

EXAMINATION PATTERN CLASS IX

(Session 2017-2018)

Internal Assessment - 20 Marks

(Student has to secure at least 33%marks out of overall 20 marks)

- **Periodic Test (Weightage)** **10 marks**
Maximum marks for two tests (Pre-mid-term (July) & Post-mid-term (Dec.) will be 40 each and Mid-Term (Sept.) 80 marks.
- **Note Book Submission** **5 marks**
Assessment will be on the basis of regularity , punctuality, Assignment Completion& neatness & Note Book Upkeep
- **Subject Enrichment Activities** **5 marks**
Languages: - Speaking, Listening & Reading
Mathematics & Science: - Practical & Lab activities
Social Science: -Map & Projects

Final Examination - 80 marks

Student has to secure at least 33%marks out of overall 80 marks)

Total **100 marks**

PROMOTION POLICY : A student must secure atleast 33% marks each in Final Exam in each subject to be eligible for promotion to next class.

NOTE : **Final Exam will be based on complete syllabus covered during the full session .**

General Instructions :

1. It is mandatory for a student to appear in each periodic test, Mid-Term and Final examination.
2. In case of illness, medical certificate must be submitted **within a week of the day of examination** failing which the student will be assigned zero marks in the respective exam.
3. No student will be allowed to go home after the periodic test for any reason. In case of illness, student must not be sent to the school in the morning.
4. Minimum 75% attendance throughout the session is mandatory for a student to be eligible to appear in the Final Examination .

ENGLISH

Month	BOOK	Lesson	SKILLS	APPLICATION	PROJECT/ ACTIVITY	LEARNING OUTCOME	TEACHING AID
APRIL & May	English Course (Communicative Literature Reader) B.B.C.	How I Taught My Grandmother to Read	Sensitize to family bonding	Express themselves in grammatically correct language.	Poem Recitation Theme : Parents / Grandparents/Value of education	Value for family relationships.	Educomp.
	Main Course Book (M.C.B.) B.B.C.	Unit - I People People	Skill of Analysing, interpreting and evaluating	Learning words which describe the physical appearance of people.	Listening to a speech / interview	Understanding of personal qualities of a person.	Educomp.
	Three Men in a Boat (Novel)	Chapter 1 to 3	Reading Skill	Knowledge of major characters		Reading Habit	Videos
	English Course Book	The Brook (Poem) The Dog Named Duke	Aesthetic Sense To Sensitize student towards animals	Organize ideas and thoughts in poetic style. To learn different ways in which dogs assist humans.	Introduction of Literary devices	How poetry can relate to their personal, social and cultural life. Patience and perseverance	Educomp.
	B.B.C . (Grammar)	Gap filling editing / Omitting	Organisation of thoughts	Learn to apply tenses	Passage completion using given notes.	Development of Knowledge of tenses.	Language Lab.
	B.B.C	Reading and writing type I & II (Reading) Article, Diary Entry, Story writing	Writing Skill	Creative Writing	B.B.C w/sheets B.B.C w/sheets	Improvement in reading and writing skills	Educomp
	M.C.B B.B.C.	Unit 2 Adventure	To express feelings & emotions	expressing and arguing a point of view		Appreciation of creativity of other	Web-chart for identifying characteristics and features of

ENGLISH

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	English Course Literature Reader B.B.C	The Road Not Taken (Poem)	Critical Thinking ability	Grammatical accuracy		Ability to respond to a situation	adventure. Educomp.
	B.B.C. (Grammar)	Grammar Sentence Re-ordering and reported speech	Organisation of thoughts	Ability to frame sentences	Intergrated grammar exercise	Ability to construct meaningful sentences facts about human psychology	Language Lab Educomp.
	Three Men in a Boat (Noval)	Lesson 4 & 5	Reading Skill	Knowledge of historical characteres			
JULY	Periodic Test						
JULY to SEPT	English Course Literature Reader B.B.C.	Lord Ullin's Daughter (poem) The Solitary Reaper (Poem)	Oral Skills	Learn to read with proper stress, intonation and pronunciation	Paraphrase the poem with different ending	Receptive to the ideas of others	Educomp.
	B.B.C (Grammar)	Passive voice, News headlines	Organisation of Thoughts and ideas	Intergrated grammar exercies in B.B.C	Passage Completion	Knowledge of grammar	Language Lab
	English Course	Villa for Sale (Drama) The Man who knew too much	Ability to Act	Use of wit and humour in creative manner	Ddebate - Themes - Money, Honour killing, Mystery	Learn group dynamics	Educomp.
	M.C.B	Unit - III Environment	Thinking Skills	writing short response and letters	News Reading	Conveying ideas effectively	Educomp.

ENGLISH

Month	BOOK	Lesson	SKILL	APPLICATION	PROJECT/ ACTIVITY	LEARNING OUTCOME	TEACHING AID
	Three Man in a Boat (Novel)	6,7,8,9,10	Reading Skills	To learn about various moods of two characters	Describe any incident in humorous manner	Learn coordination and sympathy	Educomp.
	B.B.C (Grammar)	Reading Passages	Language Skills	Conceptual understanding, analysing, Interpreting and Vocabulary)		Improvement in Reading Skill	Educomp.
	B.B.C.	Writing (Article, Diary Entry, Story Writing)	Writing Skills	Creative Writing Creative Writing	B.B.C. Worksheets	Improvement in writing skills	Educomp.
	M.C.B	Unit - IV, V Video / Radio Show Mystery	Skill of Scripting	Adopting varying styles of presenting different ideas.	Listening	Presentation of Oral reports	Educomp.
	Three Men in a Boat (Novel)	Chapter 11, 12, 13, 14, 15	Reading Skills	Knowledge about characters of Liberty on the basis of English democracy	class-discussion on a historical tip	Learn about historical facts	Educomp.
	English Course Literature Reader	Keeping it from Harold	To express emotions and feelings	To encourage, to respond to a personal dilemma		Improved reading Ignite Imagination	Educomp.
		The Seven Ages (Poem)	Quick Thinking Skill	To generate vocabulary appropriate to the understanding of the text.	Write a short poem comparing life with the seasons in nature	Learn to transcribe thoughts from-one genre to another	Web-chart on the theme of the poem
Sept.	Examination		Post Mid				
	English Course Literature Reader	Best Seller Oh! I Wish I'd Looked after me teeth	Reading skills to express emotions and skill of thinking critically	To know about different types of people	Vocabulary Test (Oral)	Understanding the quality of a person	Educomp.

