

CLASS VII MATHEMATICS

MONTH	TOPICS/CHAPTERS	SUGGESTED ACTIVITIES
APRIL	1. Rational Numbers 2. Operations on Rational Numbers	1. Representation of rational numbers on the number line.
MAY	2. Operations on Rational Numbers(Contd.) 3. Rational Numbers as Decimals	
JUNE		
JULY	4.Exponents and Powers 8.Triangle and its properties	1. Angle sum property of a triangle (by paper cutting). 2. Exterior angle property of a triangle.
AUGUST	9. Congruent triangles 12. Data Handling	1. Collection of data(any five) 2. To draw bar graph showing the marks obtained by 5 students in Mathematics Test.
SEPT	Revision & Examinations	
OCT	5. Application of Percentage 6. Algebraic Expressions	1-. To calculate %age of marks obtained in different subjects in Term-I
NOV	7, Linear Equations in One Variable 10. Construction of triangles.	Project- Write the life of a Mathematician'
DEC	10. Construction of Triangles(Contd.) 11. Perimeter and Area	1-. To find the circumference of a circle. 2. To find the area of a circle (by paper cutting and pasting)
JAN	13. Symmetry 14. Visualising Solids	1. To make any three symmetrical paper cutting designs.
FEB	Revision	
MARCH	Examinations	

Part of First Term syllabus included in Second Term

Chapter 1 **Rational Number**

Chapter 4 **Exponent & Power**

CLASS VII

Science

MONTH	TOPICS/CHAPTERS	SUGGESTED ACTIVITIES
APRIL	1.Nutrition in Living Organisms – Plants 5.Heat	1)Mind Mapping-modes of nutrition, photosynthesis. 2) Modes of Nutrition(activity based on cards) 3)Model making on thermometer. To measure the temperature at morning, noon & evening.(for 10 days) 4)Activity on Thermal Expansion 5)Collect samples and find difference between of thermometers(Digital, Laboratory, Clinical)
MAY	2.Nutrition in Living Organisms - Animals and Man 3.Chemical Substances & Processes	1)Picture flow chart of Human Digestive System, Nutrition in Amoeba 2)Make a model of the digestive system using clay, plastic & rubber pipes /ribbons to make the different organ. 3)Role play-Types of teeth, Parts of digestive system 4)Mind Mapping-functions of different organs of digestive system. 5)Group Activity-Formulae writing. 6)Group Activity: Types of reactions. 7)Chart on chemical formula, positive and negative ions; card activities.
JUNE		
JULY	4.Acid Bases and Salts 6.Motion and Time	1)Collect samples of acidic and basic materials in our surrounding and perform litmus test. 2)Make continuity tester and test conductivity of salts. 3)Chart on different type of Acid, Bases and Salts. 4)Activity to perform displacement reaction using CuSO ₄ & Fe. 5)Make Simple Pendulum using
AUGUST	7..Respiration in Organisms 8.Transportation In Plants & Animals	1)Activity to show anaerobic respiration in yeast. 2)Role play-Human Respiratory System 3)Lime water activity to show exhaled air is rich in CO ₂ , 4)Cross-word puzzle. 5)Activity to show role of conducting tissues. 6)Role Play *Circulatory and Respiratory System 7)Mind Mapping-Transportation in animals.
SEPTEMBER	Examinations	
OCTOBER	9.Reproduction in Plants 10.Soil 11.Electric Charge at Rest	1-)Activity -Vegetative Propagation in Potato 2)Make model of parts of flower using modeling clay and write their functions. 3)Collect samples of seeds dispersed through air, water, animals, scattering, etc 4)Activity to show percolation of water in different kinds of soil. 5)Activity- charging of uncharged bodies. 6)Collect information about lightning conductors.

