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PREFACE

Learning should stimulate and sustain the child's interest and should be a joy. We have designed a syllabus that enables the child to acquire language competency, a systematic organisation of ideas, to develop his / her creative imagination and independent thinking.

Through this new thematic / integrated approach, the child explores his / her environment in greater depth.

In the thematic approach, a concept does not end with the lesson. The child looks at it from all aspects – the scientific, the ecological and from the point of view of social studies. The child studies his environment and understands it as best as he can. He investigates, explores and observes. Science and Social Studies cease to be separate entities. The child understands that they are inter-related. One cannot exist without the other.

Making Maths a part of this means that Maths is no longer boring numbers. It is used in everyday life. Numbers become real and meaningful.

Language skills are learnt as the child learns to master the above mentioned concepts.

ENGLISH

LEARNING OBJECTIVES :

1. The Interactive or the Communicative Approach enables the student to use the language fluently, correctly and confidently, in real life situations.
2. Since teaching is done in a lively and an activity based atmosphere and where pair-work and group work is encouraged, the child develops his reasoning power and learns to air his views with confidence.
3. By reading the text, articles and unseen passages, the child develops his comprehending power and learns to understand minute details which he comes across.
4. His imagination and the capacity of writing well, increases as he learns to do Creative Writing, Article Writing and Notice Writing, Poster Making, etc.
5. Teaching of English ultimately leads to the development of the four Language skills namely.

L - Listening, S - Speaking, R - Reading, W - Writing

Text Book : English Course (Communicative) Literature Reader Class X

The Diary of a Young Girl by Anne Frank

MONTH	MCB	LITERATURE	GRAMMAR	ACTIVITIES
April	Unit 1 Health and Medicine	<ol style="list-style-type: none">1. Two Gentlemen of Verona2. The Frog and The Nightingale	<ol style="list-style-type: none">1. Determiners2. Tenses3. Non-Finite, Finite Verb4. Sub.-Verb Concord5. If Conditional	<ul style="list-style-type: none">• Informal Letter• Letter to the Editor• E-mail

MONTH	MCB	LITERATURE	GRAMMAR	ACTIVITIES
May	Unit 1 Health and Medicine (contd.)	1. The Letter	1. Subject verb agreement	<ul style="list-style-type: none"> • Diary Entry • Message Writing
July	Unit 2 Education	1. Mrs. Packletide's Tiger 2. The Mirror	1. Non finites 2. Relatives	<ul style="list-style-type: none"> • Speech Writing • Biographical Sketch • Notice Writing
August	Unit 3 Science	1. The Dear Departed 2. Not Marble, Nor The Gilded Monuments	1. Reported Speech	<ul style="list-style-type: none"> • Article Writing • Process Writing • Description of Events and People • Advertisement Writing • Story Writing
September	Revision	Revision	Revision	Revision
October	Unit 4 Environment	1. A Shady Plot 2. Ozymandias	1. Modals 2. Prepositions	<ul style="list-style-type: none"> • Formal Letter • Newspaper Report Writing

MONTH	MCB	LITERATURE	GRAMMAR	ACTIVITIES
November	Unit 4 Environment (contd.)	1. Julius Caesar	1. Voice	<ul style="list-style-type: none"> • Writing Instructions • Poster Making
December	Unit 5 Travel and Tourism	1. Patol Babu 2. The Rime of the Ancient Mariner	1. Connectors 2. Conditionals	<ul style="list-style-type: none"> • PPT to be made by students • Dialogue Writing • Data Interpretation • Report to the Director
January	Unit 5 National Integration	1. Virtually True 2. Snake	1. Integrated Exercises 2. Dialogue Completion	<ul style="list-style-type: none"> • Diary Writing • Debate • Writing a film review

- **FAT 1** Individual Group **April - May** : Reading, Collage based on Unit : 1 (MCB)
- **FAT 2** Individual Group **July - August** : Global Times H.W., Book Review, Role Play
- **FAT 3** Individual Group **October - November** : JAM, Road Show
- **FAT 4** Individual Group **December - January** : PPT, ADZAP

पाठ्यपुस्तकें : स्पर्श भाग - 2, संचयन भाग - 2
व्याकरण दर्शिका

मास	साहित्य एवं संचयन के पाठ एवं कविताएँ	व्याकरण	रचनात्मक कार्य
अप्रैल	<ul style="list-style-type: none"> बड़े भाई साहब + पाठाधारित मुहावरे एवं लोकोक्तियों का वाक्य-प्रयोग साखी 	<ul style="list-style-type: none"> शब्द - पद - पदबंध पद - परिचय 	<ul style="list-style-type: none"> अनुच्छेद - लेखन (समसामयिक विषय पर, संकेत - बिंदुओं पर आधारित)
मई	<ul style="list-style-type: none"> हरिहर काका + पाठाधारित मुहावरे एवं लोकोक्तियों का वाक्य-प्रयोग 	<ul style="list-style-type: none"> पद - परिचय 	<ul style="list-style-type: none"> पत्र - लेखन
जुलाई	<ul style="list-style-type: none"> डायरी का एक पन्ना + पाठाधारित मुहावरे एवं लोकोक्तियों का वाक्य-प्रयोग मीरा के पद तताँरा - वामीरो - कथा + मुहावरे एवं लोकोक्तियाँ 	<ul style="list-style-type: none"> मिश्र एवं संयुक्त वाक्य - रूपांतरण एवं भेद - पहचान स्वर संधि 	<ul style="list-style-type: none"> अनुच्छेद - लेखन औपचारिक पत्र
अगस्त	<ul style="list-style-type: none"> पर्वत प्रदेश में पावस • तोप तीसरी कसम के शिल्पकार : शैलेंद्र + पाठाधारित मुहावरे एवं लोकोक्तियों का वाक्य-प्रयोग 	<ul style="list-style-type: none"> समास (कर्मधारय एवं तत्पुरुष) 	<ul style="list-style-type: none"> अपठित गद्यांश अपठित काव्यांश