ENGLISH

Month	BOOK	Lesson	SKILL	APPLICATION	PROJECT/ ACTIVITY	LEARNING OUTCOME	TEACHING AID
	Main Course Book	Unit - 6 Children	Comparing and Contrasting	Expressing and responding to personal opinion		Knowledge about Society	Educomp.
	B.B.C English Course Literature Reader	Reading Passages The Bishop's Candle -sticks and Song of the Rain	Reading Skills Think imaginatively & creatively	Language acquisition language acquisition of free oral presentation		Improve Reading Learn Values like helping and caring	Educomp
	Main Course Book (M.C.B)	Unit - 7 Sports and Games	Selecting and extracting	Writing Biography and newspaper report Creative Writing		Awareness about National games	Educomp
	Three Men in a Boat (Novel)	Chapter - 16, 17 18, 19	Reading and Aesthetic skills	To enjoy nature which is full of life		How to behave in adverse circumstances	Educomp
	B.B.C	Article, Diary Entry and Story Writing	Good writing and enhance communication	Better Expression		Ability to convey meaning better	Educomp
	B.B.C	Passive Voice & News Headlines, dialogue Competition	Learning of Authentic Language	Grammar exercise in B.B.C	B.B.C. Worksheets	Improve Linguistics elements	Educomp
DEC.	Periodic Test						
Jan. & Feb.	REVISION						
March	FINAL EXAMS.						

HINDI

मास	पुस्तकें	पाठ्यक्रम	कौशल	प्रयोगात्मकता	क्रियात्मक गतिविधियाँ	ज्ञानार्जन	सहायक सामग्री
अप्रैल	क्षितिज	दो बैलों की कथा कबीरदास वाख कृतिका इस जल प्रलय में नवयुग हिन्दी व्याकरण	कहानी सुनाना दोहा गायन छंद का प्रकार रिपोतार्ज शब्दबोध बातचीत कला समास विषय विस्तार प्रारूप	स्वतंत्रता सेनानियों के कार्यों का वर्णन दोहों को लयात्मक शैली में गाकर सुनाना सांप्रदायिकता सद्भाव पर चर्चा देखी सुनी आपदा का वर्णन उपसर्ग और प्रत्यय से शब्द बनाना सामाजिक व व्यक्तिगत जीवन से संबंधित संवाद समास विग्रह करते हुए भेदों का नाम विषय वस्तु, उपसंहार में विचारों को प्रकट करना विषय वस्तु, समापन	अपने किसी मित्र की विशेषताओं का वर्णन कबीर और रहीम से संबंधित दो-दो दोहे सामाजिक भेदभाव समाप्त करने का उपाय प्राकृतिक आपदाओं का जिम्मेवार कौन ? वाद – विवाद मूलशब्द, उपसर्ग और प्रत्यय अलग करना अपने आस-पास हुई घटनाओं, सभाओं व सामाजिक समस्याओं पर संवाद समास विग्रहों के समस्त पद बनाकर समास का नाम बताना। उदाहरण, काव्य पंक्ति का उल्लेख संबोधन व अभिवादन	मूक प्राणियों के प्रति स्नेह भाव व मित्रता का महत्व निर्गुण भक्तिधारा का ज्ञान ईश्वर प्राप्ति के लिए ज्ञान का महत्व प्राकृतिक आपदा से बचाव कैसे? शब्द निर्माण की जानकारी संवाद प्रस्तुति समास विग्रह व भेदों की जानकारी सामाजिक ज्ञान में वृद्धि पत्र लेखन कला	पाठ्य पुस्तक कबीर का चित्र, भक्तिकालीन कवि/कवयित्री का परिचय देना बाढ़ से संबंधित चित्र श्यामपट्ट और चॉक सामाजिक व व्यक्तिगत जीवन से संबंधित अनुभव श्यामपट्ट – चॉक विभिन्न पुस्तकें विभिन्न पुस्तकें
मई	क्षितिज	ल्हासा की ओर सवैया	यात्रा वृतांत छंद का प्रकार	वहाँ के लोगों के जन-जीवन की जानकारी मातृभूमि के प्रति संवेदनशीलता	किसी भी यात्रा वृतांत का वर्णन मातृभूमि के प्रति अपने विचार लिखना	तिब्बत की भौगोलिक व सामाजिक जानकारी सगुण भक्तिधारा की जानकारी	दर्शनीय स्थलों के चित्र! नियत कार्य संस्मरण पर आधारित चित्र

