SYLLABUS-2024-25

SUBJECT -ENGLISH

Class VII

MONTH	UN IT	TOPIC	ART INTEGRATION ACTIVITY	PRAC TICA L	SUBJECT ENRICHMENT
		Literature - Hanuman and I			Enactment of 'The Comedy of Errors'.
		In the Bazaars of Hyderabad			
		Trail of the Green Blazer			
APRIL		Grammar - Subject- Verb agreement			
		Punctuation			
		Jumbled sentences			
		Writing - Formal Letter (Bullying)			
		Literature - Blake's Tyger Revisited (Poem)	Poster Making (Animal Cruelty)		
MAY		Grammar - Tenses (Simple, Continuous, Perfect)			
		Writing - Story Writing (Based on clues)			
		Literature - Playing with Gorillas	Watch a Science Fiction Film and write its review		Choose your favourite poem and recite it in class.
пих		Daffodils (Poem)			
JULY		Grammar - Verb (Transitive and Intransitive)			
		Voice (Active and Passive)			
		Writing - Diary Entry Literature - The Girl who			
AUGUST		Ate Books			Speak for one minute on your
AUGUST		Grammar - Narration			'Favourite pet'.
		Writing - Notice Writing	Create a new version		
SEPTEM		Literature - Friends and Flatterers (poem)	of fairytale with an ending of your own.		
BER		Grammar- Adverbs (kinds)			
		Writing - Story Writing			

	Literature - Wrestling with	Choose any one famous play
	Phogats	and enact
OCTOBE	Time	them in the class with your
R	Machine	group.
	Grammar - Tenses	
	Writing - Creative Writing	
NOVEM BER	Literature- The Forest Lake	Recite your own version of the poem 'If'.
DEK	If (Poem)	
	Literature - The Regimental	
	Myna	Doodling based on the poem
DECEMB	Writing - Formal letter of	
ER	enquiry	'Alphabet Stew"
	Grammar - Narration (Cont.)	
JANUAR	Literature - The Landlady	
Y	Grammar - Modals	
FEBRUA RY	REVISION	
MARCH	EXAMINATIONS	

CLASS -VII SUBJECT -MATHEMATICS 2024-25

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
APRIL	-Number system	 Chapter 1 :Integers Properties of addition and subtraction Properties of Multiplication and Division of Integers Junior Thinkers Chapter 1- Series Chapter 2: Fractions and Decimals Multiplication and Division of Fractions Multiplication and Division of Decimals 	Worli art using basic geometrical shapes	1.To add integers2.Addiition of decimals	Math Maze Puzzle
JUNE	Statistics	Chapter 3: Data handling Collection and Organisation of Data Mean, Median and Mode Bar Graphs Junior Thinkers Chapter 2- Analogy HHW Junior Thinkers Chapter 3- Classification Chapter 4- Coding- Decoding		3. To collect the data and represent in bar graph	Case Study
JULY	-Algebra	-UT 1 Chapter 4: Simple Equation • Solving an equation • Application of simple equation Junior Thinkers Chapter 5- Ranking Test		4.To verify when two lines intersect vertically opposite angles are equal.	Case Study Quiz

	- Geometry	Chapter 5: Lines and angles Different types of angles Linear pair Intersecting lines Parallel lines Junior Thinkers Chapter 6- Blood Relations		
AUGUST	-Geometry -	Chapter 6: Triangle and its properties Angle sum property Exterior angle property Special triangles Sum of lengths of 2 sides of a triangle Pythagoras theorem Junior Thinkers Chapter 7- Missing Numbers Chapter 9: Perimeter and area Square and Rectangle Triangles Area of parallelogram Area of triangle Area of circle Applications	5.To verify that in an isosceles triangle equal sides has equal angles.	To verify Pythagoras theorem using a squared paper
SEPTEMBER		-Revision - term -1		Quiz
OCTOBER	-Number system	Chapter 8: Rational number Introduction Standard form Comparison Operation Addition Subtraction Multiplication Division Junior Thinkers Chapter 8- Figure Counting Chapter 7: Comparing Quantities Ratio Percentage Increase and Decrease percent Simple interest		Case study

