

SUBJECT: ENGLISH LANGUAGE & LITERATURE (Code :184)

Sr.No.	Month	No. of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April	23	Literature Reader : First Flight <i>Prove :</i> 1. A Letter to God 2. Nelson Mandela <i>Poetry :</i> 1. Dust of Snow 2. Fire and Ice Supplementary Reader : Footprints without Feet 1. A Triumph of Surgery Grammar: Tenses Writing Skills : Diary Entry, E-mail Writing, Informal Letter Writing, Message Writing	 To enhance vocabulary by learning the meanings and usages of the phrases given in the text. To develop an In-depth understanding of different characters in the literature content. Understanding of grammatical aspects under various topic heads. Learning of usage of Negatives for Emphasis (Pg.10) and Idiomatic Expressions (Pg. 26) Recapitulation of different formats for communication practices and improvisation in writing skills. 	Discussion of other related works of authors/ poets with resources from library. Extensive reading practice to enhance Reading and Comprehension skills. Making A Web-Chart of Character Traits of main characters studied in the texts. Intensive Reading of Supplementary Reader in summer break and writing a Review on it.
2	June	22	Literature Reader : First Flight Image: Prove : 3. Two Stories about Flying 4. From the Diary of Anne Frank Image: Poetry : 3. A Tiger in the Zoo 4. How to Tell Wild Animals Supplementary Reader : Footprints without Feet 2. The Thief's Story 3. The Midnight Visitor Grammar: Determiners Writing Skills Notice Writing, Report writing on Factual Description of a person/ place/ event.	 Evaluating personality traits for characters in different contexts given. Understanding of situation in which diary was written by Anne Frank and the famous episode of her classroom experience. Appreciation of writing skills of the poet along with understanding of rhyming patterns, use of literary/poetic devices- figures of speech and usage of expressions with enriched vocabulary. Learning of significant Figures of Speech along with the definitions and examples discussed in the class. 	Solving additional Worksheets on Figures of Speech. Learning of compound words and phrasal words (Pg. 54) Write a Diary Entry on how you spent the day. Solving Grammar exercises from Text Book. Exercise of Dialogue writing on a given situation for enhanced communication skills.

3	July	25	Literature Reader : First Flight Prove : 5. The Hundred Dresses-I 6. The Hundred Dresses-II Poetry : 5. The Ball Poem 6. Amanda Supplementary Reader : Footprints without Feet 4. A Question of Trust Grammar: Subject-Verb Agreement Writing Skills : Formal Letter writing(Placing Order), Bio-Sketch; Article Writing from inputs given in form of Pictures, Diagram, Pie-charts	 Students will develop Speaking and Listening Skills with textual exercises and frequent classroom interactive methods and techniques. Learning of usage of Adverbs (Pg. 72). Students will prepare web-chart of positive and negative human qualities (Pg. 80) and learn usage of colour expressions (Pg. 81). 	Conduct of Group Discussion for a platform to exchange views and ideologies for <u>Term I Activity.</u> Writing Article based on Interpretation and Analysis of specified Data. Solving of exercises for grammar topics.
4	Aug	16	Literature Reader : First Flight <u>Prove :</u> 7. Glimpses of India 8. Mijbil the Otter <u>Poetry :</u> 7. Animals <u>Supplementary Reader : Footprints without Feet</u> 5. Footprints without Feet <u>Grammar:</u> Reported Speech <u>Writing Skills :</u> Formal Letter writing(Inquiry), Story Writing, Script Writing, Speech Writing	 Students will learn about Collocations-adding adjectives to nouns (Pg. 93). Students will learn key elements of Story Writing using similar plots on ghosts, with thrills, mystery, amusements, humour and horror. Students will learn writing into Reported speech. The necessary rules will be thoroughly discussed. 	Role play of various characters in the literature. Students will solve Monthly Worksheets given to them.
5	Sept	22	Literature Reader : First Flight <u>Prove :</u> 9. Madam Rides the Bus <u>Poetry :</u> 8. The Trees 9. Fog <u>Supplementary Reader : Footprints without Feet</u> 6. The Making of a Scientist <u>Grammar :</u> Preposition <u>Revision for Mid-Term Test :</u>	 The key words and their usage will be understood and referred to while solving the exercises. Revision of all chapters and topics for Mid-Term Test. 	Students will learn Character Traits from the Resource Sheet given to them.

6	Oct	18	Literature Reader : First Flight $\mathcal{Prove :}$ 10. The Sermon at Benares $\mathcal{Poetry :}$ 10. The Tale of Custard the Dragon Supplementary Reader : Footprints without Feet 7. The Necklace 8. The Hack Driver Grammar : Conjunctions, Clauses Writing Skills : Formal Letter (to Editor), Report Writing for Class Newsletter, Dialogue Writing	 Students will appreciate the Ballad poem after understanding it. Students will enjoy the humorous ballad in form of parody. Students will thoroughly read Supplementary Reader for comprehension and developing cognitive skills. Students will analyze various characters and express with relevant describing words. 	Solve questions on Diary Entry, Story Writing, Letter Writing with profound vocabulary. Screening of relevant audios/videos for further understanding.
7	Nov	17	Literature Reader : First Flight <i>Prove :</i> 11. The Proposal <i>Poetry :</i> 11. For Anne Gregory Supplementary Reader : Footprints without Feet 9. Bholi 10. The Book that Saved the Earth Grammar : Passive Voice Writing Skills : Formal Letter writing(Complaint), Advertisement	 Learning of exquisite vocabulary, striking expressions, outstanding plotting of the story, climax and the value based inferences drawn in its historical perspective in the drama. Students will admire script writing and how expressions are used in the drama. Students will practice various writing skill topics as given in monthly topics in accordance with appropriate format and necessary formal language required. 	Conduct of Debate for exchange of ideas. Students will refer to Resource sheet on numerous adjectives with Synonyms and their Antonyms .
8	Dec	24	Revision for Post Mid-Term Test : Revision for Pre-Board Exams :	Revision of Literature Reader and Supplementary Reader, Grammar and Writing Skills.	Conduct of Listening Task for Listening Comprehension for <u>Term II Activity.</u>
9	Jan	19	Revision for CBSE Conducted Board Exams :	Revision of all exercises from Literature Reader and Supplementary Reader, Grammar and Writing Skills.	Students will solve Previous Year Question Papers and Sample Papers.
10	Feb	22	Revision for CBSE Conducted Board Exams :	Revision of all exercises from Literature Reader and Supplementary Reader, Grammar and Writing Skills.	Students will solve Previous Year Question Papers and Sample Papers.
11	Mar	11	Revision for CBSE Conducted Board Exams :	Revision of all exercises.	Solving all exercises.