HINDI

मास	पुस्तकें	पाठ्यक्रम	कौशल	प्रयोगात्मकता	क्रियात्मक गतिविधियाँ	ज्ञानार्जन	सहायक सामग्री
	कृतिका नवयुग हिन्दी व्याकरण	मेरे संग की औरतें वाक्य भेद अपठित गद्यांश – पद्यांश निबंध (विचारात्मक) पत्र कक्षा – परीक्षा	संस्मरण वाक्य बोध पठन कला विषय – विस्तार प्रारूप	लेखिका के परिवार के सदस्यों द्वारा लीक से हटकर किए जाने वाले कार्य अर्थ की दृष्टि से वाक्य का प्रकार बताना। पूछे गए प्रश्नों के उत्तर देना विषय वस्तु प्रस्तुतिकरण, संदेश औपचारिकताएँ व विषय वस्तु	परिवार के किसी सदस्य के स्वभाव के बारे में लिखना वाक्य परिवर्तन करना प्रयुक्त परिवर्तन करना उदाहरण व काव्य पंक्ति का उल्लेख संबोधन व अभिवादन	जीवन में कैसे लोगों को श्रद्धाभाव से देखा जाए। अर्थ के आधार पर वाक्य ज्ञान बौद्धिक ज्ञान ज्ञान में वृद्धि पत्र लेखन कला	संस्मरण पर आधारित चित्र श्यामपट्ट – चॉक विभिन्न पुस्तकें विभिन्न पुस्तकें विभिन्न पुस्तकें व अपने विचार
जुलाई	क्षितिज नवयुग हिन्दी व्याकरण	उपभोक्तावाद की संस्कृति साँवले सपनों की याद नाना साहब की पुत्री देवी मैना को भस्म कर दिया गया ग्राम श्री अलंकार पत्र-औपचारिक व अनौपचारिक	दिखावे की संस्कृति रिपोतार्ज रिपोतार्ज ग्रामीण चित्रण अलंकार बोध प्रारूप	विज्ञापनों का बच्चों पर बढ़ता प्रभाव ग्लोबल वार्मिंग के खतरों की जानकारी मातृभूमि के प्रति स्नेह को जन-मन तक पहुँचाना यदि आपको गाँव में रहना पड़े तो कैसा लगेगा। अलंकार के भेदों का ज्ञान व उनके अंतर्गत एक-एक उदाहरण औपचारिकताएँ व विषय वस्तु	विज्ञापन प्रस्तुति व अभिनय पर्यावरण शुद्धता के लिए उठाए जाने वाले कदम स्वतंत्रता आंदोलन के अछूते पक्ष से परिचित करवाना रचना अभिव्यक्ति के प्रश्न अलंकार छाँटकर भेद बताना संबोधन व अभिवादन	वस्तुओं को खरीदने की गुणवत्ता सिखानी पर्यावरण संबंधित ज्ञान जिन देश भक्तों का व्यक्तित्व प्रकाश में नहीं आया, उनसे परिचित करवाना ग्रामीण जीवन की वास्तविकता से परिचित करवाना अलंकारों की उदाहरण सहित जानकारी पत्र लेखन कला	विज्ञापनों के चित्र सालिम अली का चित्र संबंधित चित्र फल, फलों की जानकारी, नियत कार्य पाठ्य पुस्तक की कविताएँ विभिन्न पुस्तकें

HINDI

मास	पुस्तकें	पाठ्यक्रम	कौशल	प्रयोगात्मकता	क्रियात्मक गतिविधियाँ	ज्ञानार्जन	सहायक सामग्री
अगस्त	क्षितिज	प्रेमचंद के फटे जूते चंद्रगहना से लौटती बेर	निबंध प्राकृतिक चित्रण	प्रेमचंद जी के जीवन की विशेषताएँ प्राकृतिक के दृश्यों का वर्णन	किसी प्रसिद्ध व्यक्ति की वेशभूषा पर विचार प्रकट करना रचना अभिव्यक्ति के प्रश्न, गाँव के प्राकृतिक दृश्य का चित्रण।	प्रेमचंद जी के जीवन की जानकारी मानव और प्रकृति का संबंध	प्रेमचंद जी के उपन्यासों की जानकारी देना ग्रामीण क्षेत्र में प्राकृतिक सौंदर्य का चित्रण।
सितंबर		पुनरावृत्ति अर्द्ध-वार्षिक परीक्षा					
अक्टूबर	क्षितिज कृतिका नवयुग हिंदी व्याकरण	एक कुत्ता और एक ऐना मेरे बचपन के दिन मेघ आए यमराज की दिशा रीढ़ की हड्डी माटी वाली निबंध	संवेदनशीलता व सहानुभूति संस्मरण भावभिव्यक्ति में सक्षमता जागरूकता एकांकी आत्मिक जागरूकता	पशु-पक्षियों से मिलने वाले प्रेम, भक्ति, विनोद और करुणा जैसे भावों का वर्णन लड़कियों की दशा का ज्ञान जल संरक्षण जरूरी क्यों अपनी माँ द्वारा दी गई सीख का वर्णन नारी के सम्मान हेतु दहेज न लेने व देने का प्रण साधारण लोगों की समस्याओं का वर्णन	पशु-पक्षियों के प्रेम से जुड़ी किसी घटना को कलात्मक शैली में लिखना अपने जीवन की कोई अविस्मरणीय घटना कविता रचना आतंकवादी हमलों में हानियों पर रिपोर्ट दहेज विरोधी गतिविधियों में भाग लेना विस्थापन की समस्या पर अनुच्छेद	मूक प्राणियों के भावों को समझना सांप्रदायिक सद्भावना का ज्ञान प्राकृतिक सौंदर्य की जानकारी शोषणकारी ताकतों से परिचय स्त्री शिक्षा एवं स्त्री विवाह से संबंधित फैले कुविचारों का ज्ञान निर्धन परिवार की समस्याओं का ज्ञान	रविंद्रनाथ जी का चित्र महादेवी वर्मा का चित्र पेड़, प्रकृति, सौंदर्य का चित्र श्यामपट्ट – चॉक नाटक रूप चित्र

HINDI

मास	पुस्तकें	पाठ्यक्रम	कौशल	प्रयोगात्मकता	क्रियात्मक गतिविधियाँ	ज्ञानार्जन	सहायक सामग्री
नवंबर	क्षितिज	बच्चे काम पर जा रहे हैं	संवेदनशीलता	मजदूर बच्चों की विवशता का वर्णन	बाल मजदूरी पर भाषण	सामाजिक समस्याओं के प्रति जागरूकता	बालमजदूरी पर कोई कविता
	कृतिका	किसी तरह आखिरकार मैं हिंदी में आया	प्रत्यास्मरण	लेखक की संघर्षमयी जिंदगी का वर्णन	अपने जीवन से जुड़ी जानकारी डायरीबद्ध कीजिए	संघर्षों से रास्ते स्वयं बनते हैं	हरिवंशराय बच्चन जी का चित्र, नियत कार्य
	नवयुग हिन्दी व्याकरण	अलंकार	अलंकार बोध	काव्य पंक्तियों में से अलंकार छाँटकर भेदों के नाम	शब्दालंकार और अर्थालंकार के अंतर्गत अलंकारों का एक-एक उदाहरण लिखिए।	अलंकारों का अर्थ व जानकारी	पाठ्य पुस्तक की कविताएँ
कक्षा परीक्षा							
दिसंबर		पुनरावृत्ति					
जनवरी		पुनरावृत्ति					
फरवरी		पुनरावृत्ति					
मार्च		वार्षिक परीक्षा					