NOVEMBER	12.Light 13.Weather, Climate and Adaptation of Animals	1)Model of Periscope and Kaleidoscope. 2)Ray diagram using broken bangles and broom sticks/thread. 3)Activity -to find focus of concave mirror. 4)Image formation of lighted candle by concave mirror. 4)Climate map of India. 5)Collect pictures of 10 animals and write about their adaptations.
DECEMBER	14.Fabric & Fibre 15.Forests	1)To find out the names of different varieties of fibres, to collect their samples and compare properties like shine, smoothness, strength of sample collected. 2)Chart on different type of Trees. 3)Group activity: Layers of forest 4)Mind Mapping-Food Chain, Food Web.
JANUARY	16.Water 17.Electric Current & Its Effects	1)Project related to Water conservation. 2)Skit-Importance of Water and its management. 3)Model of electric circuit, Working Model of Electromagnet and Model of Electric Bell. 4)Collect Pictures of appliances based on electromagnet.
FEBRUARY	Revision	
MARCH	Examinations	

Part of First Term syllabus included in Second Term

Chapter 1. **Nutrition In Living Organism- Plants**

Chapter 3 **Chemical Substances & Processes**

CLASS VII Computer

MONTH	TOPICS/CHAPTERS	SUGGESTED ACTIVITIES
APRIL	The Evolution of Computers	<ul style="list-style-type: none"> i) Identification of different hardware used in I-IT to 5th Generation. ii) Draw the components of computer.
MAY	Scratch-I	<ul style="list-style-type: none"> i) Identification of various blocks used in scratch. ii) Saving and opening a project in scratch. iii) Draw a park scene in scratch.
JUNE		
JULY	Scratch –II	<ul style="list-style-type: none"> i) Write a script to draw a circle. ii) Write a script for cloud moving. iii) Write a script to draw a Christmas tree joining the numbers. iv) Create an animation showing dance competition between the sprites.
AUG	Introduction to GIMP	<ul style="list-style-type: none"> i) Identification of various tools used in GIMP. ii) Compare File Menu of Gimp, Writer & Impress. iii) Write the file extensions of Writer, Impress, Scratch, Calc iv) Find out the short cut keys of Rectangle, Ellipse Free select tool Text tool, Eraser tool.
SEPT	Examinations	
OCT	GIMP Tools	<ul style="list-style-type: none"> i) Compare the options available for Paintbrush tool in Gimp and Tux paint. ii) Use of Flip tool, Rotate tool, Perspective tool etc,
NOV	Advanced GIMP	<ul style="list-style-type: none"> i) Adding a layer, renaming a layer. ii) Use of masking and filters. iii) Make a poster on "Save Earth".
DEC	Basics of Internet	<ul style="list-style-type: none"> i) Identification of different web browsers. ii) Websites and webpages examples. iii) Identification of URL Address. iv) Blog writing. v) Social networking sites like facebook etc.
JAN	Internet and Web Services	<ul style="list-style-type: none"> i) Creating mail account. ii) Opening mail account. iii) Examples of online shopping.
FEB	Revision	
MARCH	Examinations	

CLASS VII SOCIAL SCIENCE

MONTH	TOPICS/CHAPTERS	SUGGESTED ACTIVITIES
APRIL	1. Component Of environment. 9. Medieval period 18. Democracy and equality. 19. Our state government	1. Diagram of four spheres of environment 2. On a political map of world, locate the countries visited by Marco Polo
MAY	2. The Earth and the changes on it 10. The rise of small Kingdoms in North India.	1. On a outline map of India locate the areas of major soil types . 2. Collect pictures of great monuments of North India and make a scrap book with information about special, characteristics.
JUNE		
JULY	3. The surface and interior of the Earth 11. The rise of small kingdoms in South India 20. Media The Mainstay of Democracy	1. Diagram of interior of Earth. 2. Collect the pictures of the temples of South India and paste it in scrap book. 3. Group discussion on "Role of media in Democracy"
AUG	4. Air around us. 12. Turkish invasion in North India 3. Delhi Sultanate	1. Project work on mechanism of rainfall. 2. Design a timeline chart showing major dynasties and rulers of Sultanate period.
SEPT	REVISION & EXAMINATIONS	
OCT	5. Water surrounding the Earth 14. Regional powers. 15. Mughal Empire	1. Diagram of water cycle. 2. Make a collage of the Mughal architectural delights.
NOV	6. Life on the Earth 16. Emergence of independent states 21.. Advertising and democracy.	1. Collect some pictures of National Parks and paste it in scrap book. 2. Group discussion about the brave deeds of Shivaji.
DEC	7. Human environment 17. Major Religions 22. Unpacking Gender	1. On a Political map of the world, " locate any five sea ports and international air-ports of the world. 2. Prepare an album showing life sketches and photographs of Indian women who have excelled in different fields.
JAN	8. Land and the people. 23. Markets around us	1-. On the political outline map of world locate all the continents of the world. 2. Prepare a report on the 'Culture of Malls'.
FEB	REVISION	
MARCH	EXAMINATION	

