

ANNUAL PEDAGOGICAL PLANNER 2022-23

CLASS – IX

ENGLISH LANGAGUE & LITERATURE

MONTH	TOPIC	METHODOLOGY	LEARNING OUTCOMES	WORKING DAYS
April	<p>Beehive 1.The Fun They Had</p> <p>2.The Sound of the Music</p> <p>1.The Road Not Taken (Poem)</p> <p>Writing Skills Diary Entry</p>	<p>Transaction Methodology Brain Storming - The class would start with a discussion on what the students have already learnt in the previous classes and hence what is it that they would learn now. They would also be told about the author the significance of the topic. Introduction of the topic - PPT and Digital Content would be shared</p> <p>Discussion – Think of potential barriers to success and of people who have overcome them.</p> <p>Discussion – Choice we make in our life.</p> <p>The concept of diary writing would be discussed. The importance of writing diary would be established. The rule, format and style would be taught and discussed with examples</p>	<p>Understand the theme – futuristic education system vs current one.</p> <p>The students will be able to develop sensitivity towards differently abled people.</p> <p>The students will get familiar with the idea of making choices in life.</p> <p>To enable the students to generate their thoughts and feelings and express in a convincing style -to generate their interests towards writing. -to guide them to use language appropriately with a taste of creativity. -to make them able to present and defend opinions by making judgments about information, validity of ideas or quality of work based on a set of criteria.</p>	19

<p style="text-align: center;">May</p>	<p>2.Wind (Poem)</p> <p>(Moments) 1.The Lost Child</p> <p>Grammar Tenses</p>	<p>Some lines from the poem are highlighted and the students are asked to explain the words/ phrases and poetic devices.</p> <p>Write the dialogue between the man and the child. (ask names, name of the village, what his parents were wearing, where he lost them, etc.</p> <p>The session would start with the proactivity- speaking about their “daily routine”. Inductive method would be applied. The learners would be first taught the difference between the types of verbs and tenses and the connection between the two. The concept of ‘be’ verb and main verb would be discussed. All types of tenses would be discussed with the rules and formulae with examples. Learners would participate in communicative written and oral practice.</p>	<p>Wind represents the difficulties and challenges. The poem inspires us to face the challenges and hardships with courage, grit and firm determination.</p> <p>The story mainly focuses on the significance of the parents.</p> <p>The learners would develop their reasoning skills. They would be able to identify verbs in the sentences and extract the differences. The understanding and analyzing skills would be strengthened.</p>	<p style="text-align: center;">20</p>
<p style="text-align: center;">June</p>	<p>Beehive</p> <p>3.The Little Girl</p> <p>4.A Truly Beautiful Mind</p> <p>3.Rain on the Roof (Poem)</p> <p>Writing Skills Articles</p>	<p>Is there a generation gap between parents and children? The students will give examples to illustrate their point of view Students will collect detail information about any scientist.</p> <p>The session would start with a pre-writing activity to create an interest towards writing.</p> <p>The teacher would define what an article is and discuss the purpose of article writing.</p>	<p>Student will realize the importance of the parents. The students will be able to reflect on the contribution made by some famous scientists.</p> <p>to enhance familiarizing with specific background information of author/ book excerpt /History to express ideas fluently and spontaneously without difficulty in expressions, grammar usage, format usage, relevant vocabulary.</p>	<p style="text-align: center;">12</p>

<p>July</p>	<p>Writing Skills Speech /Debate</p> <p>Grammar Determiners</p> <p>(Moments) 2.The Adventures of Toto</p>	<p>Pre-writing (brain storming) would be assigned to stimulate the students' creativity. The rules and process of evaluating, structuring and editing would be discussed in detail. Group compositions would be conducted.</p> <p>The learners would be able to identify determiners and use them appropriately. The comprehending skills would be improved.</p> <p>Discussion – Experience of having a pet</p>	<p>The students would be able to produce independent writing thus strengthening their thinking skills, creative and evaluative skills. Their listening skills would be enhanced through peer discussions. They would be able to evaluate their own language as well as of others and improve through checking the errors.</p> <p>To establish a clear understanding of determiners To enable the learners to identify the types of determiners and use them in sentences. The students will be able to understand the needs of pets.</p>	<p>19</p>
<p>August</p>	<p>Beehive 4. The Lake Isle of Innisfree 5.A Legend of the Northland (Poem) (Moments) 4. In the Kingdom of Fools</p> <p>5. The Happy Prince</p> <p>Grammar Reported Speech</p>	<p>The students will be asked to find out all possible connotations associated with the different words.</p> <p>Role play - As the king and minister of the story construct a dialogue discussing their deeds after their death.</p> <p>The teacher would start with a game board (whisper game) where the class would be divided into three groups involving direct and indirect dialogues to test the students' prior knowledge. The changes would be explained. The rules to change direct sentences to indirect would be explained</p>	<p>The students will be able to differentiate between myths, legends and fables.</p> <p>The students will be able to use the skill of organising their thoughts in a group and putting it in a sentence or two individually. speak without any written text in hand</p> <p>The learners would be able to identify the use of punctuations in direct speech and the changes followed in the indirect speech.</p> <p>-they would be able to spot the use of reporting verbs and the tense.</p>	<p>18</p>
<p>September</p>	<p>Assessment of Speaking and Listening Skills REVISION & FIRST TERM EXAMINATION</p>			<p>22</p>

