

ASTER PUBLIC SCHOOL, KP – 5, GREATER NOIDA

SYLLABUS

ACADEMIC YEAR (2021-22)

CLASS VII

ENGLISH

TERM – 1

MONTH	MCB	LR	GRAMMAR	WRITING/READING	ACTIVITY
April'20 WEEK 1			Nouns		
Week 2		The new teacher			PROJECT 1 : Music all the way
Week 3	The shopping list mystery				Group discussion on the topic – coding and decoding of language
Week 4	We are the Music makers		Adjectives	Letter writing (Formal/informal)	Worksheet
MAY'20 Week 1			P T 1		
Week 2	Bob Dylan : the voice of a generation				Group Discussion : Bob Dylan
Week 3	Bob Dylan the voice of a generation (continued)				
JULY'20 Week 1	Flames in the forest				
Week 2			P T 2		
Week3	Birds of a Feather	How Far is the River	Pronouns		
Week 4	Fourteen - II	Excuses , Excuses	Expressing the Present, Past &Future	Report writing	ACTIVITY: Peer group teaching

AUGUST'20 Week 1		It could not be done			Worksheet will be given.
Week 2	Back from the brink				PROJECT 2 : Women with a difference !
Week 3		A mad tea party		Paragraph Writing	

Week 4	Teachers Goodbye, Pasha Begam!				
Sep'20		HALF	YEARLY	EXAM	
TERM - 2					
Oct' 20 Week 1	Maryam Mirzakhani	Nightfall in the City of Hyderabad	Preposition, Conjunctions		
Week 2	Lochinvar	The Ballad of Semer water	Determiners and quantifiers		Worksheet will be given.
Week 3	The Diary of a Space Traveller		Articles		ACTIVITY : Doreamon has gifted you his time machine, now you can change past or future of your choice. Create a write up of your imagination.
Week 4	Mission to Saturn: A Spacecraft's Incredible Journey to the Ringed Planet		Adverbs	Comprehension: Mr. Franks Pg-162 Diary Entry	

Nov'20 Week 1	Star Trek- The Voyage Home	The wrong house	Active and Passive Voice		Worksheet will be given.
Week 2			Direct/Indirect Speech Finite and Non- Finite verbs	Comprehension Count your Jumbos	Worksheet will be given.
Week 3			P T 3		
Week 4		The spider and the fly	Phrases and Clauses	Story writing	Worksheet will be given
Dec'20 WEEK 1		Frankenstein's Creation		Comprehension: Gr.Book Pg. 167 Stopping by Woods on a Snowy Evening	ACTIVITY: Create your own research work on the topic (Mission to Moon)

WEEK 2			Kinds of Sentences		
WEEK 3		A Christmas carol	Types of Sentences		
WEEK 4			Transformation and Synthesis		

Jan' 21 Week 3			Punctuation	Notice Writing	
Week 4			Grammar on the Go	Biography	
Feb'21			REVISION		
MARCH 21			FINAL EXAM		

कक्षा-7 हिंदी			
प्रथम सत्र पाठ्यक्रम			
मास और सप्ताह	पाठ्यपुस्तक मधुप	व्याकरण	गतिविधियां
अप्रैल(1और 2)	पाठ 1 जागरण गीत	पाठ-1 भाषा, बोली, लिपि तथा व्याकरण	कक्षा में क्रिया कलाप द्वारा कविता वाचन
(3और4)	पाठ-2 हंस और कौआ	पाठ-2 वर्ण विचार, अनुच्छेद	समय का महत्व विषय पर अनुच्छेद लिखिए
मई (1और2)	पाठ-3 तारों की दुनिया में (मूल्यांकन नहीं)	शब्द विचार	सौरमंडल का 3D मॉडल बनाकर कक्षा में लगाइए
सप्ताह 3	पाठ-4 मन जीते जग जीत	शब्द भंडार	कक्षा में वाद विवाद प्रतियोगिता
जुलाई (1,2)	पाठ-5 नाम की इच्छा पाठ-6 पहले अपना अध्ययन करो	संधि, अपठित बोध	कक्षा परिचर्चा
(3,4)	पाठ-7 हवेनसांग स्मृति संग्रहालय	शब्द रचना	भारत के 10 प्रसिद्ध संग्रहालयों के नाम व स्थान की तालिका
अगस्त(1,2)	पाठ-8 आम और गालिब	निबंध लेखन, विज्ञापन लेखन	अपनी किसी यात्रा का वर्णन कीजिए
(3,4)	पाठ-9 विश्व राज्य	मुहावरे और लोकोक्तियां	देश प्रेम संबंधी कविताओं की अंताक्षरी का आयोजन
सितंबर	अर्धवार्षिक परीक्षा		
द्वितीय सत्र			