मास	साहित्य एवं संचयन के पाठ एवं कविताएँ	व्याकरण	रचनात्मक कार्य
सितम्बर	पुनरावृत्ति कार्य + प्रयोगात्मक गतिविधियाँ + प्रथम सत्रीय परीक्षा		
अक्टूबर	<ul style="list-style-type: none"> • बिहारी के दोहे • गिरगिट + पाठाधारित मुहावरे एवं लोकोक्तियों का वाक्य-प्रयोग 	<ul style="list-style-type: none"> • अशुद्धि शोधन (वाक्यगत) • वाक्य – पुनरावृत्ति • पद – परिचय – पुनरावृत्ति 	<ul style="list-style-type: none"> • औपचारिक पत्र
नवम्बर	<ul style="list-style-type: none"> • अब कहाँ दूसरों के दुःख में दुःखी होने वाले + पाठाधारित मुहावरे एवं लोकोक्तियों का वाक्य-प्रयोग • मनुष्यता • सपनों के-से दिन + पाठाधारित मुहावरे एवं लोकोक्तियाँ 	<ul style="list-style-type: none"> • पदबंध – पुनरावृत्ति • स्वर संधि – पुनरावृत्ति 	<ul style="list-style-type: none"> • अनुच्छेद – लेखन
दिसंबर	<ul style="list-style-type: none"> • मधुर-मधुर मेरे दीपक जल • कर चले हम फ़िदा..... 	<ul style="list-style-type: none"> • तत्पुरुष एवं कर्मधारय समास – पुनरावृत्ति • स्वर संधि – पुनरावृत्ति • वाक्य – पुनरावृत्ति 	<ul style="list-style-type: none"> • अपठित काव्यांश • अपठित गद्यांश

मास	साहित्य एवं संचयन के पाठ एवं कविताएँ	व्याकरण	रचनात्मक कार्य
जनवरी	<ul style="list-style-type: none"> पतझड़ में टूटी पत्तियाँ (i) गिन्नी का सोना (ii) झेन की देन कारतूस आत्मत्राण पाठाधारित मुहावरे एवं लोकोक्तियाँ 	<ul style="list-style-type: none"> मिश्र एवं संयुक्त वाक्य, वाक्य – रूपांतरण – पुनरावृत्ति 	<ul style="list-style-type: none"> अपठित काव्यांश अपठित गद्यांश
फरवरी	<ul style="list-style-type: none"> टोपी शुक्ला पुनरावृत्ति कार्य – व्याकरण एवं साहित्य पर आधारित + प्रयोगात्मक गतिविधियाँ 		

नोट – अग्रलिखित प्रयोगात्मक गतिविधियाँ शिक्षण-कार्य के साथ-साथ कक्षा में ही समय-समय पर करवाई जाएँगी। अतः विद्यार्थियों से अनुरोध है कि वे प्रयोगात्मक गतिविधियों की इस योजना के अनुरूप तैयारी करें। प्रत्येक गतिविधि के समक्ष उनके लिए निर्धारित अंकों का विवरण भी दिया गया है।

हिन्दी-प्रयोगात्मक गतिविधियाँ

FA – 1

- प्रथम इकाई परीक्षा (30)
- पाठ 'हरिहर काका' – वाचन एवं बहुविकल्पीय परीक्षा (10+10=20) (गतिविधि – I)
- ग्रीष्मावकाश गृहकार्य (10)
- परियोजना कार्य – पाँच भारतीय महापुरुष (गतिविधि – I) (10), मीरा के पदों का वाचन (10)

FA – 2

- द्वितीय इकाई परीक्षा (30) • संभाषण (10)
- पाठ 'ततौरा-वामीरो कथा' पर आधारित श्रवण-कौशल-परीक्षा – (बहुविकल्पीय प्रश्न) (20) (गतिविधि – I)
- पोस्टर बनाना (10) • भारतीय संस्कृति पर आधारित 5 फिल्मी गीतों का संकलन (10) • कहानी वाचन (10)
- स्वपरिचय – (सामान्य एवं विशिष्ट परिचय – रुचियाँ, पसंद-नापसंद, जीवन का लक्ष्य तथा लक्ष्य-प्राप्ति के लिए किए जा रहे प्रयास आदि महत्त्वपूर्ण बिंदु) (20) (गतिविधि – II) • भारतीय संस्कृति पर आधारित 5 फिल्मी गीतों का संकलन (10) • स्वतंत्रता संग्राम में महिलाओं की भूमिका (Collage) (10) • कक्षा-परीक्षा – मुहावरे एवं लोकोक्तियों (पाठाधारित), का वाक्य प्रयोग एवं तत्पुरुष-कर्मधारय समास पर आधारित (10)

