

# English

Month	Topic	Detail Description of topic
June	CB- Dr Dolittle learns Animal Language,Bangle sellers(poem), Grammar,revision of Tenses ,Picture Composition	Explanation, Group Activity,Doing the poem in detail, learning expressions,introducing the reader.
July	CB- Daddy- long- legs,It couldn't be Done, The Mind-Reader,Chapter wise reading of novel KIDNAPPED,grammar - preposition,conjunction, determiners,letter,essay	Dealing with aims and ambitions, understanding humility, People around us , Guided Essay Writing
August	TCB-The Annex FamilyTwenty years, Tuna and the donkey,further understanding of the Reader -kinds of sentencesTransformation of sentences,Direct and Indirect Active and Passive Voice	Understanding the principals of the family and polishing of vocabulary
September	CB- Walrus and the Carpenter, A Mystery Unfolds, The Little Match-Seller. Grammar- Conjunctions,Prepositions Phrases and Clauses	Enhancing vocabulary and expressions,reading of the novel .
October	CB-TheWest wind, Grammar practice- Narrative composition,practise of comprehension andunderstanding the reader in detail	* Pursuing the goals of life *
November	CB The ghost,Agreement of theVerb with the subjects,idioms,	Introducing the difference between the natural and the supernatural,detail understanding of the climax in the reader,going to the depth of idioms,understanding and its application.

# English

Month	Topic	Detail Description of topic
December	CB _Professor Shonku and the Spook, Lord Ullin's Daughter (poem) Reader Follow up	understanding the depth of literature and learning descriptive narration and and its application.
January	CB-A Hero, Nine Gold Medals Reader-Details and Grammar-Letter Writing, Comprehension	application of knowledge in literature, grammar-short story writing,
February	CB-Sayonara, Huck Meets the Duke, Report Writing	Descriptive narration, grammar and overview, climax of understanding of the reader.
March	A Mid summer Nights Dream, Grammar-Picture Composition, Short Story	Revision through worksheets

## Maths

Month	Topic	Detail Description of topic
June	CH-1 Sets	Revision of class VI, set notation, Types of sets, Simplification using BODMAS Rule.
	CH-2 Operations on Sets; Venn Diagram	Union and intersection of sets, Disjoint sets, Complement of a set And Venn Diagram
	Ch-3 Number System	Properties of Operation on Whole Numbers
	CH-4 Integers	Properties of Operation on Integers, Simplification using BODMAS Rule
July	Ch-6 Fractions	Simplification using BODMAS Rule, Word Problems
	Ch-7 Decimal	Four Basic Operations, Recurring Decimals, Approximation
	Ch-8 Powers and Roots	Squares till 30, Square roots till 20, cubes and cuberoots till 20
	Ch-25 Angles, Parallel Lines	Revision of class VI, pairs of angles, Parallel lines and transversal and types of angles formed.
August	Ch-9 Ratio and Proportion	Comparison of ratios, continued and mean proportion, word problems
	Ch-10 Unitary Method and its Application	Direct and inverse proportion wordproblems, Speed distance and time
September	Ch-12 Percentage	Conversion of Percentage to fraction, decimal and viceversa, wordproblems
	Ch-13 Profit and Loss	Wordproblems of Profit and loss, Percentage, Marked price discount and Discount percentage
	Ch-14 Simple Interest	Word Problems of Simple Interest
October	Ch-26 Basic Construction	Construction using compass and scale (congruent angles, perpendicular, perpendicular bisector, Parallel lines)

## Maths

Month	Topic	Detail Description of topic
November	Ch-15 Algebraic Expressions	Basic operations on polynomials
	Ch-17 Exponents	Laws of exponents
	Ch- 18 Special Products	Identities of $(a+b)^2$ , $(a-b)^2$ , $a^2 - b^2$
December	Ch-19 Factors	Factorisation by taking a common monomial and difference of square method
	Ch-20 Simplification of Algebraic Fractions	Basic operations on algebraic fractions
	Ch-21 Linear Equations	Solving sums and word problems of linear equations in one variable
January	Ch-27 Triangles	Types of triangles and related properties
	Ch-28 Congruency of Triangles	Conditions of congruency (SSS, ASA, SAS, RHS)
February	Ch-29 Polygons	Types of Quadrilaterals, Polygons
	Ch-33 Statistics	Frequency Distribution table, Mean, Pie, line and Bar Graph
March	Ch-30 Circles	Revision of class 6, Questions based on multiple radii
	Ch 32-Mensuration	Perimeter and area of square and rectangle, Volume and surface area of cube and cuboid