मास और सप्ताह	पाठ्यपुस्तक मधुप	व्याकरण	गतिविधियां
अक्टूबर(1,2)	पाठ-10 रंगोली पाठ-11 रक्त चन्दन	संज्ञा के विकारक तत्व(लिंग, वचन, कारक)	प्राकृतिक संसंधनों से रंग निर्माण
(3,4)	पाठ-12 आर्ट का पुल पाठ-13 आप भले तो जग भला	चित्र वर्णन, पत्र लेखन	कक्षा में प्रथम आने पर मित्र को बधाई पत्र
नवम्बर (1)	आवधिक परीक्षा 3		
नवम्बर (2)	पाठ-14 जीवन सत्य	सर्वनाम	कबीर के दोहों संबंधित अंताक्षरी का आयोजन
(3,4)	पाठ-15 इस्तीफा	क्रिया, अविकारी शब्द	प्रेमचंद की रचनाओं की तालिका
दिसम्बर	आवधिक परीक्षा 4		
दिसंबर (2)	पाठ 16 सिनेमा का स्वप्नलोक	सूचना लेखन	घड़ी के खो जाने पर सूचना पत्र लिखिए

(3,4)	पाठ- 17 बापू के पत्र मीराबेन के नाम (मूल्यांकन नहीं)	पद परिचय	परिचर्चा एवं वाद-विवाद का आयोजन
जनवरी (1,2)	पाठ-18 तुम्हीं मिटाओ मेरी उलझन	वाक्य वर्तनी एवं वाक्य रचना की अशुद्धियां	'मेरी मां' विषय पर कक्षा में कुछ पंक्तियों का वाचन
(3,4)		संवाद लेखन, विज्ञापन लेखन	दो मित्रों के बीच छुट्टियों में समर कैंप जाने को लेकर संवाद
फरवरी	पुनराभ्यास		
मार्च	वार्षिक परीक्षा		

CLASS VII MATHS**TERM – 1**

MONTH	CHAPTER	SUBTOPIC
April (1 st and 2 nd Week)	Chapter-1 Integers	<ul style="list-style-type: none">➤ Introduction➤ Properties of Addition and Subtraction of integers
April (3 rd and 4 th week)	Chapter -1 Integers (Continued)	<ul style="list-style-type: none">➤ Multiplication of Integers➤ Properties of Multiplication of Integers➤ Division of Integers➤ Properties of Division of Integers
June (3 rd and 4 th week)	Chapter-2 Fractions And Decimals	<ul style="list-style-type: none">➤ Introduction Multiplication of Fractions➤ Multiplication of Fraction by a whole number➤ Multiplication of fraction by fraction➤ Division of Fractions➤ Introduction of Decimals➤ Multiplication of Decimal Numbers
July (1 st and 2 nd week)	Chapter-2 Fractions and Decimals (Continued) Chapter-3 Data Handling	<ul style="list-style-type: none">➤ Multiplication of Decimal by 10,100,and 1000➤ Division of Decimal Numbers ➤ Introduction➤ Mean, Mode, Median of given data
July (3 rd and 4 th week)	Chapter-3 Data Handling (Continued) Chapter-4 Simple equations	<ul style="list-style-type: none">➤ Use Of Bar Graph➤ Chance and Probability ➤ Setting up of an Equation➤ Solving an Equation➤ Application of Simple Equations to Practical Situations

August (1 st and 2 nd week)	Chapter-5 Lines And Angles	<ul style="list-style-type: none"> ➤ Introduction of Complementary angles, Supplementary angles ➤ Adjacent angles ➤ Vertically Opposite angles Linear pair ➤ Pairs of Lines- transversal ➤ Transversal of parallel Lines
August (3 rd and 4 th week)	Chapter-6 The Triangle and its Properties Chapter-14 Symmetry	<ul style="list-style-type: none"> ➤ Introduction ➤ Medians of a Triangle ➤ Altitudes of a Triangle ➤ Exterior Angle of a Triangle and its Property ➤ Angle Sum Property of a Triangle ➤ Two Special Triangles: Equilateral and Isosceles ➤ Sum of the Lengths of Two Sides of a Triangle ➤ Introduction ➤ Lines of Symmetry for Regular Polygons ➤ Rotational Symmetry
September (1 st and 2 nd week)	Chapter-14 Symmetry Chapter-15 Visualizing Solid Shapes	<ul style="list-style-type: none"> ➤ Line Symmetry and Rotational Symmetry ➤ Introduction ➤ Faces, Edges and Vertices ➤ Nets for building 3-D Shapes ➤ Drawing Solids on a Flat Surface Viewing different sections of a Solid
		REVISION

TERM - 2

MONTH	CHAPTER	SUBTOPIC	ACTIVITIES
October (1 st and 2 nd Week)	Chapter-7 Congruency of Triangles	<ul style="list-style-type: none"> ➤ Congruency of Plane Figures ➤ Congruency of Triangles ➤ Criteria for Congruency of Triangles SSS,SAS,ASA ➤ Congruency among Right angled Triangles 	<ul style="list-style-type: none"> ✓ By Paper folding Activity prove the congruency of different shapes