MATHEMATICS

Month	Lesson	SKILL	APPLICATION	PROJECT/ ACTIVITY	LEARNING OUTCOME	TEACHING AID
APRIL	Ch - 1 Number System	It develops the systematic approach and accuracy.	It meets the demand of modern science and technology. To arouse the child's interest in quantitative side of world.	Represent square root spiral on number line.	Students will learn beauty of numbers.	1. Geometry Box 2. Educomp System
	Ch - 14 Statics	Analytical skill will be developed	Used of statistics in various fields like medical science and economics	ISA Project (Mathematical data Panoply)	Student will learn how to interpret means median and mode and student will learn how to collect, Represent and interpretation of data.	1. Educomp system 2. Graphical Representation
	Ch - 15 Probability	It make the students decision making		Measure the chance of occurrence of outcomes in a experiment using dice.		
MAY	Ch - 2 Polynomial	Calculational and computational skills and power of generalisation will be developed	It provide an effective way for expressing complicated relatives and equations	Geometrical representation of algebraic expression of the type x^2+bx+c (Using Graphpaper Grids)	It provide the good mental training	Educomp System and Maths Lab. activities
	Ch - 5 Euclid Geometry	Abstract Reasoning will be developed.		Model / Project		
JULY	Ch - 6 Line and Angles	Abstract and logical reasoning will be developed	Useful in Engineering construction and interior decoration also useful in real life to design objects	To locate the centroid of triangle (By paper folding method)	Student will learn about the beauty of mind through. These geometrical concepts	1. Use model from maths lab to explain various concept of geometry. 2. Educomp System
	Ch - 7 Triangles					

MATHEMATICS

Month	Lesson	SKILL	APPLICATION	PROJECT/ ACTIVITY	LEARNING OUTCOME	TEACHING AID
AUG.	Ch - 7 Triangle Continued					
	Ch - 8 Quadrilateral	Abstract and logical reasoning will be developed	Useful in Engineering Construction and interior designing also use ful in real life to design various object.	1. Triangle inequality	Students will learn about similarly, eongurancy and various geometrical concepts.	1. Use Model from maths lab and perform different activity to impart the knowledge to explain various concepts of geomatry
	Chapter - 9 Area of parallelogram and Triangle					2. Educomp Systems
SEPT.	Revision and Periodic Test					

MATHEMATICS

Month	Lesson	SKILL	APPLICATION	PROJECT/ ACTIVITY	LEARNING OUTCOME	TEACHING AID
OCT.	Ch - 10 Circle	Abstract reasoning will be developed	Useful in engineering construction and interior decoration.	British Council ISA Project (Analytical Analysis)	Students will learn the concept of plane figure used in real life situation	1. Maths lab Activity 2. Educomp system
	Ch - 11 Construction			To Verify angle subtended by an arc of the circle at the centre is double the angle subtended by same arc in remaining part of the circle		
	Ch - 12 Area of Triangle Heron's Formula	Logical and reasoning skill developed				
NOV.	Ch - 3 Co-ordinate Geometry	Analytical and Problem solving skill developed	Used in higher study and various branch of mathematics and science		Students will learn how to identify a particular location. They will learn about town planning etc learn about which are based on co-ordinate geometry	1. Activity using grid graphpaper 2. Educomp System 3. Using of shapes from maths lab to explain the topics of surface area and volume
	Ch - 4 Linear Equation in two variable					
	Ch - 13 Surface are and volume	Logical reasoning skill will be developed	Used in real life to design objects.		Student will learn about solid figure about their surface and volume and also about different type of combination of solid	
DEC.	Periodic Test - III					
JAN.- FEB.	REVISION					
MARCH	ANNUAL EXAM.					

SCIENCES

Month	Book	Lesson	Practical
APRIL		Physics - Motion Chemistry - Matter in our surroundings Biology - The Fundamental Unit of life	Biology - Expt 1 To prepare a stained mount of an onion peel and to record observation and draw labelled diagram Expt 2 To prepare a stained temporary mount of human cheek cells, record observation and draw labelled diagrams Expt 3 To determine the percentage of water imbibed by rasins. Chemistry - Expt 1 To determine the melting point of ice. Expt 2 To determine the boiling point of water
MAY		Physics - Motion, Force and Laws of Motion Chemistry - Matter In our surroundings. Biology - Tissues.	Biology - Expt 1 From prepared slides to identify parenchyma and sclerenchyma tissues in plants and draw their labelled diagrams. Physics - Expt 1 To study the III law of motion using 2 spring balances. Chemistry - Expt 1 Syllabus - Motion, Fundamental Unit of life, Matter in our surrounding
JULY		Physics - Force and laws of Motion Chemistry - Is Matter around us Pure Biology - Tissues Diversity in living Organisms	Biology - Expt 1 From prepared slides to identify striped muscle fibers and nerve cells in animals and draw their diagrams. Chemistry - Expt 1 To prepare true solution of common salt, sugar and alum in water. Expt 2 To prepare suspensions of chalk, soil and fine sand separately in waters. Expt 3 To prepare colloidal sol. of starch in water and egg albumin in water Expt 4 To differentiate b/w true solution, suspension and colloidal sol. on the basis of transparency. Expt 5 To differentiate b/w true solution, suspensions and colloidal sol. on the basis of filtration. Expt 6 To differentiate b/w true solution, suspensions and colloidal solution on the basis of stability. Expt 7 To prepare (a) Ancirture (b) A compound using iron fillings and sulphur powder To distiguish b/w mixture and compound on the basis of (a) Appearance (i.e homogeneity and heterogeneity) (b) Its behaviour towards a magnet (c) Its behaviour towards carbon disulphide as a solvent (d) Effect of heat.

