

SYLLABUS 2016-17

CLASS - 9

Content

Maths

Science

Gujarati

Hindi

Sanskrit

S.S.

English

Computer

9 Maths

Month	Topic	Concept	Activity
June.	1. Set operations	Students will learn the topic of set operations.	Discussion.
July.	2. Number System 3. Polynomials 4. Coordinate Geometry	Students will understand the concept of number system. Students will learn the topic of Polynomials. Students will learn the concept of coordinate Geometry.	Show a figure of all number system. Construct the polynomials with variables. Discussion.
Aug.	5. Linear Equations in Two Variables 6. Structure of Geometry 7. Some Primary Concepts in Geometry - 1	Students will learn the topic of linear equations in two variables. Students will learn about development of geometry. Students will learn point, line, line - segment in the context of sets.	Create different equations to get a certain answer. Give main parts of structure of modern geometry. Discussion.
Sept.	8. Some Primary concepts in Geometry-2 9. Triangle	Students will learn types of angles & Measures & theorems Students will learn about a triangle using the terminology of the set theory.	Identify different angles from your surroundings. Identify exterior and interior of a triangle.
Oct.	10. Quadrilaterals.	Students will learn about quadrilaterals using the terminology.	Construct different quadrilateral in given circle.
Nov.	11. Areas of Parallelograms and triangles 12. Circle	Students will learn the concept of areas of parallelograms and triangles. Students will learn the concept of circle.	Derive the formula for the area of a parallelogram experimentally. Draw a circle with centre draw two congruent segments.
Dec.	13. Constructions 14. Heron's Formula	Students will learn mathematical justification of each constructions. Students will learn the topic of Heron's formula	To construct the bisector. Collect the information of Heron's formula.
Jan.	15. Surface Area and Volume 16. Statistics	Students will learn the concept of surface area, volume of solids. Students will learn science dealing with the scientific methods of collecting, arranging, reducing, analysing the data.	Find the surface area and volume of given figure. Collect data of marks obtained by your classmates and make bar graph
Feb.	17. Probability	Students will learn to measure the chances of occurrence of particular out -comes in an experiment.	An activity with dice to find the probability.
Mar.	18. Logarithm	Students will learn product, quotient rule, power law and use of logarithmic tables.	Discussion

• Paper Style

• Weekly Test 1 (Ch-1 & 2)

M.C.Q.	(10 Marks)
3 Short Questions	(6 Marks)
1 Long Question (with option)	(4 Marks)

• Weekly Test 2 (Ch-10 & 11)

M.C.Q.	(10 Marks)
3 Short Questions	(6 Marks)
1 Long Question (with option)	(4 Marks)

*** SA-1 Exam (Ch-1 to 9)**

Section - A

M.C.Q.	(30 Marks)
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Section - B

5 Short Questions (2 Options)	(10 Marks)
Answer the following (1 Option)	(12 Marks)
Answer the following in detail (1 Option)	(8 Marks)

*** SA-2 Exam (Ch-10 to 18)**

Section - A

M.C.Q.	(30 Marks)
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Section - B

5 Short Questions (2 Options)	(10 Marks)
Answer the following (1 Option)	(12 Marks)
Answer the following in detail (1 Option)	(8 Marks)

9 Science

Month	Topic	Concept	Activity
June.	1. Motion	Students will understand the concept of motion, speed, velocity and acceleration.	Collect Some information about Galileo and Newton.
	9. Why do we fall ill ?	Students will learn about different types of disease and it's causes	Visit your nearby primary health centre and get information about vaccination programme.
July.	2. Force and Laws of Motion	Students will understand the concept of force and laws of motion	Toss a ball in air and observe the time periods in which there is increase in velocity. Why there is a change in velocity of ball. Discuss with your teacher.
	4. Properties of Matter	Students will understand the concept of properties of matter	Make a list of 92 elements available in nature and prepare chart showing their states.
	6. The Fundamental unit of life: The cell	Students will understand the concept of cell	observe different cells in microscope.
Aug.	3. Gravitation	Students will understand concept of Gravitation	Tabulated different physical properties along with their SI units.
	7. Plant Tissues	Students will learn about different kinds of plant tissues	Observe and draw a section of a dicotyledonous leaf.
Sept.	5. Structure of Atom	Students will learn about α , β , γ radiations and discovery of neutron	Note down or enumerate different uses of x-rays in medical sector.
	8. Animal Tissues	Students will learn about different types of Animal tissues	Examine and identify some animal tissues using microscope.
Oct.	1. Work, energy and power	Students will understand the Concept of work and power.	Make a list of different forms of energy.
Nov.	4. Chemical Bonding	Students will learn about types of chemical bond	Make model of NaCl and H ₂ O structure
Dec.	2. Wave, motion and Sound	Students will understand the concept of wave and Sound	Make a list of examples of objects performing periodic motion separate out the Examples of the object performing oscillation
	6. Diversity in living organisms-1 (classification of plants)	Students will learn concept classification of plants	Collect information about different plants.
Jan.	5. Chemical Reactions	Students will understand concept of chemical bond, valency and chemical reactions	Make a chart of procedure of finding oxidation Number
	7. Diversity in Living organisms-II (classification of Animals)	Students will understand concept of diversity in animals	Group discussion classroom.