October (3 rd and 4 th week)	Chapter-8 Comparing Quantities	<ul style="list-style-type: none"> ➤ Introduction ➤ Equivalent Ratios ➤ Percentage and its usages ➤ Ratios to Percentage ➤ Profit or Loss as a Percentage ➤ Simple Interest 	
November (1 st and 2 nd week)	Chapter-9 Rational Numbers	<ul style="list-style-type: none"> ➤ Introduction ➤ Positive and Negative Rational Numbers ➤ Rational Numbers on a Number Line ➤ Rational Numbers in standard form ➤ Comparison of Rational Number ➤ Rational Numbers between two Rational Numbers ➤ Operations on Rational Numbers 	
November (3 rd and 4 th week)	Chapter-10 Practical Geometry	<ul style="list-style-type: none"> ➤ Circles Construction of a Line parallel to a given line , through a point not on the line. ➤ Construction of Triangles Based on SSS, SAS, ASA ,RHS Criterion 	<ul style="list-style-type: none"> ➤ Make 3d nets to visualize the 3d shapes

December (1 st and 2 nd week)	Chapter-12 Algebraic Equations	<ul style="list-style-type: none"> ➤ Introduction Monomials, Binomials ,Trinomials and Polynomials ➤ Addition and Subtraction of Algebraic Expressions 	
December (3 rd and 4 th week)	Chapter-12 Algebraic Equations (Continued)	<ul style="list-style-type: none"> ➤ Finding the value of an Expression ➤ Using Algebraic Expressions-Formulas and Rules 	
January (1 st and 2 nd week)	Chapter-13 Exponents and Powers	<ul style="list-style-type: none"> ➤ Introduction ➤ Laws Of exponents and examples ➤ Laws Of exponents and examples ➤ Decimal Number system 	<ul style="list-style-type: none"> ✓ 3D pull up shapes using nets to find Surface area
January (3 rd and 4 th week)	Chapter-11 Perimeter and	<ul style="list-style-type: none"> ➤ Introduction of Squares, Rectangles and Triangles ➤ How to find the perimeter of different shapes ➤ Area of parallelogram 	<ul style="list-style-type: none"> ✓ Activity to prove area of a circle ✓ Find the Perimeter of irregular shapes
February		<ul style="list-style-type: none"> ➤ REVISION 	

CLASS VII SCIENCE

TERM – 1

MONTH	CHAPTER	SUB - TOPIC	ACTIVITIES TO BE CONDUCTED
APRIL (1 st and 2 nd Week)	Chapter 1 Nutrition in plants	<ul style="list-style-type: none"> ❖ Autotrophic mode of nutrition ❖ Photosynthesis ❖ Heterotrophic mode of nutrition ❖ Parasitic plants ❖ Saprophytic plants ❖ Symbiotic plants ❖ Insectivorous plants ❖ Symbiotic association 	<p>Activity 1 – To show location of chlorophyll in leaf.</p> <p>Activity 2 – To prove light is essential for photosynthesis.</p> <p>Activity 3 – Specimen for pitcher plant – observation.</p> <p>Activity 4 – To observe that soda lime absorb carbon – di – oxide from the air in the flask. Take reference from page 6 of the book.</p> <p>Activity 5 – To make a model of cross – sectional area of leaf showing xylem. Take reference from page 6 of the book.</p>
3 rd and 4 th Week	Chapter 2 Nutrition in animals	<ul style="list-style-type: none"> ❖ Steps of nutrition ❖ The human digestive system ❖ Nutrition in ruminants ❖ Nutrition process in Amoeba 	<p>Activity 1 - Make a model on the digestion of food in amoeba.</p> <p>Activity 2 – To do an experiment which shows the saliva has degraded or broken down the starch present in the solution.</p> <p>Activity 3 – A debate to be conducted on the topic – Dental Care.</p>
MAY (1 st and 2 nd Week)	Chapter 4 Heat & temperature	<ul style="list-style-type: none"> ❖ Temperature ❖ Scales of temperature ❖ Clinical thermometer ❖ Digital thermometer ❖ Laboratory thermometer ❖ Heat ❖ Effects of heat ❖ Methods of heat transfer – Conductors and insulators, 	<p>Activity 1 – To make a model on thermos flask.</p> <p>Activity 2 – To turn a spiral using rising warm air. Take reference from page 58 from the book.</p> <p>Activity 3 – Find out the minimum and maximum temperature of your city for a week during summers and winters. Draw a bar graph of temperature from the observed data. Also, find the range of</p>

		Convection, radiation and thermos flask	variation of temperature during these two seasons.
MAY (1 st week)	PT 1 Chapter 1	❖ Revision and oral tests to be conducted for the preparation of exam.	
JULY (1 st week and 2 nd week)	Chapter 5 Matter and Chemical formulae	<ul style="list-style-type: none"> ❖ Matter ❖ Composition of matter ❖ Classification of matter ❖ Chemical symbols ❖ Atomicity ❖ Chemical formulae ❖ Chemical reactions equations 	<p>Activity 1 – To check the activity of mixture of iron nails and sulphur when it is placed near a magnet.</p> <p>Activity – To check the activity of mixture of iron nails and sulphur and heat it. Now, check when it is placed near a magnet about its attractive nature.</p> <p>Activity 2 – Tennis ball / beads activity to demonstrate the concept of atom, molecule, element and compound.</p> <p>Activity 3 – To show the difference in the properties of compounds and mixtures.</p> <p>Activity 4 – Lock and key game of chemical formula writing.</p> <p>Activity 5 – Presentation on chemical formula and writing and naming of chemical formula.</p>
3 rd week and 4 th week	Chapter 15 Light and Associated phenomenon	<ul style="list-style-type: none"> ❖ Rectilinear propagation of light ❖ Reflection of light- Irregular or diffused reflection ❖ Plane mirror ❖ Laws of reflection ❖ Spherical or curved mirrors ❖ Refraction ❖ Lenses ❖ Splitting of white light 	<p>Activity 1 – Light travels in a straight line.</p> <p>Activity 2 – To understand the movement of image created by a plane mirror using a candle.</p> <p>Activity 3 – To study image formation by a concave mirror.</p> <p>Activity 4 – To demonstrate refraction through a glass slab.</p> <p>Activity 5 – To understand image formation by a concave lens.</p> <p>Activity 6 – To make a rainbow.</p>
AUGUST (1 st week and 2 nd week)	Chapter 8 Weather, climate and animal adaptations	<ul style="list-style-type: none"> ❖ Weather ❖ Climate ❖ Effects of the sun on weather and climate ❖ Climate and adaptation 	<p>Activity 1 – Make your own rain gauge.</p> <p>Activity 2 – Discuss different animals found in different areas of the world.</p>