SCIENCES

Month	Book	Lesson	Practical
			Pt - Matter in our surroundings, Motion, Cell, Tissues, Is Matter Around Us Pure
AUG		Physics - Gravitation Chemistry - Is matter Around Us Pure Biology - Diversity in Living Organisms	Biology - Plant Kingdom Expt 1 To study characteristics of spirogyra / Agaricus, Moss/Fern, Pines (either with male or female cone) and an Agiospermic plant. Draw and give 2 identifying features of group they belong to. Adaptations in Animals Expt 1 To observe and draw the given specimens earthworm, cockroach, bony fish and bird. For each specimen, record. (1) One specific feature of its phylum (2) One adaptive features with reference to its habitat. Monocots and Dicots Expt 1 To study the features of seeds of monocots and dicot plants. Expt 2 To compare the external features of root, stem, leaf and flower of monocot and dicot plants Chemistry - Expt 1 To study the reactions that take place b/w iron and copper sulphate solution in water and to identify the type of change. Expt 2 To study the reaction when magnesium ribbon in burnt in air and to identify the type of change. Expt 3 To study the reaction b/w Zinc and dil sulphuric acid and to classify the type of change Expt 4 To study and identify the changes that occur when copper sulphate crystals are heated. Expt 5 To study and identify the reaction and type of change b/w the aqueous solutions of sodium sulphate and barium chloride.
SEP	Half Yearly Exams		
OCT		Physics - Floatation Chemistry - Atoms and Molecules Biology - Improvement in Food Resource	Biology - Expt 1 To test the presence of starch in the given food sample. Expt 2 To test the presence of the adulterant metanil yellow in dal Physics - Expt 1 To establish the relation b/w the loss in weight of solid when fully immersed in (I) top water (II) strong salt water, with the weight of water

SCIENCES

Month	Book	Lesson	Practical
			<p>displaced by it, by taking at least two different solids.</p> <p>Expt 2 To determine the density of a solid (denser than water) by using a spring balance and measuring cylinder.</p> <p>Expt 3 Observe and compare the pressure exerted by a solid iron cuboid on fine sand/wheat flour while resting on its three different faces.</p> <p>Expt 4 To calculate the pressure exerted in the three different cases.</p> <p>Chemistry - Expt 1 To verify the law of conservation of mass in a chemical reaction.</p>
NOV		<p>Physics - Work and Energy</p> <p>Chemistry - Atoms and Molecules, Structure of the Atom</p> <p>Biology - Improvement in food Resources Why Do we Fall ill ?</p>	
DEC		<p>Physics - Sound</p> <p>Chemistry - Structure of the Atom</p> <p>Biology - Why do we fall ill ? - Natural Resources</p>	<p>Biology Expt 1 To study the life cycle of a mosquito</p> <p>Physics Expt 1 To verify the laws of reflection of sound</p> <p>Expt 2 To determine the speed of a transverse pulse propagated through a stretched string.</p> <p>Expt 3 To determine the speed of a longitudinal pulse propagated through a stretched string</p>

SOCIAL SCIENCES

Month	Lesson	SKILL	APPLICATION	LEARNING OUTCOME	TEACHING AID
APRIL	Geography: L - 1 India - size and Location of India	Understanding Skill, Map Skill	Standard Meridian and calculation of local time, location, relief structure.	To understand the major landform features and underlying geological structure.	Educomp and map Synopsis / Assignment
	L-2 Physical features	Self Awareness Map	Major Physiographic units.	Association with various rocks and minerals as well as nature of soil type	Edu comp and map, Globe
	L-3 Drainage	Understanding Skill	Major rivers and tributaries, lakes and seas, role of rivers in the economy, pollution of the river and measure to control.	To understand the river system of the country.	Educomp. , Map, various drainage patterns Synopsis /Assignment
	Economics : L - 1 The Economic Story of Palampur	Thinking and Social Skill	Economic transactions of Palampur and its interaction with the rest of the World through which the concept of production can be introduced.	Familiarizing the children with some basic economic concepts through an imaginary story of a village.	Graph Study Synopsis / Assignment Chart-Variou factors of production.
	L-2 People as Resource	Thinking Skill Social Skill Understanding Skill	Introduction of how people become resource, eco-activity done by men and women, unpaid work done by women, quality of human resource, role of health and education.	Familiarization to a few population related concepts and sensitization of child that people as assets can participate and contribute in nation - building.	Educomp. Synopsis /Assignment
MAY	Poverty as Challenge	Understanding skill	who si poor, indicators, absolute poverty why people are poor unequal distribution of resources, comparison between countires, steps taken by govt for poverty alleviation	Understanding of poverty as a challenge, and sensitization of the learner, Appreciation of govt. initiatine to alleviate poverly	Educomp. Assignment current data of poverty in India

SOCIAL SCIENCES

Month	Lesson	SKILL	APPLICATION	LEARNING OUTCOME	TEACHING AID
	Political Science L-2 What is Democracy, why Democracy	Understanding and conceptual skills	What are the alternatives to democracy? Is democracy superior to its available alternatives? Must every democracy have the same institutions and values?	Developing sophisticated defence of democracy against common prejudice. Develop a historical sense of the choice and nature of democracy in India.	Educomp picture Synopsis / Assignment live example daily news.
	L-3 Constitutional Design	Conceptual, self-awareness	How and why did India become a democracy? How was the Indian constitution framed, salient features of the Indian constitution.	Recognise that constitution is a living document that undergoes change. Introduce the idea of representative democracy. Familiarize and reasons for choosing this.	Educomp Synopsis / Assignment. Live examples from daily news etc.
	History L - 1 French Revolution	Understanding skill	The Ancien Régime and its crisis. The social forces that led to the revolution. The different revolutionary groups and ideas of the time. The legacy	Show how written, oral and visual material can be used to recover the history of revolutions.	Educomp. Synopsis / Assignment & Map Pictures related with French Revolution will be shown
	L-3 Rise of Nazism	Understanding Skill	The growth of social democracy, the crisis in Germany, the basis of Hitler's rise to power. The ideology and impact of Nazism	Discuss the critical significance of Nazism in shaping the politics of modern world. Familiarize the student with the speeches and writings of Nazi leaders.	Educomp. and map Synopsis / Assignment Pictures related with Nazism will be shown
JULY	History : L - 2 Socialism in Europe and the Russian Revolution	Understanding Skill	The crises of Tsarism. The nature of social movements between 1905 and 1917. The First World War and foundation of Soviet state. The legacy	Familiarize students with the names of people involved, the different types of ideas that inspired the revolution.	Educomp. map Assignment, Pictures related with revolution will be shown
	Economics : L-4 Food Security PERIODIC TEST - I	Understanding	Sources of food grains, role of govt in food security, procurement of food grains, PDS, Role of cooperatives in food security.	Exposing the child to an economic issue which is basic necessities of life. Appreciate and critically look at the role of government in ensuring food supply	Educomp. Synopsis / Assignment Examples of BPT, Ration Cards, Aadar Cards will be shown