FA – 3

- तृतीय इकाई परीक्षा (30) • वर्ग पहेली (मुहावरे) (10)
- कर चलें – कविता का सार लेखन (10)
- कविता कंठस्थ करके वाचन (मनुष्यता / मधुरमधुर मेरे दीपक जल) (गतिविधि – II) (20)
- कविता लेखन तथा वाचन (10+10)
- कक्षा-कार्य एवं गृहकार्य का अंकन (10)

FA – 4

- चतुर्थ इकाई परीक्षा (30)
- कविता-वाचन अथवा कविता का सार-वाचन – आत्मत्राण / कर चले हम फ़िदा... (20) (गतिविधि – I)
- पाठ 'टोपी शुक्ला' पर आधारित बहुविकल्पीय प्रश्न – परीक्षा (20) (गतिविधि – II)
- कक्षा-परीक्षा – स्वर संधि, पदपरिचय एवं अशुद्ध वाक्यों के शोधन पर आधारित (10)
- गाँधी जी के जीवन पर आधारित PPT परियोजना कार्य (10) • कविता का सार लेखन/वाचन (10)
- अपने बचपन की कोई घटना, फोटो सहित (10)
- पाठोपरांत कहानी का नवीन अंत (10)

MATHEMATICS

1. Class X – NCERT
2. Class X – By R. S. Agarwal

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
April	<ul style="list-style-type: none">• Real Numbers• Polynomials• Linear Equations in Two Variables	<ul style="list-style-type: none">• Euclid's division lemma /algorithm and fundamental theorem of arithmetic.• To prove $\sqrt{2}$, $\sqrt{3}$ and $\sqrt{5}$ etc. are irrational numbers.• LCM and HCF of two numbers ; word problems.• Linear, Quadratic and Cubic polynomials.• Geometrical meaning of zeroes of a polynomial.• Relation Between zeroes and co-efficients of a given polynomial.• Graphical method and algebraic method of solving linear equations• Algebraic Methods	<ul style="list-style-type: none">• To obtain the conditions for consistency of linear equations in two variables by graphical method.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
May	<ul style="list-style-type: none"> Linear Equations in Two Variables (contd.) Statistics 	<ul style="list-style-type: none"> Equations reducible to linear equation form. Solution of word problems. 	
July	<ul style="list-style-type: none"> Statistics (Contd.) Trigonometry 	<ul style="list-style-type: none"> Means, Median and Mode of grouped data. Ogive - graphical representation of cumulative frequency distribution. Introduction Trigonometry ratios of 0°, 30°, 45°, 60° and 90°. Trigonometry ratios of some specific angles Trigonometry ratios of complimentary angles. 	<ul style="list-style-type: none"> Cumulative Frequency Curve To verify the Trigonometric identity $\sin^2 \theta + \cos^2 \theta = 1$
August	<ul style="list-style-type: none"> Similar Triangles 	<ul style="list-style-type: none"> Similarity of Figures Criteria for Similarity BPT and Pythagoras Theorem 	<ul style="list-style-type: none"> Basic proportionality theorem. Ratio of the Area of Similar Triangles.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
September	Revision for the 1st Term		
October	<ul style="list-style-type: none"> Quadratic Equations 	<ul style="list-style-type: none"> Introduction Solution of Quadratic Equations Word Problems 	<ul style="list-style-type: none"> Investigatory Problem
November	<ul style="list-style-type: none"> Arithmetic Progression Circles Geometrical Constructions 	<ul style="list-style-type: none"> Introduction nth term of an AP Sum of n terms of an AP. Concept of Secant and Tangents. Theorems Construction of Similar Triangles Construction of Tangents 	<ul style="list-style-type: none"> A.P. <ul style="list-style-type: none"> (i) Verification (ii) Sum of n terms To determine the area of the secant of a circle. Relation between tangents drawn from external point.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
December	<ul style="list-style-type: none"> • Area related to Circles • Surface Area and Volume 	<ul style="list-style-type: none"> • Areas related to Circular Shapes • Surface Area and Volume of combination of Solids • Frustum of a Cone 	<ul style="list-style-type: none"> • Surface Area and Volume of : (i) Cylinder (ii) Cone • Data Handling
January	<ul style="list-style-type: none"> • Trigonometry Applications • Co-ordinate Geometry • Probability 	<ul style="list-style-type: none"> • Heights and Distances • Some applications of trigonometry including examples from daily life. • Distance Formula • Section Formula • Experimental Probability 	<ul style="list-style-type: none"> • Quiz • Verification of distance formula • Surface Area and Volume of Frustum of a Cone
February	Revision for 2nd Term		

PHYSICS

Science Textbook for Class X (NCERT)

Practicals : MCQ on Practical Skills in Science – APC Publications

Question Bank on Assessment of Practical Skills in Science

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
April - May	<ul style="list-style-type: none"> ■ Electricity 	<ul style="list-style-type: none"> • Potential difference and electric current. • Ohm's law, resistance, resistivity, factors, on which resistance depends, series and parallel combination of resistors and its applications in daily life. • Heating effect of current and its applications. 	1. To study the dependence of current on potential difference across a resistor and determine its resistance. Also plot a graph between V and I.
July	<ul style="list-style-type: none"> ■ Electricity (contd.) ■ Magnetic effects of current 	<ul style="list-style-type: none"> • Power dissipation due to current. Inter relation bet. P, V, I and R. • Magnetic field, field lines, field due to a current carrying wire, field due to current carrying coil or solenoid; force on current carrying conductor. Fleming's left hand rule. 	