		<ul style="list-style-type: none"> ❖ Tropical rain forest ❖ Desert 	<p>Activity 3 – To prepare a blubber artificially and Discuss how it is useful for animals during cold weather.</p>
3 rd and 4 th week	<p>Chapter – 3</p> <p>Animal fibres</p>	<ul style="list-style-type: none"> ❖ Fibres ❖ Sheep farming ❖ Processing of wool ❖ Silk ❖ Processing of silk ❖ Life cycle of silkworm ❖ Occupational hazards 	<p>Activity 1 – To learn about the life cycle of silkworm.</p> <p>Activity 2 – Discussion to be conducted in the class on the topic – “Occupational hazards of wool industry”</p>

TERM – 2

<p>OCTOBER (1st week)</p>	<p>Chapter 7</p> <p>Physical and Chemical changes</p>	<ul style="list-style-type: none"> ❖ Physical changes ❖ Chemical changes ❖ Characteristics of chemical reactions ❖ Some common chemical changes ❖ Different types of chemical reactions ❖ Crystallization 	<p>Activity 1 – To burn a magnesium ribbon and study why to clean it before burning.</p> <p>Activity 2 – To test whether both oxygen and water are required for burning.</p> <p>Activity 3 – To observe the reaction between vinegar and baking soda.</p> <p>Activity 4 – To demonstrate the experiment of reaction between Iron and Copper sulphate.</p> <p>Activity 5 – crystallization</p> <p>Activity 6 – To demonstrate the rusting of iron and how to prevent it.</p> <p>Activity 7 – To demonstrate the corrosion of copper.</p>
<p>2nd week</p>	<p>Chapter 6</p> <p>Acids, bases and Salts</p>	<ul style="list-style-type: none"> ❖ Types, properties and uses of acids ❖ Types, properties and uses of bases ❖ Identifying acids and bases ❖ Indicators ❖ Neutralization reaction 	<p>Activity 1 – To demonstrate POP sound released when two compounds react with each other and it is because of hydrogen gas.</p> <p>Activity 2 – To test various compounds whether they are acids or bases depending upon their indicators.</p>
<p>3rd and 4th week</p>	<p>Chapter 16</p> <p>Electric current and simple machines</p>	<ul style="list-style-type: none"> ❖ Electric current ❖ Electric circuits ❖ Effects of electric current ❖ Electromagnet ❖ Electric bell 	<p>Activity 1 – Construction of an electric circuit.</p> <p>Activity 2 – To perform an activity on magnetic effects of electric current.</p> <p>Activity 3 – To make an electric bell.</p>
<p>NOVEMBER (1st and 2nd week)</p>	<p>Chapter 10</p> <p>Respiration in organisms</p>	<ul style="list-style-type: none"> ❖ Respiration ❖ Steps of respiration ❖ Human respiratory system ❖ Mechanism of breathing ❖ Exchange of gases ❖ Types of respiration 	<p>Activity 1 – Make a model of artificial lungs</p> <p>Activity 2 – To differentiate between breathing rate of humans under different circumstances and activities.</p> <p>Activity 3 – To observe when lime water turns milky under the action of carbon di oxide.</p>