9 Science

Month	Topic	Concept	Activity
Fe b.	3. Periodic classification of elements	Students will understand concept of periodic table and electronegativity	Make a chart of periodic table of Mendeleef
	8. Our Natural Resources	Students will learn about climate and biogeochemical cycles	Collect information about green -house effect and acid rain
March	9. Food Resources	Students will understand concept of fertilizers and animal husbandry	Visit near by bee - keeping centre

• Paper Style

• Weekly Test 1 (L- 1, 9) (Semester-1 book)

- Q.1 M.C.Q - [10 marks]
- Q.2 Answer the following questions [6 marks]
- Each question [2 marks]
 - 3 questions.
- Q.3 Answer in brief [4 marks]
- 1 question
 - Internal option - 01

• Weekly Test 2 (L- 1, 4) (Semester-2 book)

- Q.1 M.C.Q - [10 questions] [10 marks]
- Q.2 Answer the following questions [6 marks]
- 3 questions.
- Q.3 Answer in brief [4 marks]
- 1 question
 - Internal option - 01

*** SA-1 (Ch-1 to 9) (Semester-1 book) & SA-2 (Ch-1 to 9) (Semester-2 book)**

Part - A

Answer the following by selecting the most appropriate answer from the given alternatives. [30 marks]

Part - B

- Answer the following in short (2 marks each)
- 5 questions
- Internal option - 02
- Answer the following (3 marks each)
- 4 questions
- Internal option - 01
- Answer the following in detail (4 marks each)
- 3 questions
- Internal option - 01

9 Gujarati

Month	Topic	Concept	Activity
જૂન	Ch-1 છપ્પા Ch-2 પરોપકારી મનુષ્યો	- રૂઢિચુસ્ત અને પાખંડી લોકોની વિચારધારાને જાણી પોતાના વિચારોને નવીન યુગ પ્રમાણે કેળવતા શીખે. - સમજી - વિચારીને જ બીજાની સલાહને અનુસરવી તે વાતને સમજી શકે.	વિદ્યાર્થીઓ અખાના જીવન વિશેની માહિતી અને છપ્પા એકત્ર કરી વર્ગમાં સંભળાવે. - વિદ્યાર્થીઓ દ્વારા આ હાસ્યલેખની નાટકીય અભિવ્યક્તિ કરાવવી.
જુલાઈ	વ્યાકરણ: એકમ - 1 Ch-3 જ્યાં જ્યાં વસે એક ગુજરાતી Ch-4 સિંહનું મૃત્યુ Ch-5 તું તારા દિલનો દીવો	- શબ્દકોશના ઉપયોગથી પરિચિત્ થાય. - ગુજરાતી હોવાનો ગૌરવ કેળવે અને ગુજરાતની અસ્મિતાને જાળવવા સજાગ બને. - મનુષ્ય અને પ્રાણીની આત્મિયતાને સમજી પ્રાણીઓ પ્રત્યે લાગણીશીલ બને. - આત્મબળના મહત્વને સમજી અંદરની શક્તિઓ જાગૃત કરવાનો પ્રયત્ન કરે.	- શબ્દરમત દ્વારા અર્થભેદ સમજાવવો. - તહેવારો, લોકજીવન અને સંસ્કૃતિને ધ્યાનમાં રાખી વિદ્યાર્થીઓ દ્વારા પ્રદર્શન - વિદ્યાર્થીઓ ગીરના અભયારણ્ય વિશેની માહિતી એકત્ર કરી વર્ગમાં રજૂ કરે. - વિદ્યાર્થીઓ દ્વારા કાવ્યનું ભાવવાહી ગાન કરાવવું.
ઓગષ્ટ	Ch-6 ભાષા જાય તો - સંસ્કૃતિ જાય Ch-7 નવસર્જનની વાટે Ch-8 આભાર વ્યાકરણ: એકમ-2	- ગુજરાતી ભાષાને મહત્વ આપી તેમાં સક્ષમ બનવાનો પ્રયત્ન કરે. - 'નવસર્જનનું કાર્ય કપરું છે પણ અશક્ય નથી'- એ વાતને સમજી સતત પ્રયત્નશીલ રહેવાનું શીખે. - પ્રકૃતિના ગુણધર્મો જાણી તેના પ્રત્યે આભારની લાગણી કેળવે. - શબ્દભંડોળમાં વૃદ્ધિ થાય.	- 'માતૃભાષાનું સંરક્ષણ અને સંવર્ધન' - વિષય પર ચર્ચા અને નિબંધ લેખન - 'તમે શાળામાં શું નવું કરી શકો' - તે વિષય પર વિદ્યાર્થીઓ પાસે યાદી તૈયાર કરાવવી. - તમારું ગામ દીમે - દીમે શહેર બની રહ્યું છે ત્યારે તમને પડતી તકલીફો વિશે વિચાર વર્ણન વિદ્યાર્થીઓ કરે. - બ્લેક બોર્ડ રમત દ્વારા વ્યાકરણ પરિચય
સપ્ટે.	Ch-9 પારખું Ch-10 એ લોકો	- વાચન અને લેખન કૌશલ્ય વિકસાવે. - કાવ્ય દ્વારા સમાજની અસમાનતા અને શોષણ વિશે પરિચય મેળવી જાગૃત નાગરિક બનવા તરફ પ્રેરાય.	- સંવાદ પઠન - 'શિક્ષિત બેકારની આત્મકથા'- વિષય પર નિબંધ લેખન - સંગ્રહખોરી કરવાથી લોકોને કઈ - કઈ મુશ્કેલીઓનો સામનો કરવો પડે તેની નોંધ વિદ્યાર્થીઓ તૈયાર કરે.
ઓક્ટો.	Ch-11 વારસાગત Ch-12 તો જાણું	- જીવનમાં સ્વભાવની ઉદારતાના મહત્વને સમજે. - શ્રીકૃષ્ણ અને ગોપીના નિઃસ્વાર્થ પ્રેમને સમજે.	- 'મોરના ઈંડાને ચીતરવા ન પડે'- આ કહેવતને વિદ્યાર્થીઓ પોતાના શબ્દોમાં વર્ગમાં રજૂ કરે. - ગોપીઓ સાથેના શ્રીકૃષ્ણના દેખાંતોની યાદી બનાવી વર્ગમાં વિદ્યાર્થીઓ રજૂ કરે.
નવે.	Ch-13 ઘડવૈયા વ્યાકરણ: એકમ - 3	- બાળકોનું જીવન ઘડતર કરનારા શિક્ષકો પ્રત્યે સન્માનની ભાવના કેળવાય. - વ્યાકરણના નિયમોથી પરિચિત થાય.	- દરેક વિદ્યાર્થી પોતાના શિક્ષક સાથેના યાદગાર પ્રસંગને વર્ગમાં રજૂ કરે. - નિયમો સમજી દરેક વિદ્યાર્થીઓ તેને અનુરૂપ ઉદાહરણો રજૂ કરે.