<p>October</p>	<p>Beehive 6. My Childhood</p> <p>7. Packing</p> <p>6. No Men are Foreign (Poem)</p> <p>Writing Skills Story -Writing</p>	<p>Discussion – A. P. J. Abdul Kalam</p> <p>Students will be allowed to share their views in the open discussion.</p> <p>Pre-writing (brain storming) would be assigned to stimulate the students' creativity. The rules and process of evaluating, structuring and editing would be discussed in detail.</p>	<p>Discuss about great personalities and their contribution in the betterment of the society. State our fundamental rights and duties.</p> <p>Our life is also a journey and we meet with complex situations many times while containing our journey.</p> <p>The students would be able to produce independent writing thus strengthening their thinking skills, creative and evaluative skills. Their listening skills would be enhanced through peer discussions. They would be able to evaluate their own language as well as of others and improve through checking the errors.</p>	<p>15</p>
<p>November</p>	<p>Beehive 8. Reach For the Top</p> <p>9. The Bond of Love</p> <p>8. On Killing a Tree (Poem) Arts Integrated Activity</p>	<p>Speech- “The need of strengthening the bond of love between human beings and animals.” Discussion about Importance of trees and nature.</p> <p>Painting Artwork You are encouraged to think about the rich and cultural heritage of Indian music after reading “The Shenai of Bismillah Khan”, and plan to visit Banaras. Create a painting taking inspiration from the Banarasi Silk Saree, Flute and Rudraksh.</p>	<p>Love has no proper language. Even animals and birds understand the language of love.</p> <p>The poet taunts how trees are to be killed.</p> <p>They will better understand the rich and cultural heritage.</p>	<p>20</p>
<p>December</p>	<p>(Moments) 6. Weathering the Storm in Ersama</p>	<p>The Students will be able to understand the term 'disaster'. distinguish between natural and human</p>	<p>Students learn that the single-minded determination and dedication help us overcome all the hurdles and emerge as a winner.</p>	<p>22</p>

	<p>7.The Last Leaf</p> <p>Grammar Subject–Verb Concord</p> <p>Assessment of Speaking and Listening Skills</p>	<p>caused disasters.</p> <p>Students will prepare a written piece in the form of a Diary Entry/description on the basis of the episode of the text assigned to them and present the same to the class.</p> <p>Students will be given the knowledge of correct usage of Subject – Verb Agreement with complete rules & Examples.</p>	<p>Our positive thoughts work as a remedy for our illness and sufferings.</p> <p>It will help students clarify their understanding about correct usage of Subject – Verb Agreement.</p>	
January	<p>Beehive</p> <p>10. Kathmandu 11.If I were you</p> <p>8.A House is not a Home</p> <p>Writing Skills Descriptive Paragraph –Person</p> <p>Grammar- Modal</p>	<p>Before the police arrives, the intruder who enters Gerrard's house escapes by breaking out of the cupboard. Working in groups, design a poster for his capture.</p> <p>Students will be given the knowledge of Modals with complete rules & Examples.</p>	<p>The presence of mind is always essential in the time of crisis.</p> <p>It can help students clarify their understanding of new details about any person.</p> <p>It will help students clarify their understanding about correct usage of Modals.</p>	15
February	<p>(Moments)</p> <p>9. The Accidental Tourist 10.The Beggar</p> <p>9.The Snake Trying (Poem)</p> <p>10. A Slumber Did My Spirit Seal</p>	<p>Group Discussion</p> <ol style="list-style-type: none"> 1. The teacher divides the class into pairs. 2. Each pair gives at least two reasons why people beg. 3. The teacher writes the main reasons on the board. <p>Students will be told to love all the creatures. Students will learn that a person whom we love, when leaves us, our life comes to a standstill for some time.</p> <p>REVISION & FINAL TERM EXAMINATION</p>	<p>The students will be able to learn the skill of organizing their thoughts in a group and putting it in a sentence or two individually. speak without any written text in hand.</p> <p>The students will be able to learn that all snakes are not poisonous. Some of them are quite harmless. The students will be able to learn that we should respect, love and take care of all the things.</p>	20

HINDI – COURSE ‘B’