SOCIAL SCIENCES

Month	Lesson	SKILL	APPLICATION	LEARNING OUTCOME	TEACHING AID
AUG.	Revision				
SEPT.	Half Yearly - Examination				
OCT.	Geography - L-4 Climate	Understanding/ Application / Observation Skill	Factors influencing the climate, monsoon and its characteristics, rainfall and seasons, climate and human life.	To identify the various factors influencing the climate and explain the climatic variation of our country and its impact on the life of the people.	Educomp, Map Synopsis /Assignment Practical exercise of day to day phenomenon changes.
	L - 5 Natural Vegetation	Understanding & Observation Skill	Vegetation types, distribution as well as altitudinal variations, need for conservation and various measures.	To find out the nature of diverse flora and fauna as well as their distribution.	Educomp., Map Pictures related to project started by govt.
	L - 6 Population	Self Awareness / Understanding	Size, distribution, age, sex, composition, population change, literacy, health, occupational structure and NPP.	To analyse the uneven nature of population distribution and show concern about the large size of our population. To understand the various occupations of people and explain various factors of population change.	Group Discussion, Educomp., Live examples of daily life. Synopsis /Assignment
NOV.	History L - 5 Postoralists in the modern world	Understanding	Postoralism as a way of life. Different forms of postoralism. What happens to postoralism under colonialism and modern states	Consider what happen to postoralists and postoralism in the modern world. with the formation of modern states, marking of boundries. Processes of sedentarization contraction of pastures and expansions of markets.	Map and educomp. Sysopsis / Assignments Examples from daily life.
	Political Science - L-4 Electoral Politics	Self Awarness conceptual skill	Why and how do we elect representatives ? why do we have a system of completion among politics parties ? How has the citizens Participation in electoral politics changed ? What are the ways to ensure free and fair elections ?	Develop an appreciation of citizens increased participation in electrocal politics. Recognise the significance of the election commision	Educomp. Elections to monitors in class Synopsis /Assignments.

SOCIAL SCIENCES

Month	Lesson	SKILL	APPLICATION	LEARNING OUTCOME	TEACHING AID
	L-5 Institutions of parliamentary democracy	Understanding	How is country governed ? Need of parliament in our democracy, Role of the president, the Prime Minister and Council of Ministers and relation with one another.	Distinguish between nominal and real executive authorities and functions. Understand the parliamentary system of executive's accountability to the legislature.	Educomp. Quoting Different examples. Synopsis/Assignments
	L-6 Democratic Rights	Self Awareness Thinking Skill	Why do we need rights in a constitution?	Develop a citizen's awareness of their rights. Introduction to and appreciation of the fundamental rights. Recognition of the ways in which these rights are exercised and denied in real life situations.	Educomp. Aware them about rights and duties by quoting examples. Synopsis/ Assignments
DEC.	Periodic Test				
JAN-FEB	Revision				
MARCH	Annual Exam				