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
August	<ul style="list-style-type: none"> ■ Magnetic effects of current (contd.) ■ Sources of Energy 	<ul style="list-style-type: none"> • Electromagnetic induction. • Induced potential difference. • Induced current, Fleming's right hand rule, Direct current, Alternating current. Frequency of AC, Advantage of AC over DC. Domestic electric circuits. • Different forms of energy, Conventional and non conventional sources leading to different sources for human use, fossil fuels, solar energy, biogas, wind, water and tidal energy, nuclear energy, renewable versus non renewable sources. 	1. To determine the equivalent resistance of two resistors when connected in : (a) Series (b) Parallel
September	Revision + First Term Exams.		
October	<ul style="list-style-type: none"> ■ Light - Reflection and Refraction 	<ul style="list-style-type: none"> • Reflection of light of curved surface • Images formed by spherical mirrors, related concepts centre of curvature, principal axis, optic centre focus and focal length, mirror formula (derivation not required), magnification 	1. To determine the focal length of a : (a) Concave mirror (b) Convex lens by obtaining the image of a distant object.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
November	<ul style="list-style-type: none"> ■ Light - Reflection and Refraction (contd.) 	<ul style="list-style-type: none"> • Refraction of light, Laws of refraction. Refractive Index • Images formed by spherical lenses. • Power of a lens • Lens formula (derivation not required), magnification. • Applications of spherical mirrors and lenses. 	1. To trace the path of light through a glass slab for different angles of incidents. Measure $\angle i$, $\angle r$ and $\angle e$ and interpret the result.
December	<ul style="list-style-type: none"> ■ The Human Eye and the Colourful World 	<ul style="list-style-type: none"> • Human Eye. • Functioning of a lens in human eye. • Problems of vision and remedies. • Refraction of light through a prism. 	
January	<ul style="list-style-type: none"> ■ The Human Eye and the Colourful World (contd.) 	<ul style="list-style-type: none"> • Dispersion of light, scattering of light, applications in daily life. 	
February	Revision and 2nd Term Exams.		

CHEMISTRY

Science Textbook for Class X (NCERT)

Practicals : MCQ on Practical Skills in Science – APC Publications

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
March - April	Chapter - 1 Chemical Reactions and Equations	<ol style="list-style-type: none"> 1. Chemical Change - Definitions and examples 2. Characteristics of Chemical reactions 3. Chemical equations 4. Types of chemical reactions <ul style="list-style-type: none"> • Combination Reaction • Decomposition Reaction • Displacement Reaction • Double Displacement Reaction • Oxidation and Reduction 	Exp. No. : 1 <ul style="list-style-type: none"> • To study the following types of reactions : <ol style="list-style-type: none"> (a) $\text{CaO} + \text{H}_2\text{O}$ (b) $\text{Fe} + \text{CuSO}_4$ (c) $\text{Na}_2\text{SO}_4 + \text{BaCl}_2$ (d) Heating of FeSO_4 crystals
May		<ol style="list-style-type: none"> 5. Corrosion 6. Rancidity 	

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
July	Chapter - 2 Acids, Bases and Salts	<ol style="list-style-type: none"> Definition of acids and bases with examples. Reaction of acids and bases with : <ul style="list-style-type: none"> Metals Metal carbonates Metal oxides / non metal oxides Each other Ionisation of acids and bases. Strength of acids and bases. pH and its importance. Some common salts and their uses : NaCl, NaOH, CaOCl₂, NaHCO₃, Na₂CO₃, CaSO₄ · $\frac{1}{2}$ H₂O 	<p>Exp. No. : 2</p> <ul style="list-style-type: none"> To study the properties of acids and bases, HCl and NaOH by their reaction with : <ol style="list-style-type: none"> Litmus solution Zinc metal Na₂CO₃ <p>Exp. No. : 3</p> <ul style="list-style-type: none"> To find the pH of the following samples by using pH paper : <ol style="list-style-type: none"> dil. HCl dil. NaOH dil. CH₃COOH solution Lemon juice Water dil. NaHCO₃ solution