Name of the Teacher : Ms. Sunita Sharma

Sign : _____



SUBJE	CT: Hindi				Class: x
Sr.No	Month	No.of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April	23	गद्य _. १ _. बड़े भाई साहब पद्य _. १ _. साखी	लेखक परिचय, पात्र परिचय व विभिन्न प्रसंगों दवारा पाठ का सार समझाना। कबीर जी दवारा रचित साखियों व उसमें निहित	समय नियोजन की आवश्यकता क्यों? -विचार प्रस्तुतीकरण। दोहा-गायन व सार प्रस्ततीकरण।
			संचयन् १ हरिहर काका	शिक्षाओं का रोचकपूर्ण प्रस्तुतीकरण। गामीण पारिवारिक जीवन तथा हमारी आस्था के	'अच्छे व्यवहार का जीवन में महत्व'-अनुच्छेद
				प्रतीक धर्म स्थलों में अपने पाँव फैला रही स्वार्थ प्रवृत्ति को इस कथा दवारा उजागर करना।	लेखन।
			व्या शब्द व पद में अंतर	परिभाषा व विभिन्न उदाहरणों दवारा अंतर स्पष्ट करना।	वाक्य में रेखांकित पद का भेद लिखवाना।
			लेखन अनुच्छेद लेखन	सांकेतिक बिन्दुओं पर आधारित विभिन्न विषयों पर अनुच्छेद लेखन करवाना।	व्यवहारिक जीवन से जुड़े विषयों पर लेखन कार्य करवाना।
2	June	22	अपठित गढयांश व पढयांश	दिए गएँ गदयांश व पदयांश को पढ़कर प्रश्नों के उत्तर लिखना।	संबंधित अभ्यास पुस्तिका देकर अभ्यास करवाना।
2	June	22	गद्य. २.डायरी का एक पन्ना	२६ जनवरी, १९३१ को कलकत्ता में मनाए गए स्वतंत्रता दिवस का विभिन्न घटनाओं दवारा प्रस्तुतीकरण।	स्वतंत्रता आंदोलन की चर्चा करना।
			३.तताँरा-वामीरो कथा	अंडमान निकोबार द्वीपसमूह से संबंधित लोककथा का रोचकपूर्ण प्रस्तुतीकरण।	समाज में फैले अंधविश्वास व रुढ़िवादिता पर संवाद लेखन।
			पद्य _. २ _. पद	प्रसिदध कवयित्री मीराबाई दवारा श्रीकृष्ण के प्रति प्रकट की गई भक्ति व आस्था का पदों दवारा प्रभावपूर्ण प्रस्तुतीकरण।	पदों का गायन व सार प्रस्तुतीकरण।
			व्या _. रचना के आधार पर वाक्य स्पांतर मुहावरे	सरल, संयुक्त व मिश्र वाक्य की परिभाषा व उदाहरणों दवारा अंतर स्पष्ट करना। मुहावरों का अर्थ समझाकर वाक्य में प्रयोग	वाक्य रुपांतरण करवाना। वाक्य निर्माण करवाना व रिक्त स्थानों की पूर्ति
			लेखन पत्र लेखन	करवाना। औपचारिक पत्र के प्रारुप से अवगत कराना व विषय से संबंधित पत्र लेखन करवाना।	करवाना। रचनात्मक लेखन का अभ्यास करवाना।