Part of First Term syllabus included in Second Term

Chapter 3 **The Surface and interior of the Earth**

Chapter 19 **Our State Government**

CLASS VII ENGLISH

MONTH	No. OF WORKING DAYS	ENGLISH READER	ENGLISH LITERATURE	ENGLISH PRACTICE	WRITING SECTION
APRIL	23	1. PEOPLE AT WORK	1. MONKEY TROUBLE	1. THE ARTICLES	MESSAGE AND PARAGRAPH WRITING
MAY	17	.....	2. BIRDIE WILL YOU PET?	2. THE SENTENCE	DIARY ENTRY
JUNE		.....	.....	.....	.....
JULY	26	2. RELATIONSHIP	3. A HERO 4. FIGHT MANJU FIGHT	3. THE COMPOUND SENTENCE 4. PHRASES AND CLAUSES	REPORT WRITING NOTICE WRITING
AUG	25	3. ATTITUDE	5. I DREAM A WORLD 6. STONE SOUP IN BOHEMIA	5. TRANSITIVE & INTRANSITIVE VERBS 6. MODALS 12. READING FOR UNDERSTANDING (50%)	FORMAL LETTER
SEPT		TERM I REVISION	.....	.....	.....
OCT	24	4. ACHIEVERS	7. A STORMY ADVENTURE	7. PASSIVE VOICE	ARTICLE
NOV	18	5. THE FUTURE WORLD	8. THE SPIDER AND THE FLY 9. THE HUMAN ROBOT	8. REPORTED SPEECH 9. FUTURE TIME REFERENCE	E-MAIL
DEC	25	6. UNITY IN DIVERSITY	10. FRIENDS AND FLATTERERS	10. PERFECT PROGRESSIVE TENSE	BIO SKETCH & SPEECH
JAN	19	.....	11. CHOCOLATES IN YOUR DREAMS TOO	11. LINKERS 12. READING FOR UNDERSTANDING	INFORMAL LETTER
FEB		REVISION	.....	.....	.....

Part of First Term syllabus included in Second Term

Chapter 3. A Hero, Chapter 4- Fight Manju Fight

Phrases & Clauses, Transitive & Intransitive verbs

CLASS VII HINDI

माह	ज्ञान सागर	अभ्यास सागर	व्याकरण	निबंध , पत्र (रचनात्मक लेखन)	कार्य कलाप (Activity)
अप्रैल 23	1.बारहमासा 2.नाटक में नाटक 3.निर्मला ,सयाल और साँप	बरहमासा नाटक में नाटक निर्मला , सयाल और साँप	1-संयुक्त व्यंजन और उच्चारण 2-अनुस्वार और अनुनासिक 3-संज्ञा और उसके भेद	अवकाश के लिए प्रार्थना पत्र ,मित्र को जन्म दिन पर निमंत्रण पत्र , हमारा भारतवर्ष (निबंध)	किसी ऋतु पर कविता लेखन
मई 17	4-बातूनी	बातूनी	उपसर्ग और प्रत्यय		नाटक में नाटक का मंचन करना, व्यंग्यात्मक कहानियाँ पढ़ना एवं सुनना
जून					
जुलाई 26	5-राजू का सपना 6-समय 7-स्कूल की छुट्टियाँ	राजू का सपना, समय , स्कूल की छुट्टियाँ	पत्र लेखन , विसर्ग चिन्ह , सर्वनाम और उसके भेद , विशेषण और उसके	क्षेत्र की गंदगी की सफाई हेतु स्वस्थ अधिकारी को पत्र,विज्ञान का	कहानी सुनाना , पर्यावरण सुरक्षा से संबंधित चित्र बनाना एवं