MONTH	TOPIC	METHODOLOGY	LEARNING OUTCOME	WORKING DAYS
April	पाठ—दुख का अधिकार (गद्य) पाठ—पद (रैदास) (पद्य) पाठ— गिल्लू(संचयन) अपठितगद्यांश व पद्यांश अनुच्छेदलेखन पत्र लेखन	व्याख्यान विधि सस्वरवाचन पशु—पक्षियों से संबंधित घटनाओं का वर्णन सतत अभ्यास संकेत बिंदुओं का स्पष्टीकरण	सामाजिक एवं आर्थिक असमानता से परिचितकराना पशु—पक्षियों के प्रति भाषाज्ञान का विकास कल्पनाशक्ति का विकास	19
May	पाठ— एवरेस्ट: मेरीशिखर यात्रा (गद्य) पाठ—रहीम के दोहे (पद्य) पाठ—स्मृति (संचयन) अनुस्वार, अनुनासिक,	अन्य क्षेत्रों में उपलब्धि प्राप्त करने वाले साहसी लोगों का वर्णन सस्वरवाचन	आत्मिक दृढ़ता की प्रेरणादेना भावात्मक अभिरुचि का विकास कहानी के प्रति रुचि उत्पन्न करना	20
June	अपठितगद्यांश व पद्यांश संवाद पत्र लेखन	सततअभ्यास विभिन्नशब्दोंद्वाराअभ्यास	अर्थग्रहण की क्षमतामेंवृद्धि कल्पना शक्ति का विकासलेखनकौशल का विकास	12
July	पाठ— एकफूल की चाह (पद्य) अपठितगद्यांश व पद्यांश नारालेखन उपसर्ग—प्रत्यय	स्माज में फेली छुआ—छूतकी घटनाओं का वर्णन सस्वरवाचन सतत अभ्यास	रुढ़िवादिता व कुरीतियों की जानकारी देना कल्पना शक्ति का विकास कल्पना शक्ति का विकास	19
August	पाठ—तुम कब जाओगे, अतिथि (गद्य) पाठ—हामिद खाँ (संचयन) अपठितगद्यांश व पद्यांश पाठ— घूल पत्र लेखन	घरमेंआए अतिथियों का वर्णन सांप्रदायिक एकता पर आधारित घटनाओं का वर्णन सस्वरवाचन सतत अभ्यास	महंगाई के समय में अतिथि सत्कार का अर्थ धार्मिक एकता का महत्त्व धूल का महत्त्व बताना रचनात्मकता का विकास भाषा की शुद्धता का विकास	18
September		पुनरावृत्ति प्रथम सत्र परीक्षा		22

October	पाठ- धर्म की आड़ (गद्य) पाठ-दिये जल उठे (संचयन) अनुस्वार, अनुनासिक, (पुनरावृत्ति) संदेशलेखन अपठितगद्यांश व पद्यांश	धार्मिकघटनाओं का वर्णन संघर्षकरसफलताप्राप्तकरनेवालेमहापुरुषों का वर्णन नाटिका सस्वरवाचन सततअभ्यास	धर्म की सच्चीआत्मानुभूति से अवगतकराना जीवन की चुनौतियोंकोस्वीकारकरने के लिए प्रेरितकरना देशभक्ति की भावनाकोजागृतकरना कल्पना शक्ति का विकास	15
November	पाठ- खुशबूरचतेहाथ (पद्य) अपठितगद्यांश व पद्यांश संवाद पत्र लेखन	व्याख्यानविधि नित्यनईबनतीइमारतों के तथामजदूरीकरनेवालों के उदाहरण सस्वरवाचन	मजदूरवर्ग की दयनीयदशा से अवगतकराना व उसकेसुधार के लिए प्रेरितकरना कल्पना शक्ति का विकास लेखनकौशल का विकास	20
December	पुनरावृत्ति श्रुतिसमभिन्नर्थक शब्द	सततअभ्यास	ज्ञान का परीक्षण कल्पना शक्ति का विकास	22
January	पर्यायवाची ,विलोम शब्द	सततअभ्यास	ज्ञान का परीक्षण	15
February	पुनरावृत्ति वार्षिक परीक्षा			20

SANSKRIT

MONTH	TOPIC	ACTIVITY	METHODOLOGY	LEARNING OUTCOME	WORKING DAYS
April	स्वर्णकाकः	उच्चारणस्थानानिवर्णसंयोजनम् विन्यासं च	जीवनेत्यागस्य महत्त्वमविषयेअवबोधनाय ।	औपचारिकपत्रम्, अव्ययः पदानि, घटिकायाः समयलेखनम् आदि ।	19
May	सूक्तिमौक्तिकम्	सन्धिः—दीर्घः, यण्, गुणः	श्लोकानांप्रयोगेणभाषायाः	राष्ट्रीय ध्येय वाक्यानि, शाकानिनामानिचित्र	20
June	प्रत्ययाः	प्रत्ययाः—तुमुन्, क्त्वा, ल्यप्	सौन्दर्य वर्धनम् ।	सहितम् ,चित्राधारितंवर्णनम् अनुच्छेदलेखनम् वा ।	12
July	भ्रान्तोबालः	चित्राधारितंवर्णनम् ,अनुच्छेदलेखनम् वा ।औपचारिकपत्रम्, सन्धिः—वृद्धिः, अयादि	विद्यायाः महत्त्वम् विषयेअवबोधनाय ।	श्लोकलेखनम् वाचनम् च । श्लोकानाम् अन्वयेनसहितंचार्टनिर्माणम् ।	19
August	गोदोहनम् संख्या ज्ञानम्	व्यंजनसन्धिः , विसर्गसन्धिः प्रश्ननिर्माणम् । शब्दरूपाणिकिम्, गच्छत्, विद्वस्	प्राचीन धार्मिकग्रन्थानाम् विषयेअवबोधनाय ।	गृहवस्तूनांनानामानिसचित्रम् । शब्दरूपाणांश्रवणंलेखनम् च,धातुरूपाणिश्रवणंलेखनं च ।	18
September	पुनरावृत्ति प्रथम सत्र परीक्षा				22
October	सिकतासेतुः	औपचारिकपत्रम्, शब्दरूपाणि, गुरु, पितृ, मातृ । संख्यावाची शब्दानां रूपाणि	विद्यायाः महत्त्वम् विषयेअवबोधनाय ।	राष्ट्रियप्रतीकानांनानामानिसचित्रम्, परोपकारस्य महत्त्वम्,ममउद्यानम्	15
November	जटायोः शौर्यम् चित्रवर्णनम्	चित्राधारितंवर्णनम्	प्रकृतेः सौन्दर्यमहत्त्वम् च अवबोधनाय ।प्राकृतिकआपदायाः निवारणम् अवबोधनाय ।प्रकृतेः संरक्षणअवबोधनाय ।	शब्दरूपाणांश्रवणंलेखनम् च,धातुरूपाणिश्रवणंलेखनं च	20
December	पर्यावरणम्	समयलेखनम्, चित्राधारितंवर्णनम् अनुच्छेदलेखनम् वा, अशुद्धि संशोधनम् ।	प्राकृतिकआपदायाः निवारणम् अवबोधनाय ।प्रकृतेः संरक्षणअवबोधनाय ।	शब्दरूप—किम्, गच्छत्, विद्वस्	22
January	अनुवादविधिः पुनरावृत्तिः	सन्धि—यण्, अयादि,व्यंजनसन्धिः , विसर्गसन्धिः । प्रश्ननिर्माणम्अपठितगद्यांशः, औपचारिकपत्रम् ।	छात्राः संस्कृतभाषणेप्रवीणाः भवेयुः । छात्रेषुपठनाय नियमित्ता वर्धनाय ।	माहेश्वरसूत्राणिउपसर्गाः द्विकर्मक धातवः, संस्कृतेअंकलेखनम्	15
February	वार्षिक परीक्षा				20