		<ul style="list-style-type: none"> ❖ How do other animals breathe? ❖ Respiration in plants 	<p>Activity 4 – To study the peel of a leaf under microscope.</p> <p>Activity 5 – to perform an experiment to show that roots also breathe.</p>
3 rd and 4 th week	Chapter 11 Transportation and Excretion	<ul style="list-style-type: none"> ❖ Transportation of substances in animals ❖ Circulatory system ❖ The blood vessels ❖ The heart ❖ Excretion ❖ Transportation in plants 	<p>Activity 1 – To draw a model of heart.</p> <p>Activity 2 – the number of heart beats per minute can change from time to time. Using a stethoscope check your heartbeat after different activities. You can also check them by feeling your vein in your hand.</p> <ol style="list-style-type: none"> 1. Sitting still 2. Climbing stairs <p>Running very fast for one minute.</p> <p>Activity 3 – To draw a model of excretory system.</p>
DECEMBER (1 st week and 2 nd week)	Chapter 13 Time and Motion	<ul style="list-style-type: none"> ❖ Measurement ❖ Simple pendulum ❖ Sand clock ❖ Sun dial ❖ Water clock ❖ Motion ❖ Uniform motion ❖ Graphs 	<p>Activity 1 – To make a model on sundial.</p> <p>Activity 2 – To make a sand clock.</p> <p>Activity 3 – To observe time period of pendulum by doing an experiment.</p>
3 rd week	Chapter 9 Soil – a natural resource	<ul style="list-style-type: none"> ❖ Formation of soil ❖ Composition of soil ❖ Soil profile ❖ Types of soil ❖ Soil erosion ❖ Soil pollution ❖ Soil conservation 	<p>Activity 1 – To demonstrate different layers of soil by performing an experiment.</p> <p>Activity 2 – to study different soils present in the world.</p>
4 th week		❖ WINTER HOLIDAYS	
JANUARY (1 st week)	Chapter 14 Wind, Storm and cyclones	<ul style="list-style-type: none"> ❖ Wind ❖ Air pressure ❖ Characteristics of wind ❖ Thunderstorm ❖ Cyclone ❖ Tornado 	<p>Activity 1 – To show that air molecules present outside apply pressure on the walls of the can and cause it to crush.</p> <p>Activity 2 – To demonstrate the change in pressure due to high speed air.</p>

			Activity 3 – To perform an activity to demonstrate that moving air provide a lift.
2 nd week	Chapter 18 Forests and their conservation	<ul style="list-style-type: none"> ❖ Forests in India ❖ Ecosystem in a forest ❖ Importance of forest ❖ Forest as self-sustaining ecosystem ❖ Deforestation ❖ Forest conservation 	<p>Activity 1 – Make our own Terrarium.</p> <p>Activity 2 – On a political map of India , mark 5 national parks and five wild life sanctuaries. Write the states where they are found.</p> <p>Activity 3 – Make a model on Food chains and food web.</p>
3 rd week	Chapter 19 Management of waste water	<ul style="list-style-type: none"> ❖ Waste water and water pollution ❖ The sewage system ❖ Waste water treatment plant ❖ Uses of treated water and sludge ❖ Alternative methods of sewage disposal ❖ Steps to prevent water pollution. 	<p>Activity 1 – Pick out chemicals from your surroundings and write about its harmful effects and preventive measures to be taken to rectify it.</p> <p>Activity 2 – look at the sustainable development goals alongside. Find out how many of them are linked to water directly and how many indirectly.</p>
4 th week		<ul style="list-style-type: none"> ❖ Revision of all the chapters to be conducted in the class. 	
FEBRUARY		Revision of all the chapters to be conducted in the class.	

CLASS VII Social Science

TERM – 1

MONTH	TOPIC / CHAPTER	SUB TOPIC	ACTIVITIES
April -1st to 4th week	Geography Ch 1 – Our environment	Natural environment, Human environment, environmental pollution	<p>1. Make a poster on Chipko Movement and write slogans.</p> <p>2. Make chart illustrating the components of environment in your notebook.</p>

	Geography Ch 2-Inside our Earth	Structure of the earth ,Types of rocks,Rock cycle and uses of rocks	1.Make a model on the the three layers of the Earth and rock cycle.
June- 3rd to 4th week	History Ch 1 The Medieval world	Different names of India, Historical developments and sources of medieval period.	
	Civics Ch-1 Democracy	Forms of government,types of democracy,democratic society	Class discussion on the topic – Equality
July- 1st to 4th week	History Ch-2 The regional Kingdoms-1	Rulers of North India,invasion of Ghazni and Muhammad Ghori,rulers in Deccan and South India	Make a project report on the kingdoms of North India.
	Geography Ch-3 The Changing Earth	Theory of plate tectonics ,Exogenic and endogenic forces,Tyes of volcanoes, earthquakes and Bhuj earthquake of 2001	1. Draw the diagram of Components of volcano in the notebook.
	Civics Ch-2 Pillars of Democracy	Elements essential for working of Democratic government ,Social and economic equality	PROJECT WORK- Discussion on the movie'LAGAAN' Lesson.
August 1st to 4th week	History Ch- 3 The sultanate period	Five dynasties of Delhi sultanate ,Policies of Muhammad-bin Tughluq and Land-the iqta system .	Locate and label the empire of Muhammad –bin –Tughluq Empire..
	Civics Ch 3 – Democracy in action	Universal Adult Franchise, Elections and its Procedure, Coalition Government, Political Parties.	Imagine you and your friends have formed a Political Party. 1. Write an election manifesto for your party.Mention in 3 points only 2. Design an election symbol for your party.(It should reflect central thought of your party)
	Geography Ch 4- Major landforms	Work of river , sea waves , moving ice and the work of wind.	1. Draw the diagrams of features form sea waves 2. Cycle of erosion
	History Ch 4 – The Regional kingdoms-2	The Kingdoms of Bahmani and Vijaynagar and their administration.	Tenali Rama was one of the most interesting character of vijyanagar's history. There are many tales of Tenali Rama that can be read and acted out.
September 1st to 2th week	History Ch 5- The Great Mughals	The six great Mughals (from Babur to Aurangzeb) , Mughal court,their administration and their achievements.	Map work Empire of Akbar and important towns of Indian in 1605 .