3	July	25	गद्य. ४. अब कहाँ दूसरे के दुख से दुखी होने वाले	इस पाठ दवारा प्रकृति के स्वरुप में मानव दवारा	क्या मनुष्य ही प्राकृतिक आपदाओं के लिए जिम्मेदार
			से दुखी होने वाले	किए गए हस्तक्षेप, मानव के पूर्व व वर्तमान	है ?-विचार प्रस्तुतोकरण।
				स्वरुप में आनेवाले अंतर को समझाना।	
			पद्य, ३, पर्वत प्रदेश में पावस	पर्वतीय प्रदेश में वर्षा के दृश्य व उसके प्रभाव,	घटना वर्णन- जब अचानक मुझे गाँव जाने का मौका
				प्रकृति में आने वाले परिवर्तन व विभिन्न उपादानों	मिला।
				से अवगत कराना।	
			४ तोप	सन १८५७ के स्वतंत्रता संग्राम में प्रयुक्त एक	'ऐतिहासिक इमारत की सुरक्षा जरुरी' विषय पर
				तोप की कहानी से अवगत कराना।	संवाद-लेखन करवाना।
			व्या समास	परिभाषा, विभिन्न भेदों की जानकारी व उनके	
				अंतर को उदाहरणों दवारा स्पष्ट करना	समस्तपद व समास-विग्रह से संबंधित कार्य करवाना।
			अशुद्धि शोधन	भाषा के प्रयोग से संबंधित नियमों से अवगत	
				कराते हुए शब्द या वाक्य में निहित अशुद्धियों को	वाक्य को शुद्ध करके पुनः लिखवाना।
				शुद्ध करना सीखाना।	, , , , , , , , , , , , , , , , , , ,
			लेखन. सूचना लेखन	प्रारुप समझाकर दिए गए विषय पर सूचना लेखन	दिए गए विषय पर सूचना लेखन का अभ्यास करवाना
				दवारा अभिव्यक्ति क्षमता का विकास करना।	
4	August	16	गद्य. ५ पतझर में टूटी पत्तियाँ	आदर्शवाद व व्यवहारवाद को विभिन्न प्रसंगों	समाज के कुछ आदर्शवादी लोगों के आदर्श प्रस्तुत
				दवारा समझाना व तनाव रहित जीवन जीने की	करना ।
				प्रेरणा देना।	
			संचयन २ सपनों के से दिन	इस आत्मकथा दवारा लेखक के बचपन के दिन,	ऐसी घटना जिसने जीवन की दिशा बदल दी-अनुच्छेद
				उस समय के खेल, माँ-बाप के व्यवहार व	लेखन।
				स्कूली जीवन के अनुभवों का प्रस्तुतीकरण करना।	
			लेखन संवाद लेखन	संवाद लेखन के समय ध्यान रखने योग्य बातों	दो पात्रों के बीच दिए गए विषय पर संवाद लेखन
				से अवगत कराना व विषय से संबंधित संवाद	करवाना।
				लेखन करवाना।	
			विज्ञापन लेखन	विज्ञापन लेखन में प्रयुक्त होनेवाले विशेष बिंदुओं	विभिन्न उत्पादों के लिए आकर्षक विज्ञापनों का
				से अवगत कराकर अभ्यास करवाना।	निर्माण करवाना।
5	September	22	गद्य, ६ कारतूस	प्रस्तुत एकांकी दवारा एक ऐसे जाँबाज के	संवाद-वाचन करवाना।
			• • • • • • •	कारनामों के बारे में जानेंगे जिसका लक्ष्य अंग्रजों	
				को देश से बाहर निकालना था।	
			पद्य, ५ बिहारी के दोहे	श्रृंगारपरक दोहों दवारा श्रीकृष्ण के मनोहारी रुप,	समाज में प्रचलित बाह्य आडंबरों की चर्चा करना।
				ग्रीष्म के प्रचंड प्रभाव व गौंपियों की शरारतों से	
				अवगत करवाना।	
			व्या मुहावरे	मुहावरों का अर्थ समझा कर वाक्य में प्रयोग	वाक्य निर्माण करवाना व रिक्त स्थानों की पूर्ति
			विषय संवर्धन गतिविधि	करवाना।	करवाना।
			पुनरावर्तन	किसी भी गतिविधि दवारा मौखिक मूल्यांकन	किसी भी विषय पर आधारित मौखिक प्रस्तुतीकरण।
				करना।	

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6	October	18	पद्य ६ मनुष्यता	कविता के माध्यम से मानवता, प्रेम, एकता,	कविता से संबंधित पौराणिक प्रसंगों का प्रस्तुतीकरण।
				दया, परोपकूार, उदारता का संदेश देकर मनुष्य	
				को पूरोपकारी जीवन जीने की प्रेरणा देना।	
			संचयन ३ टोपी शुक्ला	कहानी में हिंदु परिवार व मुस्लिम परिवार से	मनुष्य जन्म स नहीं, कर्म से महान बनता है-चर्चा।
				संबंध रखने वाले दो बच्चों को कहानी का	
				आधार बनाकर मित्रता व सांप्रदायिक भावना को	
				उजागर किया है।	
			व्या. शब्द व पद में अंतर	परिभाषा व विभिन्न उदाहरणों दवारा अंतर स्पष्ट	वाक्य में रेखांकित पद का भेद लिखवाना।
				करना।	
			रचना के आधार पर	सरल, संयुक्त व मिश्र वाक्य की परिभाषा व	वाक्य रुपांतरण करवाना।
			वाक्य रुपांतर	उदाहरणों दवारा अंतर स्पष्ट करना।	
			लेखन. अनुच्छेद लेखन	सांकेतिक बिन्दुओं पर आधारित विभिन्न विषयों	व्यवहारिक जीवन से जुड़े विषयों पर लेखन कार्य
				पर अनुच्छेद लेखन करवाना।	करवाना ।
			पत्र लेखन	औपचारिक पत्र के प्रारुप से अवगत कराना व	
				विषय से संबंधित पत्र लेखन करवाना।	रचनात्मक लेखन का अभ्यास करवाना
7	November	17	पद्य ७ कर चले हम फिदा	युद्ध की पृष्ठभूमिपर आधारित फिल्म 'हकीकत'के	
				लिए लिखी गई है जिसमें कवि ने युद्ध में लड़	गीत का सस्वर वाचन करना व सार प्रस्तुतीकरण।
				रहे सैनिकों की मनोदशा का चित्रण किया है।	
			🗠 आत्मत्राण	इस प्रार्थना गीत में ईश्वर से दुखों को सहन	गीत का सस्वर वाचन करना।'इतनी शक्ति हमें देना
				करने की शक्ति माँगी गई है। हमें सदा	दाता' प्रार्थना का प्रस्तुतीकरण।
				आशावादी दृष्टिकोण रखना चाहिए।	
			व्या अशुद्धि शोधन	शब्द या वाक्य में निहित अशुद्धियों को दूर करके	वाक्य को शुद्ध करके पुनः लिखवाना।
				शुद्ध वाक्य लिखना सीखाना।	
			समास	परिभाषा, विभिन्न भेदों की जानकारी व उनके	समस्तपद व समास-विग्रह से संबंधित कार्य करवाना।
				अंतर को उदाहरणों दवारा स्पष्ट करना।	
			लेखन सूचना लेखन	सूचना लेखन दवारा अभिव्यक्ति क्षमता का	दिए गए विषय पर सूचना लेखन, संवाद लेखन व
			संवाद लेखन	विकास करना। विषय से संबंधित संवाद व	विज्ञापन लेखन का अभ्यास करवाना।
			विज्ञापन लेखन	विज्ञापन लेखन करवाना।	
8	December	24		पूर्व पठित पाठों, व्याकरणिक इकाईयों व	
			पुनरावर्तन	रचनात्मक लेखन के विषयों का पुनरावर्तन।	मौखिक व लिखित अभ्यास करवाना।
9	January	19			
10	Fabruary	00	पुनरावर्तन	अंतिम परीक्षा के लिए संबंधित विषयों का	मौखिक व लिखित अभ्यास करवाना।
10	February	22		पुनरावर्तन कार्य करवाना।	
11	March	11			