9 Gujarati

Month	Topic	Concept	Activity
ડિસે.	Ch-14 મારું તારું ! Ch-15 સો ટચનું સોનું Ch-16 ગોકુળમાં આવો તો	- સ્વાર્થ અને મારાપણાથી દૂર રહી સહિયારાપણાની ભાવના કેળવે. - ભણતર અને ક્રમાણીના સદ્ઉપયોગ વિશેના-ગુણોને જીવનમાં ઉતારે. - સઘા-કૃષ્ણના નિઃસ્વાર્થ પ્રેમથી પરિચિત્ થાય.	- દરેક વિદ્યાર્થી ઘરમાં પોતાના ભાઈ-બહેન સાથેના પોતાના વર્તનને વર્ગમાં જણાવશે. - 'સંપત્તિનો સદ્ઉપયોગ કયા - કયા સત્કાર્યોમાં કરશો'- તે વિષય પર વિદ્યાર્થીઓ યાદી તૈયાર કરે. - વિદ્યાર્થીઓ ભક્ત સ્વરૂપે ભગવાનને પત્ર લખે.
જાન્યુ.	Ch-17 છબી ભારતની Ch-18 દીકરીની વિદાય Ch-19 પંખી લોક	- જુદા - જુદા દેશના લોકોના ગાંધીપ્રેમથી પરિચિત થાય. - માતા-પિતા અને સંતાનો વચ્ચેના લાગણીશીલ સંબંધોથી પરિચિત થાય. - પંખીઓના અસ્તિત્વને ટકાવવા માટે ગંભીરતાથી વિચારતા થાય.	- દરેક વિદ્યાર્થી પોતાના 'ચાદગાર પ્રવાસ વર્ણન' વિષય પર નિબંધ લખે. - વિદ્યાર્થીઓ દીકરીના વિદાય પ્રસંગનું વર્ણન પોતાના શબ્દોમાં રજૂ કરે. - વિદ્યાર્થીઓ દ્વારા પંખીમાળાની વ્યવસ્થા કરાવવી.
ફેબ્રુ.	Ch-20 હરિ આવો ને Ch-21 પ્રાણીઓનું ગોકુળ Ch-22 લઘુકાવ્યો	- ભગવાન પ્રત્યેની આસ્થાને જગાવે. - પ્રાણીઓના પ્રેમાળ સ્વભાવ થી પરિચિત થાય. - ગાંધીજીના કર્મમય જીવન અને પરંપરાઓમાં બદલાવ લાવનાર માણસના સંઘર્ષથી પરિચિત થાય.	- શાળામાં મહેમાનોને આમંત્રિત કરવાની પત્રિકા વિદ્યાર્થીઓ દ્વારા તૈયાર કરાવવી. - વિદ્યાર્થીઓ કોઈ પ્રાણી સાથેના પોતાના અનુભવને વર્ગમાં રજૂ કરે. - વિદ્યાર્થીઓ લાયબ્રેરીની મદદથી અન્ય મુક્તકો શોધી વર્ગમાં સંભળાવે
માર્ચ	Ch-23 પ્રેરક પ્રસંગો વ્યાકરણ: એકમ - 4	- યોગ્ય ઘડતર, ભ્રાતૃભાવ, નિઃસ્વાર્થ કર્મ ભાવના વગેરે મૂલ્યોને જીવનમાં મહત્ત્વ આપે. - સમાસ અને અલંકાર પરિચય મેળવે.	- વિદ્યાર્થીઓ અન્ય પ્રેરક પ્રસંગો મેળવી અંક તૈયાર કરે. - વ્યાકરણના નિયમને સમજી અન્ય ઉદાહરણો રજૂ કરે.

• Paper Style

• Weekly Test 1 (Ch - 1,2,3, વ્યાકરણ: એકમ - 1)

- પ્ર-૧ હેતુલક્ષી પ્રશ્નો
પ્ર-૨ બે-ત્રણ વાક્યમાં ઉત્તર લખો.
પ્ર-૩ સવિસ્તાર ઉત્તર લખો.

• Weekly Test 2 (Ch - 11,12,13, વ્યાકરણ: એકમ - 3)

- પ્ર-૧ હેતુલક્ષી પ્રશ્નો
પ્ર-૨ બે-ત્રણ વાક્યમાં ઉત્તર લખો.
પ્ર-૩ સવિસ્તાર ઉત્તર લખો.

* SA-1 (Ch-1 to 10 વ્યાકરણ: એકમ - 2)

Part - A

હેતુલક્ષી પ્રશ્નો [30 Marks]

Part - B

Section - A (ગદ્ય વિભાગ) (11 Marks)

- બે - ત્રણ વાક્યોમાં ઉત્તર લખો.
- સવિસ્તાર ઉત્તર લખો.

Section - B (પદ્ય વિભાગ) (8 Marks)

- બે - ત્રણ વાક્યોમાં ઉત્તર લખો.