GERMAN

MONTH	TOPIC	METHODOLGY	LEARNING OUTCOMES	WORKING DAYS
April	Lektion-1 Allein zu Hause Nebensatz: Konjunktion wenn Zu + Infinitiv	SMS schreiben Gruppenarbeit	Sagen, was man vorhat Zuständigkeiten verteilen	19
May	Lektion-1 Allein zu Hause Brauchen +...+ zu + Infinitiv Temporal Präposition während + Genitiv	Partnerarbeit Dialog schreiben	etwas vorschlagen einen Vorschlag annehmen oder ablehnen	20
June	Lektion-2 Wir kaufen nichts Finale Nebensatz Konjunktion damit	Lesen Lückentext	Auf die zeitliche Reihenfolge eingehen Ausdrücken, zu welchem Zweck man etwas tut	12
July	Lektion-2 Wir kaufen nichts um zu + Infinitiv	Interviews hören Pantherabreit	Auf die zeitliche Reihenfolge eingehen Ausdrücken, zu welchem Zweck man etwas tut	19
August	Lektion-3 Das würde ich nie tun! Fragwort Wo(r) + Präposition Pronomen da(r) + Präposition	SMS schreiben Gruppenarbeit	Jemanden nach seiner Meinung fragen und die Meinung sagen	18
September	REVISION & FIRST TERM EXAMINATION			22
October	Lektion-3 Das würde ich nie tun! Konjunktiv II: würde-+ Infinitiv Artikel und Nomen im Genitiv	Schreiben Lesen	Zustimmen oder etwas ablehnen Sagen, was man in einer bestimmten Situation machen würde	15
November	Lektion-4 Hamburg, wir kommen! Konjunktiv II Sollen Temporal Nebensatz: - Konjunktion während - Konjunktion bevor	Stadtplan Deutsch Landkarte kenntnisse Gruppenarbeit	Ratschläge geben die zeitliche Reihenfolge angeben sagen, was zur gleichen Zeit passiert	20
December	Lektion-5 Ende gut alles gut. Kausale Präposition wegen + Genitiv Zweiteilige Konjunktion zwar....,aber....	E mail schreiben Gruppenarbeit	Etwas begründen Gefallen und Missfallen ausdrücken	22
January	Lektion-5 Ende gut alles gut. Relativsatz: Relativpronomen im Nominativ, Akkusativ und Dativ(AB)	Partnerarbeit Dialog schreiben Einzelarbeit	Einschränkungen machen	15
February	REVISION & FINAL TERM EXAMINATION			20

MATHEMATICS

MONTH	TOPIC	METHODOLOGY	LEARNING OUTCOME	WORKING DAYS
April	<p>Number System Irrational Numbers, Real Numbers and their Decimal Expansions, Representing Real Number on number line, Operation on real numbers</p> <p>Polynomial Polynomials In One Variable, Zeroes Of A Polynomial, Remainder Theorem, Factorization Of Polynomials, Algebraic Identities</p>	<p>To obtain the square root of any given positive real number(say 6.9), through an activity, involving paper folding and geometrical construction.</p> <p>To prepare the model for verifying the algebraic identity : $(x+y)^3 = x^3 + y^3 + 3xy(x+y)$</p>	Students are able to solve the questions of Number System.	19
May	<p>Coordinate geometry Cartesian system, Plotting a point in the plane if its coordinates are given</p> <p>Linear Equation in two variables Linear equations, Solution of a linear equation Graph of a linear equation in two variables, Equations of lines parallel to x-axis and y-axis</p>	<p>To obtain the mirror image of the given geometrical figures(a triangle) with respect to the x-axis and the y-axis on a graph paper.</p> <p>To draw a geometric representation of a linear equation in two variables.</p>	Students are able to solve the questions of Coordinate Geometry and Linear Equation in two Variables	20
June	<p>Lines and Angles Basic terms and definitions, Intersecting lines and non-intersecting lines, Pairs of angles, Parallel lines and transversal, Lines parallel to the same line, Angle sum property of triangle</p>	<p>To obtain the mirror image of the given geometrical figures(a triangle) with respect to the x-axis and the y-axis on a graph paper.</p> <p>To find out the relation between two vertically opposite angles formed by the intersection of two straight lines at a point, using the method of tracing geometrical figures.</p> <p>To verify that if the side of a triangle is produced, the exterior angle so formed is equal to the</p>	Students are able to solve the questions of Lines and angles and Triangles	12