SUBJECT: MATHEMATICS (041)

Sr. No.	Month	No.of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April	23	1- Real numbers	-Euclid's Division Lemma, Fundamental theorem of arithmetic, Irrational numbers, Decimal Expansion of rational numbers.	
			2- Polynomials	- Geometrical meaning of zeroes of polynomials and relation between zeroes and coefficients, Division algorithm of polynomials.	
			3 – Linear equations in two variables	-Graphical method, Substitution and Elimination methods to solve a pair of linear equations, Cross multiplication method to solve a pair of linear equations	Lab activity using graph to check consistency of equations and plotting them.
2.	June	22	4-Quadratic Equations 5- Arithmetic Progression	-Introduction ,Solution by – Factorization, Completing the square and using formula and word problems. -Introduction / Terminologies ,n th term of an AP ,Sum of the first n terms of an AP	
3.	July	25	6-Triangles 7-Co-ordinate geometry	 -Similar figures, Criteria for similarity of triangles, Areas of similar triangles. Pythagoras theorem. -Introduction , Distance formula ,Section formula , Area of a triangle. 	
4.	August	16	8- Introduction to Trigonometry 9-Application Of Trigonometry	 Trigonometric ratios of specific angles, Ratios of complementary angles and trigonometric identities. Introduction, Heights and Distances. 	

5.	September	22	10- Circle 11- Constructions	 Introduction ,Tangents to a circle , No. of tangents to a circle from a given point. -Introduction , Tangents to circle , perpendicular bisector of a line segment, congruent angles and similiarity of triangles. 	Verification of properties of a tangent.
			REVISION FOR MIDTERM		
6.	October	18	12- Areas Related to Circles	-Area and perimeter of a circle , Areas of sector and segments of a circle , Areas of combination of plane figures.	Problem solving
			13- Surface Area and Volume	-Introduction , Surface area of a combination of solids, Volume of a combination of solids , Conversion of solid from one shape to another , Frustum of a cone.	
7.	November	17	Ch-13 Continued… 14-Statistics	- Mean Median and Mode of grouped data. Graphical representation of cumulative freq. distribution	
			15- Probability	- Introduction, A theoretical approach.	
8.	December - February	24 + 19+22 = 65	REVISION		

Name of the Teacher: Mrs. Survinder Kaur, Mr. Satish Sharma, Mr Sonu Chawlani



CLASS: X

Sr.No	Month	No. of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Experiments / Activities
1	April	23	Life processes	What are the life processes? Nutrition :Autotrophic nutrition and heterotrophic nutrition How do organisms obtain their nutrition? Nutrition in humans : Human digestive system Digestion of food	To prepare a temporary mount of a leaf peel to show stomata To observe the permanent slide of
				Dental caries Respiration: Respiratory organs, mechanism of respiration ATP -currency of energy	stomata
2	June	22	Life processes	Transportation in human beingsThe heart: structure and functionDouble circulationThe tubes: Arteries, VesselsLymphTransportation in plantsTransport of water and foodExcretion in human beingsExcretion in plant	To show experimentally that light is necessary for photosynthesis To show experimentally that co ₂ is given out during respiration by use of KOH solution
3	July	25	Control and Coordination	Animas nervous system, reflex action Human brain ; Structure and function of all parts Coordination in plants Immediate response to stimulus:stomatal movement, Movement due to growth phototropism Hydrotropism Thigmotropism Geotropism Nastic movements Endocrine glands Testes Ovary	To show experimentally that co ₂ is given out during respiration by use of lime water

4	August	16	How do organisms Reproduce?	Do organisms create exact copies of themselves? The importance of variation Modes of reproduction: Fission, Fragmentation, Regeneration, Budding, Vegetative Propagation and Spore formation. Sexual reproduction: In plants Reproduction in human beings: Male Reproductive System, Female Reproductive System and Reproductive Health.	To study binary fission in Amoeba with the help of prepared slide. To study budding in yeast with the help of prepared slide
5	September	22	Heredity and Evolution	Accumulation of variation during reproduction Heredity: Inherited Traits, Rules for the inheritance of Traits-Mendel's Contributions How do these traits get expressed? Sex Determination. Evolution: An illustration, Acquired and Inherited Traits,Speciation,Evolution and Classification, tracing Evolutionary Relationships,Fossils,Evolution by stages Human evolution	
6	October	18	Our environment	Ecosystem and its components Food chains and webs Ecological pyramids: mass ,energy and parasitic pyramids Ozone layer and its depletion Managing the garbage.	To identify the different parts of an embryo of a dicot seed To study homology and analogy with the help of preserved samples of plants and animals
7	November	17	Management of Natural Resources	Why do we need to manage our resources? Forest and wild life, Stakeholders, Sustainable Management, Water for all, Dams, water harvesting, coal and petroleum.	
8	December	24			
9	January	19	Revision(pre	evious board exams question papers ,sample pa	pers.worksheets)
10	February	22	i i i i i i i i i i i i i i i i i i i		
11	March	11			