PUNJABI

ਮਹੀਨਾ	ਪਾਠਕ੍ਰਮ	ਕੋਸ਼ਲ	ਪ੍ਰਯੋਗ	ਕਿਰਿਆਤਮਕ ਗਤੀਵਿਧੀ	ਗਿਆਨ ਪ੍ਰਾਪਤੀ	ਸਹਾਇਕ ਸਮੱਗਰੀ
1. ਸਾਹਿਤ ਰੰਗ ਭਾਗ - 1 2. ਸਾਹਿਤਕ ਕਿਰਨਾਂ ਭਾਗ - 1 3. ਸੀ. ਬੀ. ਐਸ. ਈ. ਵਿਆਕਰਨ ਪੰਜਾਬੀ ਅਤੇ ਲਿਖਤ ਰਚਨਾ (ਨਰਿੰਦਰ ਸਿੰਘ ਦੁੱਗਲ)						
ਅਪ੍ਰੈਲ	ਕਹਾਣੀ - ਇੱਕ ਸਧਾਰਨ ਆਦਮੀ ਕਵਿਤਾ - ਸ਼ੇਖ਼ ਫ਼ਰੀਦ ਦੀਆਂ ਰਚਨਾ ਜੀਵਨੀ - ਕਰਤਾਰ ਸਿੰਘ ਸਰਾਭਾ ਵਿਆਕਰਨ - ਸ਼ਬਦ ਜੋੜ ਲੇਖ - ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਪੱਤਰ - ਨਿੱਜੀ ਪੱਤਰ	ਉਚਾਰਨ ਕਲਾ ਅਤੇ ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ	ਨਵੇਂ ਸ਼ਬਦਾਂ ਦੀ ਜਾਣਕਾਰੀ ਕਰਤਾਰ ਸਿੰਘ ਸਰਾਭਾ ਦੀ ਜੀਵਨੀ ਤੋਂ ਦੇਸ਼ ਭਗਤੀ ਅਤੇ ਕੁਰਬਾਨੀ ਦੀ ਸਿੱਖਿਆ	ਖੇਤੀ ਦੇ ਸੰਦਾਂ ਨਾਲ ਸੰਬੰਧਤ ਚਾਰਟ	ਟਕਸਾਲੀ ਭਾਸ਼ਾ ਦੀ ਸਹੀ ਜਾਣਕਾਰੀ, ਸ਼ਬਦ ਅਸ਼ੁੱਧੀਆਂ ਦੀ ਸੋਧ	ਕਹਾਣੀ ਵਿਚਲੇ ਸਧਾਰਨ ਆਦਮੀ ਨਾਲ ਮਿਲਦੀ ਜੁਲਦੀ ਕੋਈ ਹੋਰ ਕਹਾਣੀ ਸੁਣਾਉਣੀ।
ਮਈ	ਕਵਿਤਾ - ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਦੀ ਰਚਨਾ ਭਾਈ ਵੀਰ ਸਿੰਘ ਦੀ ਰਚਨਾ ਇਕਾਂਗੀ - ਕਿਰਤ ਦਾ ਸਤਿਕਾਰ ਵਾਰਤਕ - ਕੱਬਡੀ, ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ ਵਿਆਕਰਨ - ਲਿੰਗ ਬਦਲੋ (110 ਪੇਜ਼) ਵਿਪਰੀਤਾਰਥਕ ਸ਼ਬਦ (75 ਪੇਜ਼) ਮੁਹਾਵਰੇ (ਉ,ਅ), ਵਾਕ-ਸ਼ੁੱਧੀ (190 ਪੇਜ਼) ਲੇਖ - ਆਮ ਵਾਕਫੀਅਤ ਦੇ ਅਧਾਰ ਤੇ ਪੱਤਰ - ਦਫ਼ਤਰੀ ਪੱਤਰ, ਅਣਡਿੱਠਾ ਪੈਰਾ	ਧੁਨੀ ਗਿਆਨ ਤੇ ਭਾਸ਼ਾ ਬੋਧ	ਇਕਾਂਗੀ ਤੋਂ ਹੱਥੀ ਕੰਮ ਕਰਨ ਤੇ ਕਿਰਤ ਦੀ ਮਹੱਤਤਾ ਬਾਰੇ ਸਿੱਖਿਆ	ਜਿੰਦਗੀ ਵਿੱਚ ਸਮੇਂ ਦਾ ਮਹੱਤਵ, ਪੇਂਡੂ ਖੇਡਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿੰਦਾ ਇੱਕ ਚਾਰਟ ਤਿਆਰ ਕਰਨਾ	ਨਿਮਰਤਾ ਦਾ ਗੁਣ ਧਾਰਨ ਕਰਨਾ, ਸਮੇਂ ਦੀ ਸੰਭਾਲ ਅਤੇ ਨੈਤਿਕ ਕਦਰਾਂ ਕੀਮਤਾਂ ਸਮਝਣ ਦੇ ਯੋਗ ਬਣਾਉਣਾ	ਅਖਾੜੇ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾਉਣਾ ਦਫ਼ਤਰੀ ਪੱਤਰਾਂ ਦੇ ਨਮੂਨੇ ਸਮਝਾਉਣਾ
ਜੂਨ	ਗਰਮੀਆਂ ਦੀਆਂ ਛੁੱਟੀਆਂ					
ਜੁਲਾਈ	ਵਾਰਤਕ - ਮਹਾਤਮਾ ਬੁੱਧ ਦੀਆਂ ਸੂਖਮਤਾਈਆਂ ਕਵਿਤਾ - ਮੈਂ ਪੰਜਾਬੀ ਪੰਜਾਬ ਦਾ ਰਹਿਣ ਵਾਲਾ ਵਿਆਕਰਨ - ਮੁਹਾਵਰੇ (ੳ), ਵਿਸਮਿਕ ਲੇਖ - ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਪੱਤਰ - ਨਿੱਜੀ ਪੱਤਰ, ਦ੍ਰਿਸ਼ ਦੇ ਅਧਾਰ ਤੇ ਵਰਣਨ ਵਿਰੋਧੀ (76 ਪੇਜ਼), ਲਿੰਗ (111 ਪੇਜ਼)	ਉਚਾਰਨ ਕਲਾ, ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ	ਮਾਂ ਬੋਲੀ ਪੰਜਾਬੀ ਦੀ ਇੱਜਤ ਕਰਨ ਦੀ ਸਿੱਖਿਆ	ਮਹਾਤਮਾ ਬੁੱਧ ਦੇ ਉਪਦੇਸ਼ਾਂ ਨੂੰ ਸੰਖੇਪ ਵਿੱਚ ਲਿਖਣਾ	ਨਿਮਰਤਾ ਦਾ ਗੁਣ ਧਾਰਨ ਕਰਕੇ ਆਤਮਕ ਸੁੱਖ ਦੀ ਪ੍ਰਾਪਤੀ	ਚਿੱਤਰ ਦਿਖਾ ਕੇ ਉਸ ਬਾਰੇ ਵਰਣਨ ਕਰਨਾ