	Triangles Congruence of a triangles, Criteria of Congruency of a triangle, Some more criteria of congruence of triangles, Inequalities in a triangle	sum of the two interior opposite angles, using the method of paper cutting and pasting. To verify the SAS criterion for congruence of triangles, using the method of tracing geometrical figures.		
July	Heron's formula Area of triangle-by Heron's formula, Application of Heron's formula in finding area of quadrilaterals Quadrilaterals Angle sum property of a quadrilateral, Types of quadrilateral , Properties of a $\parallel gm$, Another condition for a quadrilateral to be a $\parallel gm$	Area of triangle-by Heron's formula, Application of Heron's formula in finding area of quadrilaterals Angle sum property of a quadrilateral, Types of quadrilateral, Properties of a $\parallel gm$, Another condition for a quadrilateral to be a $\parallel gm$,	Students are able to solve the questions of Heron's Formula and Quadrilaterals	19
August	Quadrilaterals The Mid-point theorem Converse of Mid-point theorem	The Mid-point theorem	Students are able to solve the questions of Quadrilaterals	18
September	REVISION & FIRST TERM EXAMINATION			22
October	Circles Circles and its related terms, Angle subtended by a chord at a point, Perpendicular from the centre to a chord, Circle through three points, Equal chords and their distances from the centre, Angle subtended by an arc of a circle , Cyclic quadrilateral Construction Basic constructions, Some construction of a triangles	To verify that the angle subtended by an arc of a circle at the centre is twice the angle subtended by it at any point on the remaining part of the circle, using the method of paper cutting , folding and pasting. Construction of a triangle of given Perimeter and base angles	Students are able to solve the questions of Circles and Construction	15

November	<p>Surface Area and Volume Surface area of cube, cuboid, cylinder, cone , hemisphere, sphere</p>	To obtain the formula for the lateral surface area of a right circular cylinder, using the method of paper cutting and pasting.	Students are able to solve the questions of Surface Area and Volume	20
December	<p>Surface Area and Volume Volume of cube, cuboid, cylinder, cone ,hemisphere, sphere.</p> <p>Probability Repeated experiments and observed frequency approaches to probability Focus is on Empirical probability</p> <p>Art Integrated Activities How to make breathtaking art with Mathematics using X – axis and Y - axis</p>	To obtain the formula for the surface area of the sphere, using a given spherical plastic ball The experiments to be drawn from real life situations	Students are able to solve the questions of Surface Area and Volume and Probability	22
January	<p>Statistics Collection of data, Presentation of data</p>	To analyze a language text using graphical and pi charts techniques	Students are able to solve the questions of Statistics	15
February	REVISION & FINAL TERM EXAMINATION			20

SOCIAL SCIENCE

MONTH	TOPIC	OBJECTIVE	ACTIVITY	METHODOLOGY/ PEDAGOGY	WORKING DAYS
April	<ul style="list-style-type: none"> • GEOGRAPHY : India - Size and Location • HISTORY : The French Revolution • POLITICAL SCIENCE : What is Democracy ? Why Democracy ? ECONOMICS : The Story of Village Palampur. 	<ul style="list-style-type: none"> <input type="checkbox"/> Identify the location of India in the Indian subcontinent. <input type="checkbox"/> Familiarize with the names of people involved, the different types of ideas that inspired the revolution, the wider forces that shaped it. <input type="checkbox"/> Develop conceptual skills of defining democracy. <input type="checkbox"/> Understand how different historical processes and forces have promoted democracy. <input type="checkbox"/> Develop a sophisticated defense of democracy against common prejudices. <input type="checkbox"/> Familiarize with basic economic concepts through an imaginary story of a village. 	<ul style="list-style-type: none"> • MAP SKILLS - Mark all the Indian States with their Capitals, Longitude, latitude, Standard Meridian etc. <input type="checkbox"/> Familiarize with the names of people involved, the different types of ideas that inspired the revolution, the wider forces that shaped it. Individual presentation with explanation on any THREE non-democratic countries 	<p>Map, Globe and Chart</p> <p>Newspapers, Correlate with history</p> <p>Newspapers, Correlate with history</p> <p>Power Point Presentation</p>	19