SUBJECT: Chemistry

Sr.No	Month	No.of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Experiments / Activities
1	April	23	 Chemical reactions and equations Acids bases and salts 	 Writing a chemical equation Balancing a chemical equation Types of chemical reactions Corrosion Rancidity Understanding the chemical properties of acids and bases What do all acids and bases have in common? Important of pH in everyday life More about salts, pH of salts 	 To find the pH of following samples by using pH paper/universal indicator. Dil HCl Dil NaOH Dil CH₃COOH etc
3	June	22	2)Acids bases and salts	 Importance of pH in everyday life. Chemicals from common salt Chlor alkali process Bleaching powder Baking soda Washing soda Water of crystallization Plaster of paris 	2)To classify the reactions as i)combinations ii)Decombination etc 3) To classify the reactions
4	July	25	3).Metals and non-metals	 Physical properties of metals and non-metals Chemical properties of metals Double displacement reaction The reactivity series How do metals and nonmetals react? Properties of ionic compounds Occurrence of metals Extraction of metals Refining of metals Corrosion Prevention of corrosion 	4)To study the properties of acids and bases by their reactions

5	August	16	4. Carbon and its compounds	 Bonding in carbon Lewis dot structure Versatile nature of carbon Saturated and unsaturated carbon compounds Chains branches and rings 	5)To observe the action of Zn,Fe,Cu,AI on various salt solutions
6	September	22	4. Carbon and its compounds	 Homologous series Nomenclature of carbon compounds Combustion Oxidation Addition reaction Substitution Some important compounds of carbon Soaps and detergents 	6) To study the properties of acetic acid
7	October	18	5. Periodic classification of elements	 Classification of elements Concept and limitations Position of elements in the modern periodic table Trends in modern periodic table 	7) To study saponification reaction for the preparation of soap
8	November	17	5. Periodic classification of elements	 Valency Atomic size metallic and non-metallic properties 	
9	December	24		REVISION	
10	January	19		REVISION (PREBOARD)	
11	February	22		REVISION	
12	March	11		BOARD EXAM	



SUBJECT: Physics

TAPOVAN INTERNATIONAL SCHOOL YEARLY SYLLABUS 2019-20

Sr. No.	Month	No.of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1.	April	23	Electricity	Electric current, potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Inter relation between P, V, I and R.	
2.	June	22	Magnetic Effects of current	Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's left hand rule. Electromagnetic induction. Induced potential difference, Induced current. Fleming's Right Hand Rule, Direct current.	Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I. Determination of the equivalent resistance of two resistors when connected in series and parallel.
3.	July	25	Magnetic Effects of current (Contd.)	Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.	
4.	August	16	Sources of energy	Different forms of energy, conventional and non-conventional sources of energy: fossil fuels, solar energy; biogas; wind, water and tidal energy; nuclear energy. Renewable versus non-renewable sources.	
5.	September	22	Light: Reflection and Refraction	Reflection of light at curved surfaces, Images formed by spherical mirrors, Centre of curvature, principal axis, principal focus, focal length, mirror formula (Derivation not required), and magnification.	 Determination of the focal length of: i) Concave mirror ii) Convex lens by obtaining the image of a distant object.

6.	October	18	Light: Reflection and Refraction (Contd.) Human Eye and Colorful world	 Refraction; laws of refraction, refractive index. Refraction of light by spherical lens, Image formed by spherical lenses, Lens formula (Derivation not required), Magnification. Power of a lens. Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses. 	Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
7.	November	17	Human Eye and Colorful world (Contd.)	Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life.	Tracing the path of the rays of light through a glass prism. Finding the image distance for varying object distances in case of a convex lens and drawing corresponding ray diagrams to show the nature of image formed.
8.	December	24			<u> </u>
9.	January	19	1	Revision	
10.	February	22	1		
11.	March	11			

Name of the Teacher: Dr. Rahul Dubey



SUBJECT: Social Science

Sr.No.	Month	No. of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Activities
1	April	23	Geography Ch.1 Resources and development	Resources, type of resources, development of resources, resource planning in India, land use pattern in India. Belgium and Sri Lanka, Majoritarianism in	Activity -1 Group discussion on conservation of resources. Activity – Flow chart on types of
			<u>Civics</u> Ch.1 Power sharing	Sri Lanka, Why power sharing is desirable, forms of power sharing.	power sharing.
			<u>History</u> Ch-1 The Rise of Nationalism in Europe	The French revolution and the idea of nation, the making of nationalism in Europe, The age of revolutions: 1830-1848 The making of Germany and Italy, visualizing the nation, nationalism and imperialism	Activity: Group Discussion: European Nationalism and Anti-Colonial Nationalism.
			Economics Ch. 1 Development	What development promises, characteristics of development, income and other goal, national development, public facilities, how to compare different countries, sustainable development	Activity 1: Each student collect information on topic related to sustainable development Through magazine or newspapers or frompeople ,Newspaper Article.
2	June	22	<u>Civics</u> Ch. 2 Federalism	What is federalism? Features of federalism, What makes India a federal country? How is federalism practiced?	Activity: - List out 10 unitary and federal countries in the world.
			<u>Geography</u> Ch.2 Forest and Wild Life resources	Biodiversity or biological diversity,flora and fauna in india , vanishing forest, Asiatic cheetah: Where did they go?,The Himalayan yew in trouble, conservation of forest and wild life in India, project tiger,types and distribution of forests and wild life resources,community and conservation.	Activity:- Quiz on conservation of resources.
			<u>Geography</u> Ch.3 Water Resources	Water some facts and figures, Water scarcity and need for water conservation, Multipurpose river projects, rainwater harvesting.	Activity- Leaflet making on water as a resource.