PUNJABI

ਮਹੀਨਾ	ਪਾਠਕ੍ਰਮ	ਕੋਸ਼ਲ	ਪ੍ਰਯੋਗ	ਕਿਚਿਆਤਮਕ ਗਤੀਵਿਧੀ	ਗਿਆਨ ਪ੍ਰਾਪਤੀ	ਸਹਾਇਕ ਸਮੱਗਰੀ
ਅਗਸਤ	ਵਾਰਤਕ - ਗੱਪਬਾਜ਼ ਵਿਆਕਰਨ - ਮੁਹਾਵਰੇ (ਸ), ਵਿਰੋਧੀ (77 ਪੇਜ਼) ਲੇਖ - ਆਮ ਵਾਕਫੀਅਤ ਦੇ ਅਧਾਰ ਤੇ ਪੱਤਰ - ਦਫ਼ਤਰੀ ਪੱਤਰ ਲਿੰਗ ਬਦਲੇ (112 ਪੇਜ਼) ਵਾਕ-ਸ਼ੁੱਧੀ (192 ਪੇਜ਼) ਦੁਹਰਾਈ	ਉਚਾਰਨ ਕਲਾ	ਗੱਪਬਾਜ਼ਾਂ ਤੋਂ ਸਾਵਧਾਨ ਰਹਿਣ ਦੀ ਪ੍ਰੇਰਨਾ	ਪਿੰਡ ਦੀ ਸੱਥ ਦਾ ਦ੍ਰਿਸ਼ ਦਿਖਾਉਣਾ	ਜਿੰਦਗੀ ਵਿੱਚ ਕਦੇ ਵੀ ਗੱਪ ਨਾ ਮਾਰਨ ਦੀ ਸਿੱਖਿਆ	ਆਮ ਵਾਕਫੀਅਤ ਦੇ ਅਧਾਰ ਤੇ ਲੇਖ ਲਿਖਣਾ ਸਿਖਾਉਣਾ
ਸਤੰਬਰ	ਛਿਮਾਹੀ ਪ੍ਰੀਖਿਆ					
ਅਕਤੂਬਰ	ਕਵਿਤਾ - ਰੁੱਖ (ਸ਼ਿਵ ਕੁਮਾਰ ਬਟਾਲਵੀ) ਕਹਾਣੀ - ਪ੍ਰਦੇਸ ਨਾ ਤੂੰ ਤੋਰੀਂ ਬਾਬਲਾ ਵਾਰਤਕ - ਸਵੈ-ਰੱਖਿਆ, ਅਣਡਿੱਠਾ ਪੈਰਾ ਵਿਆਕਰਨ - ਵਿਪਰੀਤਾਰਥਕ ਸ਼ਬਦ (78 ਪੇਜ਼) ਮੁਹਾਵਰੇ (ਹ), ਲਿੰਗ ਬਦਲੇ (113 ਪੇਜ਼) ਲੇਖ - ਵਿਚਾਰ ਪ੍ਰਧਾਨ, (ਦ੍ਰਿਸ਼ ਦੇ ਅਧਾਰ ਤੇ ਵਰਣਨ) ਪੱਤਰ - ਨਿੱਜੀ ਪੱਤਰ,	ਉਚਾਰਨ ਕਲਾ, ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ	ਸਵੈ-ਰੱਖਿਆ ਲਈ ਜੂਡੋ - ਕਰਾਟਿਆਂ ਦਾ ਅਭਿਆਸ, ਸਮਾਜਿਕ ਕੁਰੀਤੀਆਂ ਵਿਰੁੱਧ ਜਾਗਰੂਕ ਹੋਣਾ	ਵਿਦੇਸ਼ ਜਾ ਰਹੇ ਨੌਜਵਾਨਾਂ ਦੇ ਅੰਕੜਿਆਂ ਨਾਲ ਸਬੰਧਤ ਚਾਰਟ ਬਣਾਉਣਾ	ਰੁੱਖਾਂ ਦੀ ਸਾਡੀ ਜਿੰਦਗੀ ਵਿੱਚ ਅਹਿਮੀਅਤ ਬਾਰੇ ਦੱਸਣਾ	ਇੰਟਰਨੈਟ ਤੋਂ ਅੰਕੜੇ ਇਕੱਠੇ ਕਰਨਾ
ਨਵੰਬਰ	ਕਵਿਤਾ - ਨਿਰਧਨ (ਨੰਦ ਲਾਲ ਨੂਰਪੁਰੀ) ਵਾਰਤਕ - ਪੰਜਾਬੀ ਵਿਰਸਾ ਕਹਾਣੀ - ਦੁੱਧ ਤੇ ਪੁੱਤ ਜਵਿਨੀ - ਕਲਪਨਾ ਚਾਵਲਾ ਵਿਆਕਰਨ - ਵਿਰੋਧੀ (79 ਪੇਜ਼) ਲੇਖ - ਆਮ ਵਾਕਫੀਅਤ ਦੇ ਅਧਾਰ ਤੇ ਪੱਤਰ - ਦਫ਼ਤਰੀ ਪੱਤਰ, ਵਾਕ-ਸ਼ੁੱਧੀ (199 ਪੇਜ਼) ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ	ਪੰਜਾਬੀ ਵਿਰਸੇ ਨਾਲ ਜਾਣ-ਪਛਾਣ	ਮਾਂ ਬਾਪ ਦੇ ਬੁਢਾਪੇ ਦੀ ਡੰਗੋਰੀ ਬਣਨ ਦਾ ਪ੍ਰਣ ਗਿਆਨ, ਵਿਗਿਆਨ ਬਾਰੇ ਜਾਣਕਾਰੀ	ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਨਾਲ ਸੰਬੰਧਤ ਕੋਲਾਜ	ਅਮੀਰੀ ਗਰੀਬੀ ਦਾ ਵਿਤਕਰੇ ਤੋਂ ਉਪਰ ਉਠਣਾ, ਅਮੀਰ ਪੰਜਾਬੀ ਵਿਰਸੇ ਜਾਣਕਾਰੀ	ਦਫ਼ਤਰੀ ਪੱਤਰਾਂ ਦੇ ਨਮੂਨੇ ਦੱਸਣੇ, ਰੂਪ-ਰੇਖਾ ਸਮਝਾਉਣੀ ਤ੍ਰਿਵਣ ਦਾ ਦ੍ਰਿਸ਼, ਪੀਘਾਂ ਝੂਟਦੀਆਂ ਮੁਟਿਆਰਾਂ ਅਤੇ ਕਿੱਕਲੀ ਪਾਉਂਦੀਆਂ ਮੁਟਿਆਰਾਂ ਦੀਆਂ ਤਸਵੀਰਾਂ

PUNJABI

ਮਹੀਨਾ	ਪਾਠਕ੍ਰਮ	ਕੋਸ਼ਲ	ਪ੍ਰੋਗ੍ਰਾਮ	ਕਿਰਿਆਤਮਕ ਗਤੀਵਿਧੀ	ਗਿਆਨ ਪ੍ਰਾਪਤੀ	ਸਹਾਇਕ ਸਮੱਗਰੀ
ਦਸੰਬਰ	ਦੁਹਰਾਈ ਜਮਾਤ ਪ੍ਰੀਖਿਆ					
ਜਨਵਰੀ	ਦੁਹਰਾਈ					
ਫਰਵਰੀ	ਦੁਹਰਾਈ					
ਮਾਰਚ	ਸਲਾਨਾ ਪ੍ਰੀਖਿਆ					

MUSIC

Month	TOPIC
APRIL	1-8 Alankar in Rag Bilawal School Song
MAY	Dohas, Definition of Sangeet, Swar
JULY	Bhajan, Shabad
AUG.	Patriotic Song
SEP.	Half yearly exams.
OCT.	Marching Alankar and occasional song
NOV.	One word Question/Answer 1. मियों तानसेन के गुरु कौन थे ? 2. गाँधी जी ने राष्ट्रगीत का कौन सा तीसरा विकल्प सामने रखा ? 3. जन-गण-मन की धुन किसने बनाई थी ? 4. प्रसिद्ध तबला वादक उस्ताद जाकिर हुसैन खाँ जी के घराने का क्या नाम है ? 5. भारत का आदि संगीत ग्रन्थ कौन सा है ?
DEC.	Revision

COMPUTER

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APRIL	:	Network & Communication
MAY	:	Basics of Information Technology
JUNE	:	Summer Vacation
JULY	:	Information Processing Tools - I
AUGUST	:	Information Processing Tools - II
SEPT.	:	Half Yearly Exams.
OCT.	:	Spreadsheet Using Open Office - I & II
NOV.	:	Presentation Using Open Office
DEC.	:	Societal Impacts of it & Applications
JAN.	:	Preboard
FEB.	:	Revision
MARCH	:	Final Examination