## Science

Month	Topic	Detail Description of topic
June	Phy 1: Measurement, (revision of 6th std course on measurement) Chem 1: Elements and compounds, Bio 1: Basic biology	Phy1:Measurement of mass, weight, density, relative density, Application of RD.Chem1:Atoms &Elements; Symbols, Atomic nos. atomic mass, Electronic configuration, Valency- compounds and bonding, Formulae. Bio1: Cell theory, Shape size number, Cell structure(components) cell division
July	Phy 2: Motion Chem 2: Physical and Chemical changes ( also Practice of balancing equations) Bio 2: Organization in living things	Phy2: Types of motion, Simple pendulum, Factors affecting time period,Scalar & Vector Qty,Distance& Displacement, Speed&velocity,Acceleration, numericals. Chem2: Physical & Chemical changes,Chemical equations and Balancing, Types of reactions. Bio2:Levels of organization(atoms-Biosphere),Plant and Animal tissues
August	Bio 3: Movement in animals and plants Phy 3: Sound Chem 3: Air and its constituents	Bio3:Types of movement in different organisms, Movement in Human body-Skeleton, joints, muscles. Movement in plants-Tropic & Nastic. Phy3:Production, Propagation,Speed, Echo, Characteristics,Musical instruments; Noise pollution and control. Chem3:Composition, pollution and control,Gases-Oxygen, Carbon dioxide and Nitrogen(Properties, reactions, uses)
September	Chem 3 : Air and its Constituents (continued) Bio 4: Life processes: Nutrition in plants and animals Phy 4: Heat (Upto applications of Thermal Expansion)	Ch3:Rare gases and Water vapour. Bio4:Modes of Nutrition,Classes of food-their function and source, deficiency diseases, balanced diet; Nutrition in Plants-types, deficiency in plants. Phy4:Definition, Effect of heat, Thermometer(types and construction), Application of thermal Expansion.

## Science

Month	Topic	Detail Description of topic
October	Mid term Exams	Revision
November	Phy 4: Heat ( Transfer of heat and applications) Bio 5: Ingestion, Digestion, Absorption and Assimilation	Phy4 cont: Modes of transfer of heat, Conductors and Insulators, Applications of Absorbers & Reflectors, Thermos flask. Bio5: Digestive system in humans, function of teeth, parts of digestive system.
December	Bio 5 : continued Chem 4: Chemistry in your life	Bio5cont: function of organs & enzymes in digestion, absorption, assimilation & egestion. Chem4: Metals and Non metals- their characteristics and uses, Alloys and their uses
January	Phy 5: Light and Shadows Chem 6: Acids , Bases and Salts Chem 7: Water	Phy5: Sources of light, Bioluminescence, Transparent, translucent Opaque objects, Rectilinear propagation of light- pinhole camera, shadows and Eclipse. Chem6: Acids and Bases- Properties, preparation, uses and reaction, Salts -definition, formation and uses. Chem7: Sources, Water cycle, potable water, properties and uses, Hard & soft water, water pollution and its control
February	Phy 6: Reflection of light Bio 7: Life under a microscope	Phy6: Terms related to reflection, Laws of reflection, Lateral inversion, Real & virtual image, Use of plane mirrors, Spherical mirrors- terms and Ray-diagrams, uses of both types of mirrors. Bio-7: Classification and types of Micro organ, Methods of preventing food spoilage, Harmful and useful Microorganism.
March		Revision
April		Exam