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
August	Chapter - 3 Metals and Non-Metals	<ol style="list-style-type: none"> Physical properties of metal and non-metals. Chemical properties of metals and non-metals. Reactivity series Ionic Bonding Extraction of metals - general metallurgy. Corrosion and its prevention 	<p>Exp. No. : 3 (Contd.)</p> <p>Exp. No. : 4</p> <ul style="list-style-type: none"> To observe the action of Zn, Fe, Cu, Al metal on the following : <ol style="list-style-type: none"> ZnSO_4 (aq) FeSO_4 (aq) CuSO_4 (aq) $\text{Al}_2(\text{SO}_4)_3$ (aq)
September	Revision and 1st Term Exams.		
October	Chapter - 4 Carbon and Its Compounds	<ol style="list-style-type: none"> Covalent Bonding The Unique Carbon Atom Saturated and unsaturated carbon compounds. Types of carbon compounds Homologous series 	

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
November	Chapter - 4 Carbon and Its Compounds (Contd.)	6. Nomenclature 7. Chemical properties of carbon compounds – combustion, oxidation, addition, substitution. 8. Properties of ethanol and ethanoic acid. 9. Soaps and detergents.	Exp. No. : 5 <ul style="list-style-type: none"> To study the following properties of acetic acid : <ul style="list-style-type: none"> (a) Odour (b) Solubility in water (c) Effect on litmus
December - January	Chapter - 5 Periodic Classification of Elements	1. Early attempts 2. Dobereiner Triad and Newland law of Octaves 3. Mendeleev's periodic table 4. Modern Periodic table 5. Gradation in properties <ul style="list-style-type: none"> Valency Atomic size Metallic & non-metallic nature 	Exp. No. : 5 (Contd.)
February	Revision		

BIOLOGY

Science Textbook for Class X (NCERT)

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
April - May	<ul style="list-style-type: none">Life Processes	(a) Nutrition (b) Respiration	<ul style="list-style-type: none">To make a temporary mount of leaf peel to show stomata.
July	<ul style="list-style-type: none">Life Processes	(a) Transportation (b) Excretion	<ul style="list-style-type: none">To prove that CO_2 is released during Photosynthesis.
August	<ul style="list-style-type: none">Control and Coordination	(a) Nervous System (b) Coordination in Plants (c) Endocrine system in Animals	<ul style="list-style-type: none">To prove that sunlight is necessary for photosynthesis.
September	First Term Exams		
October	<ul style="list-style-type: none">Reproduction	(a) Reproduction in Plants (b) Reproduction in Animals	

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
November	<ul style="list-style-type: none"> • Heredity and Evolution 	Genetics	<ul style="list-style-type: none"> • To see permanent slides showing binary fission in amoeba and budding in yeast.
December	<ul style="list-style-type: none"> • Heredity and Evolution 	Evolution	
January	<ol style="list-style-type: none"> 1. Our Environment 2. Management of Natural Resources 	<ol style="list-style-type: none"> 1. Our Environment 2. Conservation of forests 3. Conservation of water 4. Case studies related to conservation of Natural Resources 	
February	Revision		

SOCIAL SCIENCE

LEARNING OBJECTIVES :

1. Show concern about world affairs and India's role in world affairs.
2. Understand the value of resources and the need for their judicious utilization and conservation.
3. Understand the role of trade in the economic development of a country and analyse the changing patterns.
4. Understand the relationship between allocation of resources and decision making.
5. Realise the inter - relationship among population, poverty and unemployment.
6. Reflect upon India's efforts in maintaining peace within and outside the country and towards framing a cohesive global society.
7. Make the students understand the importance of India's struggle for Independence.

HISTORY

Book : India and the Contemporary World - II

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
April - May	Ch. - 5 Age of Industrialization 1850s - 1950s	<ul style="list-style-type: none">• Contrast between India and Britain• Livelihood of workers	<ul style="list-style-type: none">• Role Play• Debate• Class Discussions
July	Ch. - 7 Print Culture And The Modern World	<ul style="list-style-type: none">• The First Printed Books• Print comes to Europe• Print Revolution and its impact• India and the world of print• New forms of publication• Print and censorship	<ul style="list-style-type: none">• Source Analysis• Quiz• Class Interaction
September	1st Term Examination		

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
November - December	Ch. - 2 Nationalism In Indo - China	<ul style="list-style-type: none"> • French colonialism in Indo - China • Ideas of Phan Boi Chau • America and the second Indo China War 	<ul style="list-style-type: none"> • Map work • Comparative Studies • Source Analysis • Symbols / Pictures
January	Ch. - 3 Nationalism in India	<ul style="list-style-type: none"> • Non-Cooperation Movement • Towards Civil Disobedience • Sense of Collective Belonging 	<ul style="list-style-type: none"> • Web Charts / Time Lines • Discussion and Comparison • Source Study
February	2nd Term Examination		

POLITICAL SCIENCE

Book : Democratic Politics - II

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
April	Ch. - 1 Power Sharing	<ol style="list-style-type: none">1. Belgium and Sri Lanka2. Majoritarianism3. Accommodation in Belgium4. Forms of power sharing	<ul style="list-style-type: none">• Quiz
May	Ch. - 2 Federalism	<ol style="list-style-type: none">1. What is Federalism ?2. Features of Federalism3. India and Federalism4. Decentralisation in India	<ul style="list-style-type: none">• Class Interaction
July	Ch. - 3 Democracy and Diversity	<ol style="list-style-type: none">1. Story from Mexico Olympics2. Origins of Social Differences3. Types of Differences4. Three Determinants	<ul style="list-style-type: none">• Story of the Mexican Olympics