Section - C (અપઠિત લેખન) (11 Marks)

- નિબંધ લેખન
- ગદ્યખંડ પરથી પ્રશ્નોના ઉત્તર લખો.

અથવા

- વાર્તા લેખન

* SA-2 (Ch-14 to 23 વ્યાકરણ: એકમ - 4)

Part - A

હેતુલક્ષી પ્રશ્નો [30 Marks]

Part - B

Section - A (ગદ્ય વિભાગ) (11 Marks)

- બે - ત્રણ વાક્યોમાં ઉત્તર લખો.
- સવિસ્તાર ઉત્તર લખો.

Section - B (પદ્ય વિભાગ) (8 Marks)

- બે - ત્રણ વાક્યોમાં ઉત્તર લખો.

Section - C (અપઠિત લેખન) (11 Marks)

- નિબંધ લેખન
- ગદ્યખંડ પરથી પ્રશ્નોના ઉત્તર લખો.

અથવા

- વાર્તા લેખન

9 Hindi

Month	Topic	Concept	Activity
जून	१. आराधना २. न्याय मंत्री ३. क्या निराश हुआजाए	मानवता की उपासना, विश्वबन्धुत्व न्यायप्रियता, कर्तव्यपर्यायणता आदि भावों को जानेंगे । मानवीय मूल्यों को जानेंगे	सामाजिक सेवा में कार्यरत संस्थाओं की सूची रोल प्ले रोल प्ले
जुलाई	४. कर्ण का जीवन - दर्शन ५. स्वराज्य की नींव ६. मेरी बीमारी श्यामानेली	मित्रता, अन्यायो का विरोध सही मायनो विजय कर्तव्यनिष्ठा आदि को जानेंगे । त्याग, तपस्या, व बलिदान आदि भावों को जानेंगे । भावुकता, संवेदनशीलता प्रगटीकरण आदि को जानेंगे ।	नवजागरण (Smartclass) प्रेरक प्रसंग रोल प्ले.
अगस्त	७. सूरदास के पद ८. गुल मर्ग की खिड़की से एक रात ९. निर्भय बनो	मानव मूल्यों, मानवता नैतिकता आदि भावों को जानेंगे । संस्मरण, अकल्पनीक सौंदर्य परिवेश स्वानुभूति आदि को जानेंगे । मानवीय सामाजिक मूल्यों, विकास, प्रयास आदि को जानेंगे ।	गीतस्पर्धा यात्रा वृतांत चरित्र- चित्रण
सित.	१०. भारत गौरव ११. एक यात्रा यह भी १२. रानी	भारतीय सभ्यता और संस्कृति का गौरव आर्दश आदिको जानेंगे नारी के प्रति दृष्टिकोण, कर्तव्य बोध प्रेरणा आदि को जानेंगे । त्याग, तपस्या, व कर्तव्य को जानेंगे ।	संस्मरण गौरव गान संस्मरण राष्ट्र का स्वरूप
अक्टू.	१३. नीति के दोहे शब्द संरचना, प्रत्यय, उपसर्ग	नैतिकता, भावुकता महत्त्वता आदि भावों को जानेंगे । वाक्य विन्यास	दोहा संकलन खेल खेल में
नव.	१४. युग और मैं १५. दाज्यू १६. भारतीय संस्कृति में गुरु शिष्य संबंध	सभ्यता, मानवता मूल्यों को जानेंगे । बाल श्रमिक, मार्मिक चित्रण आदि को जानेंगे । गुरु - शिष्य - परंपरा की गरिमा को जानेंगे ।	स्मार्ट क्लास साक्षरता आभियान रोल प्ले.
दिस	१७. तुलसी के पद	विनयभावना, आराधना आदि को जानेंगे ।	वृत्तचित्र

9 Hindi

Month	Topic	Concept	Activity
	१८. अंधेर नगरी	विवेक, आत्मीयता, सर्वत्र ज्ञान आदि को जानेंगे ।	रोल प्ले
	१९. महाकवि कालिदास	कठोर- परिश्रम बोध आदि को जानेंगे ।	रोल प्ले.
जन.	२०. धरती की शान	मनुष्य की महत्ता, शक्ति प्रकृति - प्रेम आदि को जानेंगे ।	सस्वर गायन
	२१. क्रांतिकारी शेखर का बचपन	आजाद के बारे में देश-प्रेम कर्तव्य आदि को जानेंगे ।	चंद्र शेखर आजाद वृत्तचित्र
	२२. वीरों का कैसा हो बसंत	हल्दी घाटी, सिंहलगढ़ वीरों की गाथा आदि जानेंगे	वृत्तचित्र
फर.	२३. जब मैंने पहली पुस्तक खरीदी	ज्ञान, महत्त्व शौक किताबों की उपयोगिता को जानेंगे ।	लाइब्रेरी
	२४. दोहे	ईश्वर भक्ति, उपासना आदि को जानेंगे ।	दोहा संकलन
मार्च	पूरक वाचन व्याकरण	भावों व मूल्यों को जानेंगे ।	वृत्तचित्र

• **Paper Style**

• **Weekly Test 1 (Ch-1, 2, 3)**

- प्र.१ सही विकल्प चुनिए ।
प्र.२ निम्नलिखित प्रश्नों के उत्तर
प्र.३ निर्देशानुसार प्रश्न हल करो.

• **Weekly Test 2 (Ch-13, 14, 15)**

- प्र.१ सही विकल्प चुनिए ।
प्र.२ निम्नलिखित प्रश्नों के उत्तर
प्र.३ निर्देशानुसार प्रश्न हल करो.