<p style="text-align: center;">May</p>	<ul style="list-style-type: none"> • GEOGRAPHY : India - Size and Location (CONTD.) • HISTORY : The French Revolution (CONTD.) • POLITICAL SCIENCE : What is Democracy ? Why Democracy ? (CONTD.) • ECONOMICS : The Story of Village Palampur. (CONTD.) 	<p style="text-align: center;">Continued..</p>	<ul style="list-style-type: none"> • Write about Cyclones. • Compare and Contrast the village Palampur with any hypothetical village. • Study the work of Jean Jack Rousseau and write how did he influence the people during the outbreak of the French revolution 		<p style="text-align: center;">20</p>
<p style="text-align: center;">June</p>	<ul style="list-style-type: none"> • GEOGRAPHY : Discussion on project. • HISTORY : Socialism in Europe and the Russian Revolution.- Introduction • POLITICAL SCIENCE : Constitutional Design – Introduction 	<ul style="list-style-type: none"> <input type="checkbox"/> The Age of Social Change <input type="checkbox"/> The Russian Revolution <input type="checkbox"/> The February Revolution in Petrograd <input type="checkbox"/> The Global Influence of the Russian Revolution and the USSR <input type="checkbox"/> Understand the process of Constitution making. <input type="checkbox"/> Develop respect for the Constitution and appreciation for Constitutional values. <input type="checkbox"/> Recognize 	<ul style="list-style-type: none"> • Project on any Natural/Human made disaster. 	<p style="text-align: center;">Correlation with Geography and Political Science</p>	<p style="text-align: center;">12</p>

	<ul style="list-style-type: none"> • ECONOMICS : People as Resource - Introduction 	<p>Constitution as a dynamic and living document.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Understand the demographic concepts <input type="checkbox"/> Understand how population can be as asset or a liability for the nation. 	<ul style="list-style-type: none"> • Individual write up on the features that show decentralisation in India 	<p>Flow chart, Newspaper, Power Point Presentation</p> <p>Data based on economic and non-economic activities in our locality</p>	
July	<ul style="list-style-type: none"> • GEOGRAPHY : Physical Features of India. • HISTORY : Socialism in Europe and the Russian Revolution. (CONTD.) • POLITICAL SCIENCE : Constitutional Design (CONTD.) • ECONOMICS : People as Resource (CONTD.) 	<ul style="list-style-type: none"> <input type="checkbox"/> Understand the major landform features and the underlying geological structure; their association with various rocks and minerals as well as nature of soil types. <p>Continued.....</p>	<ul style="list-style-type: none"> • On political map of India locate and label all physical features of India and write their features in 4-5 points each. • Write an article on socio-political conditions and economic events that took place during the Industrial revolution in Europe in 18th century. 	<p>https://www.youtube.com/watch?v=sFSDZMF1Au8</p>	19
August	<ul style="list-style-type: none"> • GEOGRAPHY : Physical Features of India. (CONTD.) • HISTORY : Socialism in Europe and the 	<p>Continued....</p>	<ul style="list-style-type: none"> • Project on Disaster Management • Make a video individually portraying any Indian Freedom Fighter. • Make a collage on the 		18

	Russian Revolution. (CONTD.) • POLITICAL SCIENCE : Constitutional Design (CONTD.) • ECONOMICS : People as Resource (CONTD.)		Indian Constitution.		
September	REVISION & FIRST TERM EXAMINATION				22
October	• GEOGRAPHY : Physical Features of India. - Revision • HISTORY : Socialism in Europe and the Russian Revolution. - Revision • POLITICAL SCIENCE : Constitutional Design - Revision • ECONOMICS : People as Resource –	Revision....	• Project on Disaster Management • Make a video individually portraying any Indian Freedom Fighter. • Make a collage on the Indian Constitution.		15
November	• GEOGRAPHY :	<input type="checkbox"/> Identify the river	• “Revolutions such as French and Russian were	https://www.youtube.com/	20

	<p>Drainage</p> <ul style="list-style-type: none"> • HISTORY : Nazism and the Rise of Hitler • POLITICAL SCIENCE : Electoral Politics • ECONOMICS : Poverty as Challenge 	<p>systems of the country and explain the role of rivers in the human society.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Discuss the critical significance of Nazism in shaping the politics of modern world. <input type="checkbox"/> Get familiarized with the speeches and writings of Nazi Leaders. <input type="checkbox"/> Understand representative democracy via competitive party politics. <input type="checkbox"/> Familiarize with Indian electoral system. <input type="checkbox"/> Reason out for the adoption of present Indian Electoral System. <input type="checkbox"/> Poverty as seen by Social Scientists <input type="checkbox"/> Poverty Estimates <input type="checkbox"/> Vulnerable Groups <input type="checkbox"/> Interstate disparities <input type="checkbox"/> Global Poverty Scenario <input type="checkbox"/> Causes of Poverty <input type="checkbox"/> Anti-poverty measures <input type="checkbox"/> The Challenges Ahead 	<p>results of bloodshed.” - Write a paragraph either in favour/against the statement.</p> <ul style="list-style-type: none"> • Reporting any case study of violation of rights in India using newspaper clippings/video/write- up. 	<p>watch?v=gKU92deX9ws</p> <p>Power Point Presentation</p> <p>Newspapers, google</p> <p>Data based on the schemes launched by the government, Google</p>	
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December	<ul style="list-style-type: none"> • GEOGRAPHY : Climate • HISTORY : Nazism and the Rise of Hitler (CONTD.) • POLITICAL SCIENCE : Working of Institutions • ECONOMICS : Poverty as a Challenge (CONTD) 	<input type="checkbox"/> Identify various factors influencing the climate and explain the climatic variation of our country and its impact on the life of the people. Continued	<ul style="list-style-type: none"> • Quiz on Republic Day. • Use enquiry skills to collect a variety of primary and secondary sources; recognise the difference between fact and fiction. • Make a poster on - River Pollution <input type="checkbox"/> Get an overview of central governmental structures. <input type="checkbox"/> Distinguish between political and permanent executive authorities and functions. 	https://www.youtube.com/watch?v=fHm4fD9lVrQ Newspapers, Magazine	22
January	<ul style="list-style-type: none"> • GEOGRAPHY : Natural Vegetation and Wildlife. • HISTORY : Nazism and the Rise of Hitler (CONTD) • POLITICAL SCIENCE : Democratic Rights. 	<input type="checkbox"/> Explain the nature of diverse flora and fauna as well as their distribution. <input type="checkbox"/> Develop concern about the need to protect the biodiversity of our country. Continued..... <input type="checkbox"/> Recognize the need for rights in one's life. <input type="checkbox"/> Understand the availability /access of rights in a democratic system/government. <input type="checkbox"/> Identify and be able to comprehend the Fundamental Rights given by the Indian Constitution to its citizens.	<ul style="list-style-type: none"> • Concept map of "Fundamental Rights." • Through appreciation skills empathise with the people who were either affected by the revolutions/holocaust. 	https://www.youtube.com/watch?v=wyO7KvjMdfM Newspapers, Magazine, YouTube Channels	15
February	REVISION & FINAL TERM EXAMINATION			20	