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
August	Ch. - 4 Gender, Religion and Caste	1. Gender and politics 2. Religion, communalism and politics 3. Caste and politics	
September	1st Term Examination		
October	Ch. - 5 Popular struggles and Movements	1. Popular struggles in Nepal and Bolivia 2. Mobilisation and organisation 3. Pressure groups and movements	<ul style="list-style-type: none"> • Discussion on role of monarchy in Nepal.
December	Ch. - 6 Political Parties	1. Why do we need political parties ? 2. How many parties should we have ? 3. National political parties 4. State parties 5. Challenges to political parties 6. How can parties be reformed ?	<ul style="list-style-type: none"> • Discussion on role of political parties in Uttar Pradesh, Bihar.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
January	Ch. - 7 Outcomes of Democracy	<ol style="list-style-type: none"> 1. Assessment of democracy's outcomes. 2. Accountable, responsive and legitimate government. 3. Economic growth and development 4. Reduction of inequality and poverty 5. Accommodation of social diversity 6. Dignity and freedom of the citizens 	
	Ch. - 8 Challenges to Democracy	<ol style="list-style-type: none"> 1. Thinking about challenges 2. Different contexts, different challenges 3. Different types of challenges 4. Thinking about political reforms 	<ul style="list-style-type: none"> • Discussion on students perception of challenges of 'Democracy' and how to overcome them.
February	2nd Term Examination		

GEOGRAPHY

Book : Contemporary India (NCERT)

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
April - May	Lesson - 1 • Resources and Development	1. What are resources ? 2. Classification of resources. 3. Development of resources. 4. Resource planning and conservation 5. Land Resources • Land use pattern • Land degradation • Conservation	1. Map of soils of India. 2. Pie Diagrams - 1.3, 1.4, 1.5 3. Diagram of soil profile 4. Worksheet
July	Lesson - 2 • Forests and Wildlife	1. Uses of Forests 2. Uses of Wildlife 3. Causes for depletion of flora and fauna 4. Steps to conserve forests and wildlife 5. Classification of forests : (a) Reserved forests (b) Protected forests (c) Unclassed forests 6. Community and Conservation 7. Project Tiger 8. Joint Forest Management	1. Power Point Presentation

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
August - September	Lesson - 4 • Agriculture (Contd.)	3. Major crops <ul style="list-style-type: none"> • Rice, Wheat, Maize, Mullets • Sugarcane, Tea, Coffee, Jute, Cotton, Rubber, Fruits, Vegetables etc., Oil seeds 4. Technological and Institutional reforms and their impact. 5. Contribution of agriculture to natural economy - employment and output	<ul style="list-style-type: none"> • Map of major food crops. • States of different crops - CBSE list. Sugarcane, tea, coffee, rubber, cotton, jute, millets and maize
	Revision and Exams		
October - November	Lesson - 5 • Mineral and Energy Resources	1. What are minerals ? Ores, types 2. Mode of occurrence 3. Ferrous, Non-ferrous, Non-metallic minerals, Rock minerals 4. Energy sources : Conventional and non-conventional 5. Conservation of Energy Resources	1. Map : Distribution of minerals as per CBSE list 2. Map : Power plants 3. Diagram : 5.2, 5.4, 5.6, 5.9 4. Activity - An exhibition on models related to power resources

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
November - December	Lesson - 6 • Manufacturing Industries	1. Importance of manufacturing 2. Contribution of Industrial to National Economy. 3. Industrial location + Classification 4. Agro based industries 5. Mineral based industries 6. IT and electronic industries 7. Industrial pollution and environmental degradation	1. Map Work : <ul style="list-style-type: none"> • Textile Industries • Iron and Steel industries • Software technological parks • Trace the beginning and development of Tata Iron and Steel Industry, Jamshedpur
December - January	Lesson - 7 • Life line of National Economy	1. Transport : roadways, railways, pipelines, waterways, sea ports, airways 2. Communication 3. International Trade 4. Tourism and Trade	Activity : Brochures and pamphlets for various tourist attractions in India Map : <ul style="list-style-type: none"> • National highways • Major airports • Major seaports • All pie diagrams, pictures, tables
February	Revision		

ECONOMICS

Book : Understanding Economic Development (NCERT)