* **SA-1 Exam (Ch-1 to 12)**

विभाग - A

- प्र.१ निम्नांकित प्रश्नों के उचित विकल्प चुनकर सही उत्तर दो

विभाग - B (गद्य / पद्य)

- प्र.२ निम्नलिखित प्रश्नों के उत्तर दिजिए
अ. लघुउत्तीर्य प्रश्न (दो तीन वाक्यों में)
ब. दीर्घ उत्तीर्य प्रश्न (सविस्तार)
प्र.३ अ. प्रश्नोत्तर
ब. लघु उत्तीर्य प्रश्न
क. दीर्घ उत्तीर्य प्रश्न
लेखन विभाग
प्र.४ अ. पत्र लेखन
ब. कहानी लेखन

* **SA-2 Exam (Ch-13 to 24)**

विभाग - A

- प्र.१ निम्नांकित प्रश्नों के उचित विकल्प चुनकर सही उत्तर दो

विभाग - B

- प्र.२ निम्नलिखित प्रश्नों के उत्तर दिजिए
अ. लघुउत्तीर्य प्रश्न (दो तीन वाक्यों में)
ब. दीर्घ उत्तीर्य प्रश्न (सविस्तार)
प्र.३ अ. प्रश्नोत्तर
ब. लघु उत्तीर्य प्रश्न
क. दीर्घ उत्तीर्य प्रश्न
लेखन विभाग
प्र.४ अ. पत्र लेखन
ब. कहानी लेखन

9 Sanskrit

Month	Topic	Concept	Activity
June.	समर्चनम् कुलस्य - आचारः	vedas are said to be of divine origion. They describe the divine principle, which is called Absolute Reality in Philosophy Students should learn to visualise the the incidents in the story taking place using their own imagination.	Recite Mantras and shlokas in the class. Make a list of various traditional observed in family.
July	परं निद्यानं कः ? वलभी - विद्यास्थानम् सुभाषित वैभव	While reading the story add details and colours using their imagination. This lesson is an extract from a very famous work " भोजप्रवन्ध" । Vallabhi was a true university. It had a rich library. Yuan chwang has left a detailed record of vallabhi. The glory or great ness of subhashitam lie in their ability to remain in our memory due to their bravery and continue to make us think	Narrate in short the plot of the lesson "परं निद्यानं कः" ? in the class. Collect information about Nalanda Arrange अभ्याक्षरी of Sanskrit shlokas in the class.
Aug	सर्वं चारुतरं वसन्ते संहति - कार्य साधिका	These five verses celebrate the spring Season that puts a spirit of youth in everything. This particular story is interesting. The argument between the cautions old and the young arrogant pigeon has an element of drama in it.	Collect the photographs of those flowers which are mentioned in this lessoon. A small skit based on the story. One boy will be "लघुपतक" another will be "चित्रगीत" etc.
Sep.	काषायाणां कोडपरधः	This small story illustrates what a good personality Gandhiji was. He shows the respect for the other person's ability.	Visit the site "Sabarmati" and share Gandhiji's dress in the class.
Oct.	उपकारहतस्तु- कर्तव्य दौवारिकस्य सेवानिष्ठा	This extract from the act of "मृच्छकटिकम्" Love the enemies and drive them crazy is one of the ways. The door - keeper in this story is aware of the importance of his job.	Enact this dialogue before the class taking three students to do the role. Sketch the character of the door - keeper.

9 Sanskrit

Month	Topic	Concept	Activity
Nov	वेदितव्यानि मित्राणि	The verses in this lesson are about the true friendship personal friendship is altogether a different matter though some of the points are common.	Recite these verses in the class.
Dec.	सुभाषित-सुप्तकम् दिष्टया गोग्रहण-स्वन्तम् हनुमदवर्णित रामवृत्तान्तः	Some of the phares can be interpreted in a different way in the context of the modern times. We should keep up dignity. In this play Bhasa has completely changed the course of the Mahabharata. The verses selected here from the Ramayan are significant and Valmiki's choice of words and flow of narration are notable.	Recite the seven verses in this lesson with proper pronunciation of each word. Short summary story of the "Mahabharata" Make a list of the noble Qualities of shri Rama.
Jan.	सुदुर्लभा सर्वमनोरमा वाणी । अज्ञेय स भविष्यति आचार्यः चरकः	Pandit Charudatta Shastri's essay is the specimen of what we can call Modern Sanskrit prose This topic as well as the treatment is modern. This lesson has been extracted from "नीलिसार" composed by "Chanakya." According to "Chakra" health and disease are not predetermined and life may be prolonged by human effort and attention to lifestyle.	Write some "Famous- speeches in History." Make a project posting pictures of birds. Read loudly some part of the lesson.
Feb.	विलस्य वर्णं न कदापि मे श्रुता । विनोदपद्यानि संस्कृतभाषाया वैशिष्ट्यम्	This story taken from पञ्चतन्त्र has only two characters. The lion is strong but bull and jackal is weaker but intelligent Poets have explored innumerable possibilities of words in the languages. This lesson will surely motivate all the students to learn Sanskrit which of Indian culture and a power house of thoughts and values.	Write an any story similar with this lesson Make a list of 10 words that have more than one meaning. Make a collection of Sanskrit mottoes and prepare a table.