	Geo Ch 5 – Composition and structure of atmosphere	Composition and Structure of Atmosphere and its significance.	<ol style="list-style-type: none"> 1. Draw the labeled diagram to show the layers of the atmosphere. 2. Process of Photosynthesis
	Geography Ch 6 – Weather and climate	Weather, Climate, Atmospheric Pressure, Humidity, Types of rainfall.	<p>Draw the following diagrams in your notebook:</p> <ol style="list-style-type: none"> 1. Land breeze 2. Sea breeze 3. Different types of rainfall.(Convectional, orographic, cyclonic rainfall.) 4. Heat zones of the Earth

HALF YEARLY EXAMS

TERM – 2

October 1st to 4th Week	History Ch 7-Town, Traders and Craftsmen	Types of Towns, Study of Hampi, Masulipatnam, Surat and about traders and craftsmen.	<p>Locate and label the following:</p> <ol style="list-style-type: none"> 1. Surat 2. Hampi 3. Masulipatnam 4. Kanchipuram 5. Bidar 6. Varanasi.
	Civics Ch 4- State government	State Legislatures: houses, functions, qualifications. State Functionaries : Governor, chief Minister, Council of Ministers, civil services and the advocate general.	Write about the election procedure for a chief minister.
	Civics Ch 5 - Media and democracy	Role of Media in Democracy, functions and objectives, media ethics	Discussion on the benefits of Media in relation with democracy
November 1st to 4th Week	History Ch 8 – Tribal Communities	Tribal Societies, features, Gonds, Ahoms	Prepare a chart on any one tribal community of India with pictures.
	Geography Ch 7- Water	Water cycle, waves, tides and ocean currents	<p>Draw the following diagrams in your notebook:</p> <ol style="list-style-type: none"> 1. Water Cycle 2. Formation Of Sea Waves.
	Geography Ch 8 – Natural vegetation and wildlife	Forests : their types, Grasslands : their types, Shrubs : their types, Wildlife in tropical, temperate	Project work On the outline map of India locate and label national parks

	(Ch-8 is to be done as project work only and will not be evaluated in theory or pen paper test	,grasslands and in cold regions .	, wildlife sanctuaries and biosphere reserves. Project work.
	History Ch 6 – Monumental architecture	Early medieval period ,The Sultanate Period,the Regional kingdoms,The Mughal Period,Shah Jahan’s patronage of architecture.	PROJECT WORK-Stick the following pictures of Historical Monument of ‘FATEHPUR SIKRI’ in your notebook. 1. Anup Talao 2. Buland Darwaza 3. Panch Mahal 4. Tomb of Sheikh Salim Chishti 5. Jami Masjid 6. Jodhabai’s Palace 7. Hiran Minar
December 1st to 4th Week	Geography Ch 9 – Human environment	Settlement – Rural & Urban, Transport , Communication	Draw diagram on the different types of settlement
	Geography Ch 10 –Life in Tropical and Sub- tropical regions	Amazon Basin: location, climate, flora and fauna, life in the region. Ganga-Brahmaputra Basin : location, climate, flora and fauna, life in the region.	Find about the “Clean Ganga Campaign ” and write a project on it.
	Civics Ch 8 – Role of gender	Gender and Social Inequality, Crime against women, Women’s empowerment	Debate on the topic ”When you educate a girl, you educate a nation ”
	History Ch 9 – Religious beliefs	The Bhakti Movement, its teachings, Kabir and Guru Nanak teachings, The Sufi Tradition and its principles	Make a project on Bhakti and Sufi Tradition.
January 1st to 4th Week	History Ch 11- Political formations in the eighteenth century.	Rise of Independent Kingdoms, Marathas , Sikhs and Rajputs .	
	Geo Ch 11- Life in temperate grasslands	The Prairies: location, climate, flora and fauna, life in the region. The Velds: location, climate, flora and fauna, life in the region.	
	Geo Ch 12 – Life in deserts	The Sahara desert: location, climate, flora and fauna, life in the region. The Ladakh Desert: location, climate, flora and fauna, life in the region.	Make a report showing the difference between the lifestyle, land , Clothing and livelihood of Bedouin and ladakhi

CLASS – VII COMPUTER**TERM - 1**

Month	Chapter no. & Name	Sub - Topic	Activities
APRIL	Chapter 1: Exploring the Computer	Computer and its Basic Parts, Buttons and Ports of the computer, Inside the System Unit, Setting Up a desktop Computer	LAB TIME – Practical - 1
MAY	Chapter 2: Formulae, Functions and More in Excel	Recall Data formatting in MS Excel, Cells and Cell Addresses, Cell Ranges, Formulae in MS Excel, Arithmetic Operators in MS Excel, Order of Operators, Using the Formula, Types of Cell Referencing, Functions in MS Excel, Some Common Excel Functions, Entering Functions in a Worksheet, Sorting of Data in MS Excel, Custom Sorting, filtering Data in MS Excel, Conditional Formatting in MS Excel	LAB TIME – Practical - 2
JULY	Chapter 3: Creating Charts in MS Excel	Charts and Their Significance, Basic Components of a Chart, Different Components of Charts, Creating a Chart, Modifying the Chart, More Layout Tab Commands, Formatting the Chart	LAB TIME – Practical - 3
AUGUST	Chapter 5: Introduction to Photoshop	About Adobe Photoshop, Things we can do with Photoshop, Starting Adobe Photoshop, Basic File Operations in Photoshop, Tools in the Photoshop Tool Box.	LAB TIME – Practical - 1
SEPTEMBER (Week - 1 and 2)		Background and Foreground Colours, Working with some Important Photoshop Tools	
SEPTEMBER (Week - 3 and 4)	REVISION		