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
April	Ch. - 1 Development	<ol style="list-style-type: none">1. Goals of development2. National development3. Comparison of different countries and states4. Income and other criteria	<ul style="list-style-type: none">• Debate on technologies for sustainable development.
July	Ch. - 2 Sectors of the Indian Economy	<ol style="list-style-type: none">1. Sectors of economic activities2. Understanding economic development3. Comparing the three sectors4. Primary, secondary and tertiary sectors in India	<ul style="list-style-type: none">• Compare the development of the sectors under the present government.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
September	1st Term Examination		
October	Ch. - 3 Money and Credit	<ol style="list-style-type: none"> 1. Money as a medium of exchange 2. Modern forms of money 3. Loan activities of banks 4. Different credit situations 5. Terms of Credits 6. Formal sector credit in India 	<ul style="list-style-type: none"> • Report about RBI
November	Ch. - 4 Globalisation and the Indian Economy	<ol style="list-style-type: none"> 1. Production across countries 2. Interlinking production across countries 3. Foreign trade and integration of markets 4. What is globalisation ? 5. Factors that have enabled globalisation 6. World Trade Organisation 7. Impact of globalisation 8. The struggle for a fair globalisation 	<ul style="list-style-type: none"> • Survey on 10 branded products that we use everyday. Find out the effect on small producers.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
December	Ch. - 5 Consumer Awareness	<ol style="list-style-type: none"> 1. The consumer in the market place 2. Consumer movement 3. Consumer Rights 4. Learning to become well informed consumers 5. Taking the consumer movement forward 	<ul style="list-style-type: none"> • Discussion of particular incidents regarding consumer exploitation
February	2nd Term Examination		

पाठ्यपुस्तक : मणिका भाग - 2 (Class X)

मास	पाठ का नाम	व्याकरण	रचनात्मक कार्य
मार्च – अप्रैल	पाठ 1. वाङ्मयं तपः	<ul style="list-style-type: none"> संधिकार्यम् – दीर्घ, गुण, वृद्धि समासकार्यम् – तत्पुरुषः नञ्, उपपद प्रत्यय – तव्यत्, अनीयर् अव्यय – अपि, इव, उच्चैः, एव 	<ul style="list-style-type: none"> संवाद-लेखनम्
मई	पाठ 2. आज्ञा गुरुणाम् हि अविचारणीया	<ul style="list-style-type: none"> व्यंजन संधि – परसवर्ण, छत्व, तुकागम 	<ul style="list-style-type: none"> चित्र-लेखनम् (समाचार पत्र से चित्र लेकर)
जुलाई	<p>पाठ 3. किम् किम् उपादेयम्</p> <p>पाठ 4. नास्ति त्याग समं सुखम्</p>	<ul style="list-style-type: none"> संधिकार्यम् – विसर्ग संधि, उत्त्व, रत्वं तद्धितप्रत्ययः – मतुप्, इन्, ठक् अव्ययः – नूनं, पुरा, मा, इतस्ततः समासकार्यम् – कर्मधारय 	<ul style="list-style-type: none"> चित्र व पत्रलेखनम्

मास	पाठ का नाम	व्याकरण	रचनात्मक कार्य
अगस्त	पाठ 5. अभ्यासवशगं मनः	<ul style="list-style-type: none"> वाच्य परिवर्तनम् – (लट् लकारे) समासकार्यम् – द्विगु अव्यय – इतस्ततः, इदानीम्, यथा-तथा विना, सहसा, अधुना, वृथा, शनैः घटिका चित्र साहय्येन अङ्कानाम् स्थाने शब्देषु लेखनम्। 	<ul style="list-style-type: none"> समय-सहायतया दिनचर्या-लेखनम्
सितम्बर	पुनरावृत्ति तथा प्रथम सत्र परीक्षा		
अक्टूबर	पाठ 6. साधुवृत्तिम् समाचरेत् पाठ 7. रमणीया हि सृष्टिरेषा	<ul style="list-style-type: none"> समासकार्यम् – अव्ययी भाव समास (अनु, उप, सह, निर्, प्रति, यथा) संधि – यण, अयादि पूर्व रूप 	<ul style="list-style-type: none"> शीर्षक लेखनं वाक्य निर्माण
नवम्बर	पाठ 8. तिरुक्कुरल सूक्ति सौरभम्	<ul style="list-style-type: none"> समासकार्यम् – द्वंद्व समास अशुद्धि शोधनम् – वचन, पुरुष, लकार, लिंग 	<ul style="list-style-type: none"> शुद्ध वाक्य लेखनम्

मास	पाठ का नाम	व्याकरण	रचनात्मक कार्य
नवम्बर	पाठ 9. राष्ट्रं संरक्ष्यमेव हि	<ul style="list-style-type: none"> • तद्धित – त्व, तल • व्यञ्जनसंधि – मोऽनुस्वारः वर्गीय प्रथमाक्षराणां तृतीयवर्णे परिवर्तनम्, प्रथमवर्णस्य पञ्चमवर्णे परिवर्तनम् 	
दिसम्बर	पाठ 10. स्वागतं भो! अरूणा चलेऽस्मिन्	<ul style="list-style-type: none"> • संधिकार्यम् – विसर्गस्य लोपः, विसर्ग स्थाने स्, श्, ष् • कृदन्त – शतृ, शानच् • स्त्रीप्रत्यय – टाप् डीप् 	• वार्तालाप पूर्ति
जनवरी	पाठ 11. कालोऽहम्	<ul style="list-style-type: none"> • अव्यय – इति, कदा, कुतः, मा, यत्, यत्र, तत्र, कुत्रा, सम्प्रति यदा – कदा, यावत्, तावत्, हयः, श्वः, बहिः, कदापि, किमर्थम् • संख्या – एकतः पञ्च पर्यन्तम् वाक्य प्रयोगः 	
फरवरी	पुनरावृत्ति + वार्षिक परीक्षा		