• Paper Style

• Weekly Test 1 (L - 1, 2, 3)

• Weekly Test 2 (L - 9, 10, 11)

Q.1 M.C.Q [10 Marks]

Q.2 Q - Ans [6 Marks]

Q.3 Long Q-Ans [4 Marks]

*** SA-1 (L-1 to 8)**

*** SA-2 (L-11 to 20)**

Part - A

Q.1 M.C.Q [30 Marks]

(1 to 18) Textbook

(19 to 30) Grammarbook

Part - B

Q. 1, 2, 3 Q. Ans [3]

Q. 4, 5 Q. Ans [4]

Q. 6, 7 Q-Ans [3]

Q. 8, 9 Q. Ans [2]

Q.10 Q. Ans [2]

Q. 11 Q-Ans [3]

Part - C

Q. 12 unseen passage [5]

Part - D

Q. 13 Complete the story [3]

OR Letter

Q. 14 Compo [5]

9 S.S.

Month	Topic	Concept	Activity
June.	Ch-No-1. (Rise of British rule in india)	Students will learn about Arrival of Europeans to india	Collect information on the social and religious reformists of the middle ages.
	Ch-No-2. first world war and Russian Revolution	Students will learn about western Europe and colonialism in Asia Africa	Group Discussion
July	Ch-No-3. Movement towards a New world	Students will learn about global trends between the two world wars	Prepare the List of UN Secretary Generals
	Ch-No-4. National Movements in india	Students will learn about Boycott and indigenous Movements	Prepare a map indicating the main centres of the 1857 Revolt
	Ch-No-5. Movement Towards independence	Students will learn about Movement Towards independence	Prepare the List of Satyagrahis who participated in Dandi March
Aug.	Ch-No-6. World After 1945	Students will learn about india's relation with its Neighbouring countries.	List the names of countries which became independent after world war II
	Ch-No-7. Post independence	Students will learn about Merger of Hyderabad, Jammu and Kashmir	Gather information about North - East states (seven sisters)
Sep.	Ch-No-8. Framing of constitution and its features.	Students will learn about process of framing the constitution	Prepare project on latest amendments in indian constitution
Oct.	Ch-No-9. Fundamental Rights, fundamental Duties and Directive principles of state policy	Students will learn about principles related to the international and political policies	Conduct a project or make hand written points on the life - sketch of Dr. Ambedkar.
Nov.	Ch-No-10. Organs of Government	Students will learn about three organs of the Government	Prepare a chart of all the chief Ministers of Gujarat and their work span.
Dec.	Ch-No-11. Indian Judiciary	Students will learn about the power and Jurisdiction of the Supreme Court	Prepare a handwritten issue containing all the details of the chief Justice
	Ch-No-12. Indian Democracy	Students will learn about election system in Democracy	Plan a mock Parliamentary Election process
	Ch-No-13. Location Geological structure and physiography - 1	Students will learn about Location, size and area	Study on atlas and prepare a list of neighbouring countries of india
Jan	Ch-No-14. Location Geological structure and physiography - II	Students will learn about Major minerals and their spatial distribution	With the help of an atlas observe the map of relief features of india
	Ch-No-15. Drainage system	Students will learn about Drainage system of india	Prepare charts about the rivers and the multi-purpose projects.

9 S.S.

Month	Concept	Concept	Activity
	Ch-No-16. Climate	Students will learn about variations in the climate of india.	Prepare a season wise chart of your food which you take during different seasons.
Feb.	Ch-No-17. Natural vegetation Ch-18. Wildlife	Students will learn about vegetation on Himalayas Students will learn about important National park and Sanctuaries of india	Collect photographs of different vegetation and prepare a bulletin explaining its utility Paste the cuttings of the news and articles about wildlife
Mar.	Ch-No-19. Human life Ch-No-20. Disaster Management	Students will learn about life style of western india Students will learn about impact of Disasters on Human life	Arrange a regional dress competition Group Discussion

• Paper Style

• Weekly Test 1 (Ch- 1, 2)

- Q.1 M.C.Q -
- Q.2 Answer the following questions
- Each question
 - 3 questions.
- Q.3 Answer in brief
- 1 question
 - Internal option - 01

• Weekly Test 2 (L- 9, 10)

- Q.1 M.C.Q - [10 question]
- Q.2 Answer the following questions
- 3 questions.
- Q.3 Answer in brief
- 1 question
 - Internal option - 01

* SA-1 (Ch-1 to 8)

Part - A

Answer the following by selecting the most appropriate answer from the given alternatives.

Part - B

- Answer the following in short
- 5 questions
- Internal option - 02
- Answer the following
- 4 questions
- Internal option - 01
- Answer the following in detail
- 3 questions
- Internal option - 01

SA-2 (Ch-9 to 20)

Part - A

Answer the following by selecting the most appropriate answer from the given alternatives.

Part - B

- Answer the following in short
- 5 questions
- Internal option - 02
- Answer the following
- 4 questions
- Internal option - 01
- Answer the following in detail
- 3 questions
- Internal option - 01

9 English

Month	Topic	Concept	Activity
Jun	Chapter – 1		
	Going Downhill on a Bicycle (Poem)	Students will enjoy and learn the rhythmic and rhyming qualities of the poem as the poet beautifully describes his ride on a bicycle down the hill.	Notes on different Figures of Speech.
	Chapter-SR 2	Students will get to know how with intelligence and ready wit a lady	Characters of Portia and Shylock.
	The Merchant of Venice (Prose)	saves the life of her husband from a cunning and scheming money-lender	
	Chapter – 7	The poem is a powerful plea to	Group discussion :
	Felling of the Banyan Tree (Poem)	protect trees. It will create an awareness among children to save greenery.	Why do we need to save trees?
	Chapter – 2	Children will learn how Ramanujan - the	Children will find out and note down
	Ramanujan (Prose)	great mathematical genius made his way to the Trinity College of England inspite of his humble origin.	some more interesting facts about the life of Ramanujan.
	<u>Grammar</u>		
	Revision of Previous class:	Students will revise what they had learnt	Notes on Articles.List of Prepositional
	1. Articles & Determiners	earlier and clarify the concepts.	Phrases.Making Sentences with
	2. Preposition and Prepositional Phrases	They will learn the right use of Articles, Prepositions and Conjunctions	Prepositional Phrases.
3. Use of Conjunctions			
<u>COMPOSITION</u>			
1. Formal Letter Writing	Approach, style, tone and diction of formal	Format of formal letters	
Letters to the Editor	letters.Reading and comprehending skills.	Practice exercises.	
Letters of complaint to authorities			
2. Comprehension			

