परिवर्तन कर सकेगा। कथानक संबंधी प्रश्नों के उत्तर दे सकेगा।	कला समन्वय- मधुबनी /थांका/ वार्ली किसी एक कला के माध्यम से भिति पत्र रचना(पोस्टर) https://docs.google.com/drawing s/d/1uVasyOQCGLenulybovdw2 oqcft2EOGorlzM6oRXryxs/edit? usp=sharing	विषय से संबंधित मौखिक- लिखित प्रश्नोतर , अभ्यास कार्य तथा भाषा संवर्धन गतिविधियों, ग्गलालेख तथा ग्गल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।
French	Chez le Legrand Une soirée	Each student will be able to Follow correct etiquettes when they visit someone's house.	गूगल प्रपत्र द्वारा वाच्य परिवर्तन गतिविधि। Experiential learning based Activity: How to lay a formal dinner table.	Assessment-based Activities: Objective Type Questions

Mandarin	Le Dîner. 几月去北京旅游最好 Review of sentence order, especially with time Story writing- Topic- My childhood	Discuss the various courses of a french meal. Each student will be able to Tell their own story according to the pattern in the lesson Make the sentence with the proper sentence order, especially with time	Speech Topic of "My Childhood"	Oral Questions Class Test Google form
Subject	Topics Covered	FEBRUARY & MARCI Learning Outcome	Activities	Assessments
English	Revision for the Final Exam	Each student will be able to -recall the writing formats -recall the key themes, message, characters, rhyme schemes, poetic devices etc from the literature texts -apply the grammar structures taught - frame answers to questions within the	Revision through group and individual work, with quizzes, small group activities, collaborative learning and peer feedback	Long Ans. Test - Google forms Google docs- Assignment Question Worksheet Graphic Organisers

		word limit		Jamboard for vocabulary.
Hindi	मधुप विज्ञान वायरस और विनाश नवीन शब्दावली वाक्य रचना प्रश्न उत्तर व्याकरण लेखन पुनरावृति अभ्यास अमृत संचयन पुनरावृति अभ्यास	प्रत्येक छात्र डिजिटल क्रांति के विषय मे लिख सकेगा। विभिन्न प्रकार के कम्प्यूटर वायरस के बारे में मौखिक रूप से बता सकेगा।	हुक गतिविधि महामारी के इस दौर में कम्प्यूटर विज्ञान किसी देवदूत से कम नहीं। चर्चा करते हुए पाठ आरंभ किया जाएगा एवं पाठ में निहित विभिन्न तथ्य को समझाते हुए पाठ आधारित प्रश्न उत्तर करवाए जाएंगे।	ग्गल आलेख व प्रपत्र द्वारा मूल्यांकन मौखिक चर्चा द्वारा। वर्ग पहेली द्वारा। व्याख्यात्मक अभ्यास पत्र के माध्यम से। लिखित प्रश्नों के माध्यम से। मौखिक तथा लिखित कार्य की चर्चा व जाँच द्वारा। अभ्यास कार्यपत्र की चर्चा व निरीक्षण द्वारा
Math	Revision for the Final Exam	Each student will be able to recall the formulas recall the concepts apply concepts to statement questions compute to find the value of the given expression	Revision through group and individual work, discussions, with quizzes, small group activities, collaborative learning and peer feedback, self assessment and peer assessment	Google forms Quizzing Flash Cards Graphic Organisers 'Just A Minute' Prepare to teach

				Past Questions
Science	Pollution of Air and Water Air pollution Case study- Taj Mahal Greenhouse effect Water pollution Purification of water Revision	Each student will be able to Recognize the harmful effects and preventive measures of air pollution. Analyze the causes of water pollution. List various physical and chemical methods of water purification. Explain the method of purification of water supply for city supply	Students will present their views on pollution in air & water in the chosen form of MI Collage on Pollution – causes , effects & remedies	Quiz Google forms Assignments in google docs Class test in google forms
Social Science	Civics Marginalized Groups and Social Justice Meaning of marginalized Some forms of social inequality(caste system and untouchability, Adivasis) How social status affects economic status Social justice and the Indian Constitution	Each student will be able to (i) state the meaning of the term 'marginalized'. (ii) identify some of the forms of social inequality. (iii) explain the relation bet. social and the economic status of people. (iv) mention the provisions of the constitution aiming at bringing about social justice in the society. (v) write about the policy of reservation	Art Integration: Any One Tribal dance forms Tribal art Tribal craft	Art Integration Activity- 5 marks Source Based Worksheet 5 marks Group discussion- MANUAL SCAVENGING Assignment work

	Reservation Some laws to help the marginalised Remaining Days- Revision for Final Exam + Preparatory leave	being different from discrimination. (vi) state the meaning of manual scavenging.		
Sanskrit	विसर्ग संधि- सत्वम्, उत्वम्, रत्वम् राजा भोजः (समास प्रकरण) सन्मित्रम् (अशुद्धि संशोधनम्) शेष कालांश पुनरावृत्तिः	प्रत्येक छात्र शब्दों में विसर्ग के स्थान पर स्,श्,ष्,उ तथा र् का प्रयोग कर पाएगा। कथानक के प्रश्नोत्तर के साथ-साथ समास विग्रह व समस्त पद निर्माण कर पाएगा। अशुद्ध वाक्यों में शुद्धि कर पाएगा। शब्दों में समास व समास विग्रह कर पाएगा।	सत्वम् उत्वम् तथा रत्वम् वाले शब्दों को पहचानना। शब्दों में संधि व संधि विच्छेद करना। कथा में आए समास युक्त शब्दों का समास विग्रह करना।	विषय से संबंधित मौखिक- लिखित प्रश्नोत्तर , अभ्यास कार्य तथा भाषा संवर्धन गतिविधियों, गूगलालेख तथा गूगल प्रपत्र के माध्यम से मूल्यांकन किया जाएगा।
French	Revision for Final Exams	A complete revision of the syllabus is done and Doubts are cleared.	Worksheet - Tenses of verbs Comprehension passages	Question Answers Grammar Dictée

				Sample Question paper.
Mandarin	Revision for Final Exams	revision of the syllabus for final exam	worksheet	Worksheet