GATEWAY

			भेद	चमत्कार (निबंध)	स्तोत्र लिखना
अगस्त 25	8-एवरेस्ट की चुनौती 9-सवाल का जवाब 10-झण्डा ऊँचा रहे हमारा	एवरेस्ट की चुनौती , सवाल का जवाब , झण्डा ऊँचा रहे हमारा	क्रिया और उसके भेद , विशेषण और उसके भेद , कहानी लेखन	किसी धार्मिक त्योहार का वर्णन , जीवन में समय का महत्त्व बताते हुए अनुज को पत्र	एवरेस्ट शिखर पर पहुँचने वालों के नाम की सूची बनाना
सितम्बर	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति
अक्टूबर 24	11-उस रात की बात 12-दोहे 13-साहस को सलाम	उस रात की बात , दोहे , साहस को सलाम	क्रिया विशेषण और उसके भेद , विविध शब्द प्रयोग , काल और उसके भेद	स्वरचित कविता छपवाने के लिए मासिक पत्रिका के संपादक को पत्र, हमारी वन संपदा (निबंध)	"उस रात की बात "कहानी को नाटक के रूप में लिखना , मीठी वाणी तथा मित्रता से संबंधित दोहों का संकलन
नवम्बर 18	14-एस0 रामानुजन 15-अन्नदाता कृषक 16-देशभक्त पुरु	एस0 रामानुजन , अन्नदाता कृषक , देशभक्त पुरु	झायरी लेखन , रुढ़ , यौगिक , योगरुढ़ शब्द , संयुक्त क्रिया एवं संज्ञक क्रिया , समुच्चय बोधक अव्यय	अपने छोटे भाई को पतंग उड़ाने समय सावधानियों बरतने हेतु पत्र , व्यायाम से लाभ (निबंध)	भारतीय किसान पर आधारित कविता का संकलन देशभक्त पुरु नाटक का मंचन
दिसम्बर 25	17-काकी 18-बाललीला और कुडलियों 19- गणेशोत्सव	काकी , बाललीला और कुडलियों , गणेशोत्सव	शब्द भेद -तत्सम , तदभव , देशज और आगत , अनुप्रास अलंकार	नया भारत , (डिजिटल इंडिया) (निबंध) , और बसें चलाने के लिए परिवहन निगम के प्रबंधक को पत्र	छूसरों की निंदा करना गलत आदत है- विषय पर कक्षा में चर्चा
जनवरी 19	20-कर्मवीर	कर्मवीर	विराम चिन्हों का प्रयोग , कारक एवं उसकी विभक्तियों का प्रयोग		आतंकवादियों से देश की रक्षा करते हुए शहीद हुए दस सैनिकों की सूची बनाना
फरवरी	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति
मार्च	वार्षिक परीक्षा				

Part of First Term syllabus included in Second Term

Chapter 2 Natak Me Natak Chapter 3 Nirmala Sayal aur Samp

Vyakaran – Anuswar aur Anunasik

CLASS VII

SANSKRIT

अप्रैल	सुरभिः – प्रार्थना-ईश्वर तव महिमानं वन्दे । 1. बुद्धिः एव अस्माकं बलम् व्याकरणम् – शब्दरूपाणि- राम ,लता ,फल ,गुरु ,बालक अस्मद्, युष्मद् ,भवत्(पु० -स्त्री०) ,(किम् , सर्व ,सर्वलिङ्.गेषु
मई	सुरभिः- 2. अभ्यासः परमो गुरुः , 3.उपकारकाः वृक्षाः व्याकरणम् – धातुरूपाणि – भू , गम् , दृश् , स्था,स्मृ , पठ्, अस् – पंचलकारेषु सन्धिः – दीर्घ ,गुण । प्रत्ययः – क्त्वा ,ल्यप् , शतृ संख्या-1 तः 50 संस्कृते लेखनम् ।
जुलाई	सुरभिः – 4. आगच्छ भोजनं कुर्याम 5. सुवचनानि व्याकरणम् –उपसर्गः- अनु , अव , अभि , आ ,उत् , उप् , अव्ययः – एकदा , अधः, नीचैः , उपरि , चः, तदा , एव कदा , अपि , अधुना ,कथम्
अगस्त	सुरभिः – 6.यस्य बुद्धिः तस्य बलम् । व्याकरणम् – उपपदविभक्तिः – द्वितीया – अभितः , परितः , उभयतः , प्रति , विना । तृतीयाविभक्तिः – अलम् , काणः , बधिरः ,सह , विना
सितम्बर	रचनात्मककार्यम् – पत्रम् रिक्तस्थानपूर्तिः , चित्राधारितवाक्यरचना , अपठितगद्यांशाधारितप्रश्नाः (गतिविधयः – स्वपरिचयः , सुवचनानि : , कण्ठस्थीकरणम् , अनुच्छेदवाचनम् – वृक्षाणाम् उपयोगिता , संतुलितं भोजनम्)।