9 English

Month	Topic	Concept	Activity
July	Chapter – 5	Children will learn a new kind of poem	Write a short paragraph about “Yourself”
	By Way of Preface (Poem)	where the poet laughs at himself as he draws his own caricature.	
	Chapter-18 Man of Everest (Prose)	An experience of overcoming mental and physical obstacles for reaching the summit. Children will learn about the qualities needed to reach their goal.	Write an essay on , “The Spirit of Success”
	Chapter – 19	The basic message is spreading positive	Contrast between American English and British English.
	The Butterfly Effect (Prose)	feelings and happiness ignoring self-pity and physical illness. A learning for life.	
	Chapter – 11	Children will learn what an Allegory is, and	What are stories of Panchatantra.
	The Owl who was God (Prose)	how blind faith leads to self-destruction.	Finding out another story from Panchatantra.
	<u>Grammar</u>		
	1.Active and Passive Voice	Rules of changing Active and Passive Voice	Rules Charts.Exercises on Voice Change and proper use of Tenses.
	2. Use of Present and Past Tenses	When to use which Tense.	
<u>Composition</u>			
Formal letters – Letters of Invitation and Application / Essay Writing	Concept clearing, proper use of words and language in formal letters.	Format of the letters Practice Work sheets	
Aug.	Chapter – 13	How Anne Frank expresses herself in her	About Diary Writing
	The Diary of a Young Girl (Prose)	diary, and the situations prevailing during the Second World War.	How to write a diary Write about one day of your life
	Chapter – 15 The Secret of Machines	Though machines display super-human attributes, yet man should not become	Recitation of the poem

9 English

Month	Topic	Concept	Activity
	(Poem) <u>Chapter – SR 1</u> A Snake in the Grass (Prose) <u>Chapter-9</u> Learning from the West (Prose) <u>Grammar</u> 1. Tenses (contd.) 2. Transitive, Intransitive, Finite and Non-Finite Verbs 3. Gerunds, Infinitive, Participles <u>Composition</u> 1. Diary writing 2. Personal Letters	slave to machines. Narrative text describing the horror of a family when they saw a snake. Children will learn about the western values one should adopt for the betterment of the self and society. Detailed understanding of all the to pics. The style and expressions while writing a diary. Freedom of expression, language, address, salutation, body of letter, concluding lines.	Write a narrative essay on any fearful experience you had. Group Discussion : Indian values and Western values-the right combination of both can lead one to success. Notes and Practice exercises. Format Communication skills
Sep.	<u>Chapter – 23</u> Entertainment (Poem) <u>Grammar</u> 1. Direct and Indirect Speech 2. Revision – SA 1 <u>Composition</u> 1. Email Writing 2. Revision – SA 1	A touching poem of the miseries and toil of the poor and the selfish mindset of the rich. Rules for changing Narration Things to take note of while writing an Email.	Role play Rules chart Format of Email

9 English

Month	Topic	Concept	Activity
Nov	<u>Chapter -20</u> The Day of the Bare Feet (Prose)	Sportsman spirit	List of words related to sports
	<u>Chapter – 10</u> Palanquin Bearers (Poem)	Children will enjoy the beauty and simplicity of this lyrical poem.	What is a lyrical poem
	<u>Chapter – 6</u> Letter to Gertrude (Prose)	Children will learn the art of writing an informal letter.	Use of humour in letter writing
	<u>Grammar</u> Revision :		
	1. Voice Change 2. Narration Change	More clarification of concepts.	List of Idioms
	<u>Composition</u> More essay writing	Different kinds of essays	Developing Writing skills
Dec.	<u>Chapter – 16</u> Pandora's Box (Drama)	The significance of hope amidst suffering and how excessive curiosity can at times lead to unhappiness.	What is a mythology?
	<u>Chapter-21</u> Caged Bird (Poem)	Difference of the experiences between a free bird and a caged bird.	Speaking skills :Short speech : True freedom means being responsible.
	<u>Chapter -22</u> Danger in Deep Blue (Prose)	Description of a seaman's experience with a giant whale	Vocabulary related to sailing and marine life.
	<u>Chapter – 17</u> No Men are Foreign (Poem)	Children will get the message of the poem – the world is a family	Thematic analysis of the poem
	<u>Grammar</u> 1. Simple and Compound Sentences	Identifying Simple and Compound Sentences.	Rules ChartWorksheet
	2. Joining sentences with co-ordinating conjunctions	Transformation of Sentences	

9 English

Month	Topic	Concept	Activity
	<u>Composition</u> 1. Dialogue Writing 2. Report Writing	Rules of writing Dialogues and Reports.	Format
Jan.	<u>Chapter – 14</u> Interview with Dr. Abdul Kalam (<u>Prose</u>) <u>Chapter – 8</u> The Boy Who Broke the Bank (<u>Prose</u>) <u>Chapter-12</u> Another day in Paradise (Poem) <u>Grammar</u> 1. Auxiliary Verbs 2. Modal Auxiliaries 3. Agreement of Subject with Verb 4. Complex Sentences <u>Composition</u> Advertisement Writing	Children will learn about the great inspirational role model Dr. Abdul Kalam. They will also get glimpses of his life and his vision for India. An in depth portrayal of peculiar traits of human nature. The poet creates awareness about the plight of the poor in America and how people should be considerate towards them. List, chart and notes of the topics	Collect information about Journalist Pritish Nandy. Why do people spread rumours? – Complete the web chart.(Page 27) Recitation of the poem.Reading Skills Worksheets Writing Skills
Feb	<u>Chapter – 4</u> The Parrot's Training (Prose)	This satirical story will make students aware of some men's insensitivity towards treating animals and birds.	What is a satire ? About Rabindranath Tagore's works.