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			Economics Ch.2 Development Will be continued <u>Civics</u> Ch.3 Democracy and diversity	What development promises, characteristics of development, income and other goal, national development, public facilities, how to compare different countries, sustainable development Case studies of Mexico Differences, Similarities, divisions, politics of social divisions.	Activity <u>:</u> Documentary on Gandhi or view a film on Gandhi.
			Economics Ch. 2 Sectors of Indian Economy.	Sectors of economic activities, comparing the three sectors, division of sectors as organized and unorganized, sectors in terms of ownership.	Organize group discussion on how government taking serious steps to remove unemployment.
3	July	25	<u>History</u> Ch.2 Nationalism in India	The first world war,k hilafat and non-cooperation,differing strands within the movement,towards civil disobedience,the sense of collective belonging.	Activity: Make a report on comparative analysis of two great personalities i.e. Martin Luther King Jr. and Mahatma Gandhi
			<u>Geography</u> Ch. 4 Agriculture <u>History</u> Ch.3 The age of Industrialization.	Agriculture, Types of Farming, Impact of globalization on Agriculture,cropping pattern,major crops,technological and institutional reforms. Before Industrial revolution, The coming up of the factory, Pecularities of industrial growth,hand labour and steam power,industrialization in the colonies.	A feasible visit to near Farm. Picture analysis: The Down of the century & The two magicians.
			Economics Ch. 2 Sectors of Indian economy will be cont.	Sectors of economic activities, comparing the three sectors, division of sectors as organized and unorganized, sectors in terms of ownership	Activity <u>:</u> Worksheet or A feasible visit to a Bank.
			Economics Ch.3. Money and Credit	Role of money in economy, formal and informal financial institutions, savings and credit, self help groups.	
4	August	16	Economics Ch.3. Money and Credit will be cont.	Role of money in economy, formal and informal financial institutions, savings and credit, self help groups.	
					Throw some light on recent

			<u>Geography</u> Ch.5. Minerals and Energy resources <u>Civics</u> Ch. 4 Gender, religion, caste	Types of minerals , distribution, use and economic importance of minerals, conservation, types of power resources, conventional and non – conventional energy resources and their conservation,ferrons and non-ferrons minerals,non metallic minerals,rock minerals. Religion, Communalism and politics, Caste and politics, Gender inequality.	developments taken in the field of Non conventional energy resources In India. Activity: Group discussion on Gender discrimination in India
5	September	22	Economics Ch.4.Globalization and the Indian economy <u>Civics</u> Ch.5 Popular Struggles and Movements <u>History</u> Ch. 4 Print culture and the modern world	 What is Globalization? How India is being globalised and why? Development strategy prior to 1991, Different perspectives on globalization and its impact on different sectors. Popular struggles in Nepal and Bolivia, mobilization and organization, pressure groups and movements Early print, Print comes to Europe, Print revolution in India and the world of print. the reading mania, religios reforms and public debates, new forms of publication, print and sensorship. 	Activity; Newspaper Article Analysis Activity:- Group discussion on merits and demerits of democracy. Activity : Making list of developments on Print culture in India
			<u>Civics</u> Ch.6. Political parties. Revision: Mid Term	Why do we need political parties? Which are the major political parties in India?National parties,state parties,challenges to political parties,how can parties be reformed?	Activity: Debate on political parties to be included in RTI Act.
6	October	18	Economics Ch.4.Globalization and the Indian economy will be cont.	What is Globalization? How India is being globalised and why? Development strategy prior to 1991, Different perspectives on globalization and its impact on different sectors.	Activity; Newspaper Article Analysis
			<u>Geography</u> 6. Manufacturing Industries	Types, contribution of industries to the national economy, industrial pollution and degradation of environment and measures to control them.	Activity: Field Visit – A feasible visit to an Industry

			<u>Civics</u> 7. Outcomes of Democracy	Can or should democracy should be judged by it outcomes? Has democracy led to development, security, and dignity for the people?	Activity: Group Discussion on merits and Demerits of democracy
			<u>Civics</u> 8. Challenges of Democracy	Is the idea of democracy shrinking? What are the major challenges to democracy in India? How democracy can be reformed and deepened? What role can an ordinary citizen can play in deepening democracy	Activity: Debate on Challenges of democracy itself a testimony for success of Democracy
			Economics Ch.5. Consumer Rights	How consumer is exploited? Factors causing exploitation of consumers, Rise consumer awareness; role of government in consumer protection.	Activity : Develop an advertisement
7	November	17	Ch.5. Consumer Rights will be cont. <u>Geography</u> 7. lifelines of National economy	How consumer is exploited? Factors causing exploitation of consumers, Rise consumer awareness; role of government in consumer protection Different types of transport and its advantages and short comings, how it play a role in Indian economy and life of the people.	Activity : Group discussion on imagination of a week without any means of Transport &Communication Project work on consumer awareness
8	December	24	Revision	All the chapters will be revised to understand the topics, Clearing the doubts related to Topics. Class test and Quiz will be taken. Solving sample and previous Q. Papers	
9	January	19	Revision Preboard	All the chapters will be revised to understand the topics, Clearing the doubts related to Topics. Class test and Quiz will be taken. Solving sample and previous Q. Papers	
10	February	22& 11	Revision	All the chapters will be revised to understand the topics, Clearing the doubts related to Topics. Class test and Quiz will be taken. Solving sample and previous Q. Papers	

Name of the Teacher: Mrs. Sangeeta Tyagi , Ms.Deepika Singh



SUBJECT: Computer

Class- X

Sr.No	Month	No. of Working Days	No. & Name of the Chapter / Lesson	Content / Sub Topics	Experiments / Activities
1	April	23	Web Application (Basic)	 Working with Accessibility options Networking fundamentals Creating a Web Blogs Internet Security 	Practical based on working with Accessibility and blogs
2	June	22	Word Processing	 Indentation, Alignment & Line spacing Managing Headers & Footers, Styles Document Templates 	Practical based
3	July	25	Word Processing	 Page breaks ,font size, change case Inserting images, shapes Text Wrapping 	Word formatting
4	August	16	Spreadsheet	 Using autosum in cells Hiding & Unhiding rows& columns Freezing columns 	Practical based on Excel
5	September	22	Revision for Mid Term Test		
6	October	18	Spreadsheet	 Page breaks Page Layout Views Formatting Charts Sorting & Filter data 	Practical based on Excel