अक्टूबर	<p>सुरभिः- 7. बुद्धिः एव उत्तमा , व्याकरणम् -शब्दरूपाणि- मुनि , मति, साधु, पितृ, मातृ , धेनु, नदी , (तत् , किम् , एतत् इदम् - सर्वलिङ्गेषु) । संख्या- 50 तः 100 संस्कृते लेखनम् ।</p> <p>सन्धिः- वृद्धिः , यण्</p>
नवम्बर	<p>सुरभिः - 8. अविवेकः परमापदां पदम् । व्याकरणम् - अव्ययः- पुरा , ऋते , विना , नमः , एकदा , श्वः , ह्यः ,अघ, किमर्थम्</p>
दिसम्बर	<p>सुरभिः -9. बुद्धिमान् गोपालकः । व्याकरणम् - उपसर्गः - निस् , प्रति, परि, प्र, वि , सम् , दुस् । घातुरूपाणि- वद् , नम् , त्यज् , रच् , लिख् , पा , कृ - पंचलकारेषु</p> <p>सेव् , लभ् - लट्, लृट् , लङ्, लकारेषु</p>
जनवरी	<p>सुरभिः - 10. मधुराणि वचनानि । व्याकरणम् - प्रत्ययः - क्त , क्तवतु, तुमुन् , । उपपदविभक्तिः - चतुर्थी -रुच! , नमः , दा । पंचमी - बहिः , पृथक् , ऋते । षष्ठी - उपरि , अघः , पुरतः । सप्तमी- स्निह् , विश्वस् ।</p> <p>अपठितगद्यांशः , चित्रम् , पत्रम्</p>
फरवरी	<p>सुरभि- व्याकरणयोः पुनराभ्यासः (गतिविधयः - स्वपरिचयः , मधुराणि वचनानि , कण्ठस्थीकरणम् , कथालेखनम् - बुद्धिः एव बलम् , नीतिवचनानां संग्रहणम् ।)</p>

Part of First Term syllabus included in Second Term

प्रथमचक्रतः- व्याकरणम् - अव्ययपदानि , संख्या , सन्धिः , प्रत्ययः

सुरभिः - पाठः 6. यस्य बुद्धिः तस्य बलम्

CLASS VII NAITIK SHIKSHA

माह	इकाई
अप्रैल	ईश स्तुति ,धर्म के लक्षण आर्य समाज के नियम (3 से 6)
मई	अभियान गीत , व्यायाम
जुलाई	उद्बोधन गीत ,सत्संग का महत्त्व योग और उसके अंग
अगस्त	ईश विनय , स्वामी श्रद्धानन्द
सितम्बर	पुनरावृत्ति द्वितीय चक्र अक्टूबर से फरवरी
अक्टूबर	महात्मा हंसराज , स्वामी दर्शनानन्द
नवम्बर	आर्य – पथिक पंडित लेखराम ,उद्घोष
दिसम्बर	मेरा देश , रोगी कौन नहीं ? , अन्धविश्वास का फल
जनवरी	अटल प्रीति ,हमारे पर्व
फरवरी	सन्ध्या तथा दैनिक हवन के मन्त्र यज्ञ की आरती तथा शान्ति पाठ (मौखिक) पुनरावृत्ति

Part of First Term syllabus included in Second Term

- Yog aur uske Ang
- Udbodhan Geet