## (SOCIAL STUDIES)

Month	SUBJECT	Topic	Detail Description of topic
June	Geography	Ch 1 Practical Geography	What is weather, Instruments used to record weather, Weather map
	History	Ch 1 The Mediaval World - The Advent of Christianity	Advent and spread of Christianity, Crusades
		Ch 2 Islam and its impact on the Middle East	Advent of Islam, Fundamental practices of Islam, chalifs
July	History	Ch 3 The Turkish Invasion(Date Line)	Date Lines as per their importance
	History	Ch 4 The Delhi Sultanate - The Mamluk Dynasty	Slave Dynasty, Qutubuddin Aibak, Razia Sultan
	Civics	Ch 15 Our Constitution - Preamble and Features	Drafting of the Constitution, Structure of Constitution, Features of Constitution
	Geography	Ch2 Locating places on Earth and calculating time	Latitudes, Longitudes, Heat Zones, Calculating time from longitude
August	Civics	Ch 16 Fundamental Rights and Duties	Sources of Fundamental rights, Characteristics of Fundamental rights, Fundamental Duties
	Geog	Ch 3 Motions of the Earth	Rotation, Revolution, Varying lengths of day and night, Seasonal changes
September	Hist	Ch 7 Life during the Sultanate Period(obj)	Political Developments, Cultural Developments
	Geog	Ch 6 The Tughlaq, The Sayyid and the Lodi Dynasty	Tughlaq Dynasty, Sayyid Dynasty, Lodi Dynasty, Invasion of Timur
	Geog	Ch 4 The four Realms of the Earth	Interior of the earth, Minerals, Hydrosphere, Ocean Atmosphere, Biosphere
October	History	Ch 5 The Khalji Dynasty Revision	Allauddin Khalji, Market Control measures, Revenue Administration
November	Geography	Ch 6 North America - Location, Physical features, Climate and Natural Vegetation	Location, Physical features, Climate and Natural Vegetation
	Civics	Ch 7 North America - Natural Resources and their Utilization	Natural Resources and their Utilization
		Ch 17 Directive Principles of the State Policy	Sources of Directive Principles, Characteristics of Directive Principles

## (SOCIAL STUDIES)

Month	SUBJECT	Topic	Detail Description of topic
December	Geography	Ch 5 Weathering and Mass Movement	Types of Weathering, Mass Movement, Landslide
	Civics	Ch 20 The Judiciary	Supreme Court, High Court, local courts, Subordinate Courts
January	History	Ch 9 The Coming of the Mughals	Babur, His invasion, Humayun, Sher Shah Suri
	History	Ch 10 Akbar the Great	Second Battle of Panipat, Expansion of Mughal Empire by Akbar, Cultural development under Akbar
	History	Ch 11 Jahangir and Shah Jahan (obj)	Conquests of Jahangir, Role of Nur Jahan, Shah Jahan
February	Geography	Ch 12 Antarctica	Location, Physical features, Climate, Natural Resources, Indian expedition to Antarctica
	History	Ch 12 The Reign of Aurangzeb and the Marathas under Shivaji	Aurangzeb, Rebellions in Aurangzeb reign, His rule, Rise of the Marathas under Shivaji
March	Civics	Ch 18 The Union and State Legislature	Federal Structure, The Parliament, The President, State legislature
	Civics	Ch 19 Union and State Executive	Executive structure in India - Union and State, Prime Minister, Governor, Chief Minister
Project :- South America Assignment :- Ch 13 Religious Movement & Ch 14 Renaissance Movement			



# Computer

Month	Topic	Detail Description of topic
June	Ch-1. Formulas in Ms. Excel	Cell and range references Using formulas Text formula Numeric formula Error results Autosum feature Functions
July	Ch-2 Advanced Features of Ms. Excel	Sorting data , Filtering data Custom filtering , Removing autofilter Conditional formatting
August	Ch-3. Creating Charts in Ms.Excel Ch-4. Computer Viruses	Types of charts Components of a chart Creating a chart /Formatting Chart What does a computer virus do? How does a computer virus spread? Types of computer viruses Preventing a virus infection Antivirus software : Norton and Kaspersky Updating virus definitions
September	Ch-7.Communication on the Internet	Chat,Instant Messaging and Newsgroups Blogs and Web Feeds Social Networking and Other Services Cloud Computing and Online sharing
October	Ch-8 More Tools in Flash Mid Term Exam	Pen tool ,Eyedropper tool,Importing Pictures
November	Ch-8 More Tools in Flash Ch-9 Animation in Flash	Grouping Outlines and Fills Gradient transform tool Free transform tool . Creating and modifying symbols Working with text Understanding the timeline , Frames and keyframes, Layers , Animations
December	Ch-10. Introduction to HTML Ch-11. Basic HTML Commands	Structure of a website . What is HTML? . HTML editors . Structure of an HTML document Bgcolor, text, leftmargin and topmargin attributes

# Computer

Month	Topic	Detail Description of topic
January	Ch-11 Basic HTML Commands Ch-6 Introduction to Visual Basic	  tag, <P> tag, <HR> tag Comment elements, Heading tag <B>, <U> , <I> , <CENTER> tags Introduction User Interface -Visual Basic
February	Ch-6 Introduction to Visual Basic	Creating and Executing a VB Application
March	Revision	