7	November	17	Digital Presentation	 Inserting a movie & audio clip Working with tables ,Charts Inserting Transitions, Inserting Animations Grouping objects 	Practical based on Presentation
8	December	24	Database Development	 Introduction to Microsoft Access Data types,DDL,DML Creating & saving database Creating Table Building Forms Managing Query Designing Report 	Practical based on Access
9	January	19	Revision	Revision	Revision
10	February	22	Revision	Revision	Revision

Name of the Teacher: Ms.Bhanu Priya Arora

TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS (2019-20)

Std : 6 to 10

SUB: MUSIC (vocal)

Teacher name :Priyanka Shukla

Month	Class	Work Specification
	6 th	Give them knowledge about beginning, middle and ending of the song.
		Preparation For Foundation Day
		Practice Of Prayer Song "Vah Shakti Hame do"
		Practice Of School Song "Tapovan a gift of god"
		Practice Of Guru mantra for Thursday prayer.
	7 th	Give them knowledge about beginning, middle and ending of the song.
		Preparation For Foundation Day
		Practice Of Prayer Song "Vah Shakti Hame do"
		Practice Of School Song "Tapovan a gift of god"
		Practice Of Guru mantra for Thursday prayer.
	8 th	Give them knowledge about beginning, middle and ending of the song.
		Preparation For Foundation Day
April		Practice Of Prayer Song "Vah Shakti Hame do"
7.10111		Practice Of School Song "Tapovan a gift of god"
		Practice Of Guru mantra for Thursday prayer.
	9 th	Give them knowledge about beginning, middle and ending of the song.
	Ū	Preparation For Foundation Day
		Practice Of Prayer Song "Vah Shakti Hame do"
		Practice Of School Song "Tapovan a gift of god"
		Practice Of Guru mantra for Thursday prayer.
	10 th	Give them knowledge about beginning, middle and ending of the song.
	10	Preparation For Foundation Day
		Practice Of Prayer Song "Vah Shakti Hame do"
		Practice Of School Song "Tapovan a gift of god"
	6 th	Practice Of Guru mantra for Thursday prayer.
	7 th	Practice Of Guru Vandana "Jyot se jyot jagao sadguru"
June	8 th	Practice Of Guru Vandana "Jyot se jyot jagao sadguru"
June	$\frac{o}{9^{th}}$	Practice Of Guru Bhajan "Guru chrne jara jai jo ne tu"
	-	Practice Of Guru Bhajan "Guru chrne jara jai jo ne tu"
	10 th	Practice Of Guru Bhajan "Guru chrne jara jai jo ne tu"
	6^{th}	Practice of Patriotic song "Bharat pyara desh hamara"
		Practice of Flag song " Vijay vishwa tiranga "
	th	National Song "Vande matram"
	7 th	Practice of Patriotic song "Bharat pyara desh hamara"
		Practice of Flag song " Vijay vishwa tiranga "
	-th	National Song "Vande matram"
July	8^{th}	Practice of Patriotic song "Sangthan gade chalo"
		Practice of Flag song " Vijay vishwa tiranga "
		National Song "Vande matram"
	9^{th}	Practice of Patriotic song "Sangthan gade chalo"
		Practice of Flag song " Vijay vishwa tiranga "
		National Song "Vande matram"
	10 th	Practice of Patriotic song " Sangthan gade chalo"
		Practice of Flag song " Vijay vishwa tiranga "
		National Song "Vande matram"
	6 th	Test
August	7 th	Test
/ 10 guot	8 th	Test

	9 th	Test
	10 th	Test
_	6 th	Practice Of Devotional song "Shabad – Tum thakur tum "
	7 th	Practice Of Devotional song "Shabad – Tum thakur tum "
September	8 th	Practice Of Devotional song "Bhajan – Hari tum haro "
•	9^{th}	Practice Of Devotional song "Kirtan – Krishna govind gopala "
	10 th	Practice Of Devotional song "Kirtan – Krishna govind gopala "
	6 th	Practice of Christmas carol "Mary's boy child"
October /	7 th	Practice of Christmas carol "Mary's boy child"
November	8 th	Practice of Christmas carol "Mary's boy child"
November	9^{th}	Practice of Christmas carol " Joy to the world"
	10 th	Practice of Christmas carol " Joy to the world"
	6 th	Watching vocal video.(light music,semi classical,classical and folk music)
December	7 th	Watching vocal video.(light music, semi classical, classical and folk music)
	8^{th}	Watching vocal video.(light music,semi classical,classical and folk music)
	9^{th}	Watching vocal video.(light music,semi classical,classical and folk music)
	10 th	Watching vocal video.(light music,semi classical,classical and folk music)
	6 th	Practice of Patriotic song "Kandho se milte he kandhe"
	7 th	Practice of Patriotic song "Kandho se milte he kandhe"
January	8 th	Practice of Patriotic song "Kandho se milte he kandhe"
-	9^{th}	Practice of Sarswati vandana "Vina vadini teri jay ho"
	10 th	Practice of Sarswati vandana "Vina vadini teri jay ho"
	6 th	Test and Musical Games
	7 th	Test and Musical Games
February	8 th	Test and Musical Games
	9^{th}	Test and Musical Games
	10 th	Test and Musical Games

Teacher's sign.

Principal's sign.