FRENCH

1. Entre Jeunes - 2

2. Get Ready for Class X (Goyal Publishers)

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
April	Leçon - 1 Retrouvons nos amis	<ul style="list-style-type: none"> • Civilisation • Articles (définis, indéfinis, contractés, partitifs) • Adjectifs (démonstratifs, possessifs) • Temps (présent + passé composé + imparfait + futur) • France 	<ul style="list-style-type: none"> • Présentation des sujets grammaticaux • Présentation de France • Dictation
	Leçon - 2 Après le bac	<ul style="list-style-type: none"> • Futur antérieur • Forme Nominale • Temps (Impératif + conditionnel présent) • Civilisation 	<ul style="list-style-type: none"> • Recitation du poème • Différence des systèmes d'éducation (Write up)
	Leçon- 3 Bon appétit	<ul style="list-style-type: none"> • Pronoms Personnels (direct, indirect, tonique, de lieux) • Recette • Civilisation 	<ul style="list-style-type: none"> • Lettre au grand-père parlant de l'anniversaire • Dialogue à un restaurant • Présentation pour pronoms

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
July	Leçon - 4 Chacun ses goûts	<ul style="list-style-type: none"> • Pronoms et adjectifs démonstratifs • Revue d'un film • Civilisation 	<ul style="list-style-type: none"> • Revue d'un film • dialogue avec médecin et loisirs
August	Leçon - 5 Chez le médecin	<ul style="list-style-type: none"> • Pronoms relatifs (Simple et composé) • Interrogation • Passé composé, imparfait • Civilisation 	<ul style="list-style-type: none"> • annonces pour produit médical • messages
September	Revision		
October	Leçon - 6 Chercher du travail	<ul style="list-style-type: none"> • Pronoms et adjectifs possessifs • Civilisation 	<ul style="list-style-type: none"> • Ecrire un 'c.v.'
November	Leçon - 7 Le plaisir de lire	<ul style="list-style-type: none"> • Plus que parfait • Civilisation 	<ul style="list-style-type: none"> • dialogue avec bibliothécaire • discussion pour moyens de transport

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
December	Leçon - 8 Métro, Boulot, dodo	<ul style="list-style-type: none"> • Conditionnel passé • Civilisation 	<ul style="list-style-type: none"> • Lettre pour décrire des villes • Dialogue
January	Leçon - 9 vive la République	<ul style="list-style-type: none"> • Système politique • Gérondif, participe présent 	<ul style="list-style-type: none"> • Dialogue • Lettre (comparaison de système politique)
February	Leçon - 10 c'est bon le progrès	<ul style="list-style-type: none"> • Discours direct, indirect 	<ul style="list-style-type: none"> • Ecrire 'e mail'

SUGGESTIONS TO PARENTS :

1. Parents are advised to encourage their children to interact with and seek the assistance of their language teachers outside the classroom too on a REGULAR BASIS.
2. The class work copies and workbooks should be checked on a fortnightly basis to see that they are completed, up-to date, corrected, indexed and signed by the concerned language teacher. The textbooks must be annotated with translations and work-meanings provided in class.
3. Please see that your children work REGULARLY, about 15 to 30 minutes, at least every alternate day, so that they are able to participate in class work activity.
4. Assignment sheets for the respective months must be completed, corrected and signed by the teacher.
5. Unit test papers and examination papers must be revised, mistakes corrected and noted clearly within a month of the date of the test.
6. Please note the teacher's remarks in class-work copies, workbooks and assignment sheets.
7. Parents are strongly urged to encourage their children to consult / ask their respective teachers about their problems and doubts rather than resort to the indiscriminate use of the dictionary. The dictionary is recommended only in classes IX and X as a complementary tool rather than an independent and infallible authority.

READING LIST

● ENGLISH

1. To Kill A Mocking Bird – Harper Lee
2. Wuthering Heights – Emily Bronte
3. Lambs Tales from Shakespeare
4. The Black Arrow – R.L. Stevenson
5. Pride and Prejudice – Jane Austen
6. Silas Marner – George Eliot
7. Books by Agatha Christie and Alistair Mclean
8. Scarlet Pimpernel – Baroness Orczy
9. Hunchback of Notredame – Victor Hugo
10. Exodus – Leon Uris
11. Jungle Picture – Norah Burke
12. Dombey and Son – Charles Dickens
13. The Old Curiosity Shop – Charles Dickens
14. Vendor of Sweets – R.K. Narayan
15. Fire on the Mountains – Anita Desai

16. The Mill on the Floss – George Eliot

17. St. Joan – Bernard Shaw

● हिन्दी

1. मानसरोवर (मुंशी प्रेमचन्द) 1 – 8 तक
2. टॉलस्टाय की कहानियाँ (हिन्दी रूपान्तर)
3. पथ के साथी (महादेवी वर्मा)
4. मेरा परिवार (महादेवी वर्मा)
5. संस्मरण (रामवृक्ष बेनीपुरी)
6. माटी के मूरतें (रामवृक्ष बेनीपुरी)
7. महापुरुषों की जीवनियाँ
8. क्रांतिकारियों की जीवनियाँ
9. यात्रा वृत्तान्त
10. पौराणिक कथाएँ