# Hindi

जून वितान.... वर्षा बहार... काव्य पाठ, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान  
पिता के नाम.... पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान  
व्याकरण..... पत्र लेखन, तत्सम-तद्भव शब्द, उपसर्ग-प्रत्यय

जुलाई वितान... एक सिंझेला ऐसी भी - पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान  
लड़के से लड़की भली... पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान  
व्याकरण.... पर्यायवाची शब्द, विमोल, वाक्यांशों के लिए एक शब्द, संधि

अगस्त वितान.... हमारा धर... पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान  
**First Unit Test**

यह है भारत देश हमारा.... काव्य पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान  
व्याकरण.... निबंधलेखन, उपसर्ग-प्रत्यय, संधि

सितम्बर वितान... फूल और काँटा-काव्य....पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान  
शह में मात.... पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान  
व्याकरण.... संज्ञा, सर्वनाम, अपठित गद्यांश, अभ्यास कार्य  
एक पंखयुक्त ट्रेजेडी..... पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान

अक्तूबर.....व्याकरण... निबंध-पत्र लेखन, पुनरावर्तन अनेकार्थी शब्द  
**Mid Term Exams**

नवम्बर वितान- माँ-काव्य पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान  
हम वतन सा मारिशस... केवल पठन हेतु  
व्याकरण... कहानी लेखन, मुहावरे एवं वाक्य

दिसम्बर वितान.... खोजा की खोज... पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा  
दोहे... काव्य पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा  
व्याकरण... विशेषण, अभ्यास कार्य, विशेषण बनाना, उपसर्ग-प्रत्यय.

जनवरी वितान... राष्ट्रपति भवन में प्रवेश - पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान  
व्याकरण.... अव्यय, शुद्ध-अशुद्ध  
आकाश में अकेले... केवल पठन हेतु  
व्याकरण... शुद्ध-अशुद्ध, कहानी लेखन

## 2nf Unit test

फरवरी वितान.... जेंसी तासीर वैसी खुराक---पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान  
वितान... आनंदवन में बाबा आमटे के साथ-पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान  
व्याकरण.... निबंध-पत्र लेखन, कहानी लेखन, अपठित गद्यांश

मार्च वितान-- क्या मैंने गलत कहा--- पठन, शब्द अर्थ, प्रश्न उत्तर, भाषा ज्ञान पुनरावर्तन

अप्रैल ---- **Final Exams**

## Gujarati

Month	Topic	Detail Description of topic
June	પાઠ-૧ મેળામાં કવિતા-૧ આજની ઘડી રંગિયામણી	શબ્દ અર્થ, પ્રશ્નોના જવાબ, શબ્દ જોડકા, જોડણી, ખાલી જગ્યા, રૂઢિપ્રયોગ, બબ્બે સમાનાર્થી, લોકચિન્હ, રૂઢિપ્રયોગ.
July	પાઠ-૩ પરીક્ષા	નામપદ, ક્રિયાપદ, સમાનાર્થી, વિરોધી, વાક્યપ્રયોગ, વાક્યના પ્રકાર યુનિટ ટેસ્ટ
August	પાઠ-૪ બે ખાનાનો પરિગ્રહ કવિતા-૫ રાનમાં	એકવચન, બહુવચન, શબ્દ સમૂહ માટે એક શબ્દ, નિબંધલેખન
September	પાઠ-૬ ભીખુ પાઠ-૭ જીવનપાથેય	નામપદ, ક્રિયાપદ, જાતિ, સમાનાર્થી, વિરોધી, એકવચન, બહુવચન, શબ્દ સમૂહ માટે એક શબ્દ, નિબંધલેખન.
October	કવિતા-૮ માલમહલેસા માર પાઠ-૯ બાનો વાગે	એકવચન, બહુવચન, જોડકા, ખાલી જગ્યા, પુનરાવર્તન, મીટ ટર્મ
November	પાઠ-૧૦ વલયની અવકાશી સફર, કવિતા-૧૧ જનની	નિબંધલેખન, રૂઢિપ્રયોગ, સંજ્ઞા અને તેના પ્રકાર.
December	પાઠ-૧૨ હાઈસ્કૂલમાં પાઠ-૧૩ ભમીએ ગુજરાતે : દક્ષિણ ભણી	જાતિ, વચન, વિશેષણ, શબ્દ સમૂહ માટે એક શબ્દ, પદ્યાર્થ
January	પાઠ-૧૪ આવ ભાણા આવ, પાઠ-૧૬ સિંહની દોસ્તી, પાઠ-૧૭ જીવરામભટ્ટ	જાતિ, નામપદ: વિશેષણ, યુનિટ ટેસ્ટ
February	પાઠ-૧૮ સોના જેવી સવાર પાઠ-૧૯ પાંચ દાણા પાઠ-૨૦ સુભાષિત	પ્રશ્નોના જવાબ, કોણ કોને ક્યારે કહે છે, ભાવાર્થ
March	પૂરક વાચન ૧ ગોવિંદના ગુણ ગાથુ	પુનરાવર્તન