TERM – 2

Month	Chapter no. & Name	Sub - Topic	Activities
OCTOBER (Week 1 and 2)	Chapter 4: Moving Ahead with Flash CS3	Recalling Adobe Flash CS3 Interface, Working with Flash Tools, Symbols and Instances, Creating a Motion Tween Animation, Shape Tweening, Adding Sound, About Masks in Flash, Publishing the Flash Movie	Shape and Motion Tween Pg- 50 and 51
OCTOBER (Week 3 and 4)	Chapter 6: HTML Basics	What is HTML, What are Tags and Attributes, Rules for Using Attributes, Structure of a HTML Document. Creating and Saving a Basic HTML Document, Viewing the HTML Document in a Browser, Modifying the HTML File, The <Body> Tag and its Attributes, Inserting Line Breaks in a Web Page, Inserting Headings, Creating Paragraphs, Inserting a Horizontal Line, Stylizing the Text, Making the Text Subscript/Superscript, Using the Font Tag, Linking the Web Page	Activity (Pg – 88)
NOVEMBER	Chapter 9: Internet and Cyber Safety	Recalling the Internet, Advantages of Using the Internet, Disadvantage of Internet Use, What is a Computer Virus, Types of Computer Viruses, Computer Malware, How does a Computer Get Viruses, Symptoms of Virus Attack, Ways to prevent a Virus Infection, AntiVirus Software, Computer Ethics, Different Unethical Practices, Intellectual property Rights, Be Safe In Cyber Space, Digital Footprints	
DECEMBER	Chapter 7: Creating Programs in Python	Recalling Python, IDLE Shell Window, IDLE Editor Window (Script Mode), Recalling Variables and Data Types, Data Types in Python, The print() Function, Taking Input from the User	LAB TIME – Practical - 1
JANUARY	Chapter 8: Conditional Statements in Python	What are Operators in Python, Applying Conditions in a Program, Conditional Statements in Python	LAB TIME – Practical - 1
FEBRUARY	REVISION		
MARCH	ANNUAL EXAMINATION		

कक्षा 7 संस्कृत

प्रथम सत्र

माह तथा सप्ताह	पाठ्य पुस्तक संस्कृति:	संस्कृत व्याकरण	गतिविधियाँ
अप्रैल(1,2)	पाठ 1 वार्तालाप:	पाठ-1 वर्ण विन्यास एवं वर्ण संयोजन	लट् लकार के वाक्यों में कक्षा में वार्तालाप
(3,4)	पाठ-2 लङ्-लकार: (प्रथम पुरुष:)	उच्चारण-स्थान, शब्द रूपावली	‘प्रातः भ्रमण’ विषय पर संस्कृत में वाक्य लिखें
मई (1,2)	पाठ 3 लङ्-लकार: (मध्यम पुरुष:)	संख्या संख्या वाचि शब्दाः च	लङ् लकार मध्यम पुरुष के पांच वाक्य स्कैपबुक में लिखें

जुलाई (1,2)	पाठ 4 लङ-लकार: (उत्तम पुरुषः)	पर्यायाः विपर्यायाः च, धातु रूपावली	पठ धातु लङ् लकार के रूप तीनों वचनों में कक्षा में सुनाएं
(3,4)	पाठ-5 लोट् लकार:(आज्ञा सूचकः)	उपपद- विभक्ति- प्रकरणं	कक्षा में शिक्षाप्रद कहानी का वाचन
अगस्त (1,2)	पाठ-6 सुमधुराः श्लोकाः पाठ-7 प्रत्यय प्रयोगः	सन्धि प्रकरणं	श्लोक गायन प्रतियोगिता का आयोजन
अगस्त (3,4)	पाठ-8 स्वास्थ्यस्य रक्षा	पत्र लेखन, अपठित गद्यांशः	‘व्यायामः’ विषय पर प्रोजेक्ट फाइल में पांच वाक्य लिखें
सितंबर	अर्धवार्षिक परीक्षा		