PHYSICS

MONTHS	CHAPTERS NAME	CONTENT/TOPICS	METHODOLOGY/ACTIVITIES	LEARNING OUT COMES	WORKING DAYS
April	Motion	Motion, Uniform and Non-uniform motions, Speed, Velocity, Acceleration, Graphical representation of motion. Equations of motion, Uniform circular motion and numerical.	Lecture method Audio- Visual Demonstration Discussion Discussion on different examples	students will be able to answer: What is situation of motion and rest position? What is uniform and non-uniform motion.	19
May	Force and Laws of Motion	Balanced and Unbalanced forces, Three laws of motion, Inertia, Conservation of momentum.	Promote student discussion and group activities. Help students experience science in varied, interesting, and enjoyable ways.	Students will be able to answer: What the three Laws Of Motion.	20
June	Force and Laws of Motion (CONT.)	Conservation of momentum. numerical	Assess student understanding at frequent intervals throughout the learning process.	The students will be able to: Express the motion of body in acceleration and deceleration conditions.	12
July	Gravitation	Gravitation, Universal law of gravitation, Free fall, Value of g, Mass, Weight, Weight of an object on the moon. Pressure.	Lecture method Demonstration Discussion	students will be able to explain: What is the function of Gravitational force.	19

August	Work and Energy	Power, work, energy, K.E, P.E, laws of conservation of energy, Commercial unit of energy. Numerical.	Discussion on different examples By Discussion and taking oral test. By activity By Play way(small project)	Students will be able to explain what is conservation?	18
September	REVISION & FIRST TERM EXAMINATION				22
October	Sound	Wave motion and its types, production, Propagation, Reverberation.	By giving example Lecture Discussion Method Ensure students attention span is maintained	Students will be able to answer : How sound travels in medium	15
November	Sound (CONT.)	Characteristics of Reflection of sound, Echo, reverberation.	By Discussion By audio-visual By activity	How mobiles works.	20
December	Sound (CONT.)	Ultra sound and its application	Discussion on different examples	How birds and bats other animals can communicate.	22
January	REVISION & PRACTICALS				15
February	REVISION & FINAL TERM EXAMINATION				20

CHEMISTRY

MONTHS	TOPIC	METHODOLOGY	LEARNING OUTCOME	WORKING DAYS
April	Is Matter Around Us Pure Pure and Impure substances Elements and compounds and mixtures	With the help of some live examples from their everyday life children would be made aware about pure and impure substances .	To make the students aware about Metals , non -metals and metalloids , Mixtures , Compounds Types of mixtures,	19
May	Heterogeneous and homogenous mixtures colloids and suspensions.	Active learning is facilitated through students' activities and by promoting student engagement in preparing the mixtures by themselves in the labs /home.	To give them practice for solving the numerical problems based on concentration percentage.	20
June	Atoms and molecules Atoms and molecules Law of constant proportions	Activities can be organized in classroom sessions where a group of students can take the role of atoms or molecules to study a chemical reaction or they can represent a scientist group to demonstrate the particular scientist's laws.	Law of Students will learn the formation of Chemical formulae. they will also be able to learn	12
July	Mole concept Relationship of mole to mass of the particles and numbers	With the help of flow charts students would be taught about the mole concept	They will understand to make the formula, and ions , they would solve the numericals based on Mole concept,	19
August	Relationship of mole to mass of the particles and numbers + Revision			18
September	REVISION & FIRST TERM EXAMINATION			22
October	Structure of atom Electrons, protons and neutrons Valency	Projects based on integral art which would be a group activity that helps students to showcase the application side of what they learnt through theory. This method involves choosing the idea, building a plan, executing the plan and finally evaluating it. When students pass through these stages, they can improve their skills to express ideas, problem solving, overcoming the challenges, team work and self assessment. By	Students will learn about the nature of electron proton and neutron. They will understand the structure of atom Integral art learning project involves choosing the idea,	15