## French

Month	Leçons	Topic	Detail Description of topic
June	0	La France, qu'est-ce que c'est?	S'initier à la culture français
	1	La rentrée	Les verbes en -er, -ir, -re et irréguliers, Les articles, La négation, Les adverbes de quantité
July	2	Il est français?	Le féminin et le pluriel des noms et des adjectifs, la positions des adjectifs, L'infinitif après un autre verbe, Les membres de la famille, Les habitations et les meubles
	3	La journée de Mme Lavigne	Les verbes pronominaux, les nombres cardinaux et ordinaux, les saisons, les jour de la semaine, les mois de l'année
August	4	Kalu est malade	Trois formes d'interrogation, L'interrogation négative et « si », les expressions avec «avoir», les animaux, les couleur
September	5	Faire les courses	Les adverbe interrogatifs, Les verbes « savoir » et « connaître », les repas français, les magasins, le marché, les plats et la nourriture
October	6	M. Lavigne cherche un manteau	Les Prépositions, Les verbes en -ayer, -oyer, -uyer, les vêtements et les accessoires
November	7	Allons à Paris	Les Prépositions de lieu, Les noms de pays, les nationalité
	8	Les photos de Manuel	Les verbes irréguliers, Les adjectifs démonstratifs, les fêtes français, les professions
December	9	Au café des Laurent	L'impératif-affirmatif et le négatif, L'impératif des verbes pronominaux, Les couverts

## French

<b>Month</b>	<b>Leçons</b>	<b>Topic</b>	<b>Detail Description of topic</b>
January	10	Encore une lettre de Rouen	Les adjectifs interrogatifs, les expressions avec « faire », La révision et la consolidation des leçons précédentes, les loisirs et les sports
February	11	Une journée bien changée	le Passé Composé, les verbes conjugués avec «avoir» au Passé Composé
March	12	Une visite au parc d'attractions	le Passé Composé, les verbes conjugués avec «être» au Passé Composé

# SANSKRIT

Month	Topic	Detail Description of topic
June	वन्दना पाठ-१ भारतवर्षः पाठ-२ शान्तिदूतः कपोतः	विशेषण, विभक्ति, प्रयोग, भूतकाल।
July	पाठ-३ बालो विद्यालयगामी पाठ-४ एकतायां बलम अस्ति	क्रियापदो के साथ उपसर्गों का प्रयोग, भविष्यकाल।
August	पाठ-५ चन्द्रशेखरः आजादः पाठ-६ अमूल्यानि मौक्तिकानि	संधि, वर्ण संयोजन, विभक्ति, वचन।
September	पाठ-७ आयुर्वेदः स्वास्थ्यलाभाया पाठ- ८ अभयासेन किं न सिध्यति	संधि, स्म का प्रयोग।
October	पाठ-९ धन्यां भारतीयाः महिला :	भूतकाल के परस्मैपदी - आत्मनैपदी के रूप।
November	पाठ-१० विदेशयात्रा - वर्णनम्	विभक्ति प्रयोग, संधि, शब्दरूप प्रयोग।
December	पाठ-११ वर्ष वर्ष हे वर्षा - मेघपाठ-१२ दीपोत्सवः	विशेषण-विशेष्य, द्वितीया विभक्ति का प्रयोग।
January	पाठ-१३ सामान्य ज्ञान-प्रतियोगिता पाठ-१४ सन्मित्रं पुण्येन लभ्यते -	संख्यावाची पद, लौट-लकार का प्रयोग।
February	पाठ-१५ तेनाली - रामस्य चातुर्यम् व्यवहारिक - व्याकरण	सर्वमान का प्रयोग, उपसर्गों का प्रयोग, संधि।
March	व्यवहारिक - व्याकरण	अपठित-अवबोधनम्, रचनात्मक कार्यम्.