द्वितीय सत्र

माह और सप्ताह	पाठ्य पुस्तक संस्कृतिः	व्याकरण	गतिविधियाँ
अक्टूबर (1,2)	पाठ-9 स्वादिष्ट भोजनं पाठ-10 मम दिनचर्या	समयावबोधन, चित्राधारित वर्णनानि	अपनी दिनचर्या कक्षा में सुनाएं
(3,4)	पाठ-11 वार्तालापः	उपसर्ग प्रकरणम्	संस्कृत सामान्य ज्ञान प्रश्नोत्तरी का आयोजन
नवम्बर सप्ताह 2	पाठ-12 नीति श्लोकाः	प्रत्यय प्रकरणं	याद किए गए श्लोकों का कक्षा में वाचन
नवम्बर (3,4)	पाठ-13 चतुरः काकः	अव्यय प्रकरणम्, संवादाः	बुद्धि कौशल प्रकट करने वाले अन्य कथा कक्षा में सुनाएं
दिसंबर सप्ताह 2	पाठ-14 हास्यालापाः	विशेषण-विशेष्य प्रकरणं	छात्रों द्वारा संस्कृत हास्यलापः सुनाना
दिसंबर (3,4)	पाठ-15 उपसर्गाः	अपठित गद्यांशः, पत्र लेखन	विभिन्न धातुओं में उपसर्ग लगाकर सूची बनाना
जनवरी	पुनरावृत्तिः(11-16 अध्यायेषु आधारिता)	परिशिष्टम् (व्याकरण- भाग)	
फरवरी	पुनराभ्यास		
मार्च	वार्षिक परीक्षा		

CLASS 7 FRENCH

TERM – 1

MONTH	TOPIC / CHAPTER	SUB TOPIC	ACTIVITIES
P.T 1 (April-Jun)	Leçon 0 La France, qu'est ce que c'est ? Leçon 1 La rentrée	<ul style="list-style-type: none"> • Culture et civilization • Les articles 	Children will be divided into groups. One student will say affirmative sentence and other will change it to negative sentence

		<ul style="list-style-type: none"> • Les verbe en -er ,ir ,re et irréguliers • La négation • Les adverbes de quantité 	
P.T 2 (aug)	<p>Leçon 2 Il est français ? Leçon 3 La journée de Mme Lavigne</p>	<ul style="list-style-type: none"> • Culture and civilization • Le féminin et le pluriel des noms et des adjectifs • La position des adjectifs • L’infinitif après un autre verbe Les membres de la famille • Les verbes pronominaux • Les saisons ,les jours de la semaine et les mois de l’année 	<p>Children will be divided into pairs. Children will tell about each other’s day.What the other do in the whole day in French</p>
Mid Term (Sep)	<p>Leçon 0 La France,qu’est ce que c’est ? Leçon 3 La journée de Mme Lavigne Leçon 4 Kalu est malade</p>	<ul style="list-style-type: none"> • Culture and civilisation • Les verbes pronominaux • Les nombres cardinaux et ordinaux • Quelle heure est-il ? • Les saisons ,les jours de la semaine et les mois de l’année 	<p>In this activity one child will act and others will tell what he is telling by using “expression avec avoir”. For ex. Child will act like he is hungry. Other will tell “Tu as faim” etc.</p>

		<ul style="list-style-type: none"> • 3 formes d'interrogation • L'interrogation négative et « si » • Les expressions avec « avoir » • Les animaux • Les adverbes interrogatifs • « savoir » et « connaître » • Les magasins ,le marché • Les plats et la nourriture 	
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TERM – 2

(Oct)	<p>Leçon 6 M. Lavigne cherche un manteau</p> <p>Leçon 7 Allons à Paris</p>	<ul style="list-style-type: none"> • Culture and civilisation • Les Prepositions • Les verbes en -ayer , -oyer , -uyer • Les vêtements et les accessoires • Les Prepositions de lieu • Les noms de pays • Les nationalités 	<p>Teacher will show a picture of different objects and will ask one by one. Children have to answer by using the prepositions. For ex. Teacher : Où est le livre ? Child : Le livre est sur la table.</p>
P.T 3 (Nov)	<p>Leçon 7 Allons à Paris</p> <p>Leçon 8 Les photos de Manuel</p>	<ul style="list-style-type: none"> • Culture and civilisation • Les verbes irréguliers 	<p>.Students will be divided into group and one student will point out an object using demonstrative adjective other will tell whether its masculine or feminine.</p>

		<ul style="list-style-type: none"> • Les adjectifs démonstratifs • Les fêtes françaises • Les professions • 	
Class test (Dec)	<p>Leçon 9 Au café des Laurent</p> <p>Leçon 10 Encore une lettre de Rouen</p>	<ul style="list-style-type: none"> • Culture and civilisation • L'impératifs - affirmatif et négatif • L'impératif des verbes pronominaux • Les adjectifs interrogatifs • Les expressions avec « faire » • Les loisirs et les sports 	<p>Children will be divided into pairs. One will be customer at canteen and other will take order. Now the customer will place order in french by using "impertif". In second round they will change their role and will repeat this activity</p> <p>Children will tell to their classmates which sports or activity they like to do by using the verbs "Faire" and "Jouer"</p>
Final term (Jan-feb)	<p>Leçon 11 Une journée bien chargée</p> <p>Leçon 12 Une visite au parc d'attractions</p>	<ul style="list-style-type: none"> • Le Passé composé avec « avoir » • Le Passé composé avec « être » • La formation du participe passé • La révision de la grammaire précédente (all the previous grammar topics and verbes) 	<p>Students will tell an event of past in the class.</p>