9 English

Month	Topic	Concept	Activity
	<u>Chapter- SR 3</u> The Kid (Prose) <u>Chapter -3</u> The Homecoming of the Sheep (Poem) <u>Grammar</u> 1. Phrases and Clauses 2. Transformation of Sent ences <u>Composition</u> 1. Comprehension & Summary Writing 2. More Essays	Children will learn some interesting facts about acting and film-making. The poet interweaves the movement of the homecoming sheep with ` different aspects of Nature. Concept Clearance How to write a Summary	"Babies are the best actors in movies". - Illustrate. Synonyms and Antonyms Exercises Practice exercises
Mar.	Revision for SA 2	Revision	Practice

9 Computer

Month	Topic	Concept	Activity
Jun.	Ch-1 Introduction to Computers Ch-2 History and Evolution of Computers	Working of a Typical Computer, Special Model of a computer, Characteristics of computer and advantages, Software, hardware, Firmware Generations of Computers based on Hardware, First generation computer, Second generation computer, Third generation computer, Fourth generation computer, Fifth generation computer, Types of Software, Popular computers,	Discussion
July	Ch-3 Input and Output Devices Ch-4 Memory, Storage Devices and Data Representation	Input Devices, Output Devices Primary Memory, Secondary Memory, Data Representation in Computer Memory, Conversion of number, Representation of number, Image Representation in Computer	Identify the devices Discussion
Aug.	Ch-5 Introduction to Operating System Ch-6 Introduction to Ubuntu Linux	Startup process of computer, Functions of an Operation System, Components, File System, Categories of Computing Devices, Android History of Unix, Success factors, Free Software Movement, Birth of Linux, Popular OS for Personal Computers, Ubuntu Version, Concepts of Ubuntu Linux, Accessing Data on Ubuntu, Windows system, Linux Terminal, User Types in Ubuntu	Discussion Discussion

9 Computer

Month	Topic	Concept	Activity
Sep.	Ch- 7 Introduction to Ubuntu Linux GUI	GNOME2 Desktop, Top Panel, Application Menu, The Places Menu, The System Menu, Preferences Menu, Administration Menu, Application Launchers, The Session Menu, Bottom Panel, Customizing the appearance of the GNOME Desktop	Discussion
Oct.	Ch-8 Basic Utilities in Ubuntu Linux	Introduction to the Terminal, Using the GNOME Terminal, Manipulating Files and Directories, Opening Files and Directories, Different views in Nautilus, Creating, selecting, Deleting and Renaming Files and Directories, Cut- Paste, Copy- Paste, Drag and Drop Bookmarks and Searching, Calculator, Gedit Text Editor, Eye of GNOME Image Viewer, Rhythmbox Music Player, The Totem Movie Player, GIMP image editor, Creating new image	Create a directory , subdirectories, files in it and try different commands
Nov	Ch-9 Introduction to Word Processing	Need of Word Processing, Features of Word Processor, General Application, Document From Template, Opening an Existing Document, Saving Document, Saving Automatically, Saving as MS Word Document, Saving a file with Password, Document view, Getting Writer Help	Prepare the documents and apply the concepts

9 Computer

Month	Topic	Concept	Activity
	Ch-10 Editing and Formatting Documents	<p>Selecting Text, Undoing and Redoing Changes, Cutting, Copying and Pasting Text, Finding and Replacing Text, Inserting special characters, Formatting Paragraphs, Creating Numbered or Bulleted List, Checking Spelling and Grammar, Using Synonyms and the Thesaurus, Using Auto Correct, word completion, Auto Text, Creating Auto Text, Line Numbering, Insert and Overview Mode, Counting the words in a selection, Changing the case of Selected Text</p>	<p>Apply the concepts of the lesson on prepared document of above lesson</p>
Dec.	Ch-11 Tables and Mail Merge	<p>Creating Tables, Inserting New Tables, Creating Nested Tables, Moving between cells, Formatting the table, Adjusting Size of a Table, Resizing Rows and Columns, Inserting Rows and Columns, Merging and Splitting cells, Vertical Alignment of Text ,Automatic Formatting, Deleting and Copying table, Mail Merge, Creating the Data Source, Registering Data Source, Creating Form Letter, Quick Printing, Printer Properties, Range, Copies, Previewing Pages, Changing page Format and Margins, Headers and</p>	<p>Create a table showing results of students.</p>

9 Computer

Month	Topic	Concept	Activity
January	Ch-12 Introduction to Presentation	Advantages, Impress, Slides Pane, Tasks Pane, Master Pages, Layouts, Table Design, Custom Animation, Slide Transition, Workspace, Formatting a Presentation, Insert Slide, Select and Move a Block of Slides, Selecting a Layout, Slide Master, Modifying the Slide Elements, Adding Picture or Object to the Slide, Slide Show, Adding Text, Templates	Create presentation using all the concepts of presentation
	Ch-13 Introduction to the Internet	Basic Network Types, Internet, History, Connectivity, Dial-Up connection, ISDN, Leased Line, Broadband, Wireless, Satellite, Applications, DNS, WWW, Web Browser, Characteristics of Browser, Firefox, Search engine, Google, Blogs, Collaborative Platforms, Other Services	Use search engine for exploring the information about tourist places in India.
Feb & March	Ch-14 Email and Security in Internet	E-mail, Structure of E-mail, working, Creating an E-mail Account, Evolution as Mail Client, Security and Cryptography, Virus, Trojan Horses, Worms, Trap Doors, Logic Bombs, Cryptography as a security Tool, Basic Terminology	Create an e-mail account and send a mail to your friend