TAPOVAN INTERNATIONAL SCHOOL

YEARLY SYLLABUS (2019-20)

Std : 6 to 10 S

<u>SUB: MUSIC (instrumental)</u> Teacher name : Ashish Barot

Month	Class	Work Specification
	6^{th}	Give them knowledge about beginning rhythm, middle rhythm
		and ending rhythm of the song.
		Rhythm of Prayer song, School song & National Anthem on
	th	Congo.
	7^{th}	Give them knowledge about beginning rhythm, middle rhythm
		and ending rhythm of the song.
		Rhythm of Prayer song, School song & National Anthem on
·	8 th	Congo. Give them knowledge about beginning rhythm, middle rhythm
April	0	and ending rhythm of the song.
Арт		Rhythm of Prayer song, School song & Group Song on Congo.
	9^{th}	Give them knowledge about beginning rhythm, middle rhythm
	C C	and ending rhythm of the song.
		Rhythm of Prayer song, School song & Group Song on Congo
		& Drums.
	10 th	Give them knowledge about beginning rhythm, middle rhythm
		and ending rhythm of the song.
		Rhythm of Prayer song, School song & Group Song on Congo
	ath	& Drums.
	6^{th}	Rhythm Of Guru Vandana "Jyot se jyot jagao sadguru" on
	<i>tb</i>	Tabla & Dholak.
	7 th	Rhythm Of Guru Vandana "Jyot se jyot jagao sadguru" on
		Tabla & Dholak.
Jun	8^{th}	Rhythm Of Guru Bhajan "Guru chrne jara jai jo ne tu" on Tabla
Jun		& Dholak.
•	9^{th}	Rhythm Of Guru Bhajan "Guru chrne jara jai jo ne tu" on Tabla
		& Dholak.
	10 th	Rhythm Of Guru Bhajan "Guru chrne jara jai jo ne tu" on Tabla
		& Dholak.
	6 th	Rhythm of Patriotic song "Bharat pyara desh hamara" & Flag
	Ū	song " Vijay vishwa tiranga" & National Song "Vande matram"
		on Congo.
	7 th	Rhythm of Patriotic song "Bharat pyara desh hamara" & Flag
	,	song "Vijay vishwa tiranga" & National Song "Vande matram"
1	8 th	on Congo.
July	8	Rhythm of Patriotic song "Sangthan gade chalo"
		& Flag song "Vijay vishwa tiranga" & National Song "Vande
	th	matram" on Congo.
	9^{th}	Rhythm of Patriotic song "Sangthan gade chalo"
		& Flag song "Vijay vishwa tiranga" & National Song "Vande
		matram" on Congo.
	10 th	Rhythm of Patriotic song "Sangthan gade chalo"
		& Flag song "Vijay vishwa tiranga" & National Song "Vande
		matram" on Congo.
	6 th	Test
August	7 th	Test
August	8 th	Test
	9 th	Test
	9 10 th	
	10	Test

Г	6 th	Information about Table 9 Dividing of Dividing land
	D	Information about Tabla.& Rhythm of Devotional song
	th	"Shabad – Tum thakur tum " on Tabla & Dholak.
	7^{tn}	Information about Tabla.& Rhythm of Devotional song
September	15	"Shabad – Tum thakur tum " on Tabla & Dholak.
September	8^{th}	Rhythm of Devotional song "Bhajan – Hari tum haro " on
		Tabla & Dholak.
	9^{th}	Rhythm of Devotional song "Kirtan – Krishna govind gopala "
		on Tabla & Dholak.
	10 th	Rhythm of Devotional song "Kirtan – Krishna govind gopala "
		on Tabla & Dholak.
	6^{th}	Watching instrumental video.(light music, semi
		classical, classical and folk music)
	7 th	Watching instrumental video.(light music, semi
	- th	classical,classical and folk music)
October /	8^{th}	Watching instrumental video.(light music, semi
November	9 th	classical,classical and folk music) Watching instrumental video (light music, somi
	9	Watching instrumental video.(light music, semi classical,classical and folk music)
	10 th	Watching instrumental video.(light music, semi
		classical, classical and folk music)
	ath	,
	6 th	Information about Drums & Taught how to play Drum set.
		Rhythm of Christmas carol "Mary's boy child" on Congo &
	th	Drums.
December	7 th	Information about Drums & Taught how to play Drum set.
December		Rhythm of Christmas carol "Mary's boy child" on Congo &
-	11-	Drums.
	8^{th}	Revise Drum set & Rhythm of of Christmas carol "Mary's boy
		child" on Congo & Drums.
	9^{th}	Revise Drum set & Rhythm of Christmas carol " Joy to the
		world" on Congo & Drums.
	10 th	Revise Drum set & Rhythm of Christmas carol " Joy to the
		world" on Congo & Drums.
	6 th	Rhythm of Patriotic song "Kandho se milte he khandhe" on
		Congo & Dholak.
	7 th	Rhythm of Patriotic song "Kandho se milte he khandhe" on
		Congo & Dholak.
January	8^{th}	Rhythm of Patriotic song "Kandho se milte he khandhe" on
		Congo & Dholak.
	9^{tn}	Rhythm of Sarswati vandana "Vina vadini teri jay ho" on Tabla
		& Dholak.
	10 th	Rhythm of Sarswati vandana "Vina vadini teri jay ho" on Tabla
	-	& Dholak.
	6 th	Test, Notation of Sargam on Keyboard & Drum Beats on
	-	Drum set.
	7 th	Test, Notation of Sargam on Keyboard & Drum Beats on
	-	Drum set.
February	8 th	Test, Notation of Sargam on Keyboard & Drum Beats on
_	0	Drum set.
	9 th	Test, Notation of Sargam on Keyboard & Drum Beats on
	Э	Drum set.
	10 th	
	10	Test, Notation of Sargam on Keyboard & Drum Beats on
		Drum set.