		<p>using the tools of Multimedia Approach, Video clips ,Power Points/ science fairs/ role play to /or by science songstopromote students interest in the subject as well as to evaluate their level of understanding.</p> <p>Or a competition, students can be given a time frame to answer a question or perform a task through a range of experiments and research. They showcase the output in the form of reports, display board, or as models.</p>	<p>building a plan, executing the plan and finally evaluating it. When students pass through these stages, they can improve their skills to express ideas, problem solving, overcoming the challenges, team work and self assessment.</p>	
November	<p>Chemical formula of common compounds Isotopes and Isobars</p>	<p>Puzzles based on ions and formulas can be given to solve . It refers to understanding science step-by-step through the discovery process and involves the collection and processing of data, debugging and explaining it through intriguing puzzles, structured hands-on activities and right presentation of information. The conceptually difficult or counter-intuitive topics are better handled with this approach.</p>	<p>Students will learn the use of isotopes</p>	20
December	<p>Chemical formula of common compounds</p>	<p>The conceptually difficult or counter-intuitive topics are better handled with this approach</p>		22
January	Isotopes and Isobars & Revision			15
February	REVISION & FINAL TERM EXAMINATION			20

BIOLOGY

MONTH	TOPIC	METHODOLOGY	LEARNING OUTCOME	WORKING DAYS
April	Cell/Shape and size of cell, types of cell, structure of cell Diffusion and osmosis Prokaryotic and eukaryotic cell, Plant and animal Cell, Cell organelle	Lecture method Audio- Visual Demonstration Discussion Promote student discussion and group activities. Help students experience science in varied, interesting, and enjoyable ways. Assess student understanding at frequent intervals throughout the learning process.	After completing this chapter, the learners will be able to: Explain Why we have different shape and size of the cell in the body. Important role of diffusion and osmosis in daily life Able to differentiate between prokaryotes and eukaryotes and plant and animal cell.	19
May	Tissue/ Plant tissue	Make connections to current events and everyday phenomena. Consider using slides, videos, films and computer simulations to enhance presentations.		20
June	Animal tissue epidermal	Discussion By giving example Lecture Discussion Method Ensure students attention span is maintained	After reading this chapter the learners will be able to: 1. Describe organisation of Epidermal cell	12
July	Connective Tissue, Muscular, Nervous tissue	By Discussion By audio-visual By activity Learning by teaching By flow chart	. Identify the common properties of muscle and their tissue level. 3. Characteristics feature of four basic tissue and their location.	19
August	Revision of Ch.- Cell and Tissue	By Discussion and taking oral test.	Students are able to give answer of questions from cell and tissue	18

		By activity By Play way Learning by teaching		
September	REVISION & FIRST TERM EXAMINATION			22
October	Integrated learning of Science.	Role play on different topic by Students to show the Importance of Science. To survey the neighbourhood for persons suffering from and chronic disease	Students enjoy by role play and learn the concept easily.	15
November	Health and Disease	Begin the lesson by asking your students if they have ever had a cold or the flu.	Describe different types of diseases.	20
December	Principle of treatment of infectious diseases	By Discussion. By showing Presentation.	Identify different types of diseases Describe basic information about some common diseases	22
January	Antibiotics Principle of Treatment Principles of Prevention	By research method, where student find out about different antibiotics by them self and then discuss in class.	Students will get to know the importance of antibiotics.	15
February	REVISION & FINAL TERM EXAMINATION			20

INFORMATION TECHNOLOGY

MONTH	TOPIC	METHODOLOGY	LEARNING OUTCOME	WORKING DAYS
April	Fundamental of Computers	Identifying the Name of the parts.	Students easily Recognized the parts of Hardware. Students understand the working of every part.	19
May	Fundamental of Computers	PPT making on Parts of Computer & its uses.		20
June	Fundamental of Computers	Online Test Activity on Fundamental of Computers.		12
July	Spreadsheet	Preparation of Hotel Bill in MS-Excel with required formulas.	Students start making the calculations sheets for various purposes like Bill, Result etc. Students understand the need and use of freezing, filters, sorting, Functions, Charts etc in Excel sheet to make work easier, faster and meaningful.	19
August	Spreadsheet, Digital Presentation	Online Test Activity on MS-Excel PPT making on CORONA VIRUS by using advanced features of PowerPoint like- Custom Show, Animation etc.	Students will learn to make the PPT with all advanced features. Students learn to apply animations, background effects, custom show etc to make presentation effective and meaningful.	18
September	REVISION & FIRST TERM EXAMINATION			22
October	Digital Presentation , Word Processing	Online Test Activity on PowerPoint Making a Report of Medical Services Availability in India (<u>MIZORAM, ARUNACHAL & UP</u>) with all required figures and charts.	Students learn to do Mail Merging with data in Excel, table making, shapes making, design, layout etc to do work faster and good looking.	15
November	Word Processing	Online Test Activity on Ms-Word		20
December	Email Messaging	Create Email Id and Compose an Email to the Ministry of Medicines paying worries on Corona Attack & its affect on peoples of India.	Students learn to create ID, drafting with or without attachment, deleting, reply, reply all, forwarding, forwarding all, signature etc. Students will learn to secure email account with passwords and take care of various threats of Internet while using Email.	22
January	Mastering Typing	Conducting a Online Test Letter Writing (Dictating by teacher) test to test Speed of the Writer.*Best speed recorded was 212 words per minute(WPM) in 2005	Students typing will increase and they will learn to use the keyboard in an effective way.	15
February	Functional English (Basic)	Letter writing on Importance of IT in daily life. REVISION & FINAL TERM EXAMINATION	Students will learn about English terms, phrases etc to do effective communication over network.	20