NOVEMBER		Junior Thinkers		Math Puzzle
		Chapter 9-		Word search
		Mathematical		
		Operations		
	4.1 1	Chapter 10: Algebraic		
	Algebra	expressions		
		• Expressions		
		• Terms		
		 Monomial, Binomial, Trinomial, Polynomial 		
		Addition and		
		Subtraction		
		• Finding the value of an		
		expression		
		Junior Thinkers		
		Chapter 10-		
		Direction and Distance		
		Distance		
DECEMBER	-Arithmetic	Chapter 11: Exponents		
	7 HILIMICTIC	and powers	7.To find	
		Laws of exponents	the value of	
		 Expressing large 	a ⁿ using	
		numbers in standard	paper	
		forms.	folding	
		Junior Thinkers		
		Chapter 11- Alpha		
		Numeric Sequences		
		-UT 2 Examination		
JANUARY	-Geometry	Chapter 12: Symmetry	8. To	Activity on
		• Lines of Symmetry for	construct a	symmetry in
		regular polygons	square by	nature
		• Rotational symmetry Junior Thinkers	paper	
			folding	
		Chapter 12- Venn Diagram	O. To malea	
		Chapter 13:	9. To make nets of 3-D	
		Visualising solid	shapes by	
		shapes	paper	
		Plain figures and solid	folding	
		shapes	J	
		• Faces, edges and vertices		
		Nets of 3-D shapes		
		Visualising solid		
		objects		
EEDDIIADSZ	DEMICION	T · m·		
FEBRUARY	REVISION	Junior Thinkers		

	Chapter 13- Figure Based Intelligence		
	Revision for term 2		
	examination		
MARCH	Term 2 examination		

CLASS VII SUBJECT-SCIENCE SYLLABUS 2024-25

	1	T		1	
MONTH	UNIT	TOPICS	ART INTEGRATION	PRACTICALS	SUBJECT ENRICHMENT
			ACTIVITY		ACTIVITY
April	Nutrition in Plants	*Modes of Nutrition	Colourful diagrams of	Mode of nutrition	Board game on the topic plant
(23)		Autotrophic, Heterotrophic and	plants with different mode	in bread mould	nutrition
		Saprotrophic	of nutrition		
		*Nutrient Cycling			
April	Nutrition in Animals	*Digestion in human beings	Role play of the process of	Test of starch	3D clay model of teeth
		*Digestion in Ruminants	digestion in humans		arrangement
		*Digestion in Amoeba			
May	Heat	*Temperature *Thermometer		Measure	Watch video on sea breeze and
(12)		*Modes of heat transfer		temperature of	land breeze.
				hot water	
July (25)	Acids, Bases and	*Classification of Acids abd Bases	Turmeric card activity	Distinguish acid	Hands on activity of acid base
	Salts	*Indicators		and base using	reaction.
		*Neutralisation reaction and its		indicators.	
		application.			
July	Physical and	*Characteristics of Physical change		Experiment of	Educational visit
	Chemical Changes	and Chemical Changes		vinegar and baking	
		*Rusting *Prevention of Corrosion		soda.	
		*Crystallisation			
August	Respiration in	*Aerobic and Aaerobic Respiration	Create model of	Test the presence	
(23)	Organisms	*Mechanism of Breathing	Respiratory system. OR	of CO ₂ in exhaled	
		*Respiration in other Organisms	PPT of respiration in	air.	
			different organisms.		
Sept	TERM 1 Revision				
Oct (18)	Transportation in	*Components of Circulatory System	Making Stethoscope using	Examine pulse rate	Sketch detailed drawing of the
	animals and plants	*Excretory System	waste material		heart and excretory system.
		* Transportation in Plants			
Nov	Reproduction in	*Asexual methods of Reproduction		Reproduction in	Visit to herbal garden
(22)	Plants	*Sexual reproduction in Plants		potato, rose and	
		*Seed Dispersal		Bryophyllum	
Nov	Motion and Time	*Uniform motion * Measurement of	Making of Sundial	Find time period	

		time *Speed * Distance-time graph		od Simple pendulum.	
Dec(24)	Electric Current & Its Effects	*Heating effect of electric current and its application *Magnetic effect of electric current and its application.		Working of electric bell	Making of electromagnet or electric bell
Dec	Light	*Characteristics of Plane mirror and Spherical mirrors *Characteristics of Spherical lenses *Dispersion of Light	Making of Newton's disc	Dispersion of light through prism	
Jan (14)	Waste Water Story	*Sewage *Waste water treatment Plant *Better house keeping practices *Alternate sewage disposal.	Role play of WWTP	Stages of Cleaning Waste water.	Watch video of WWTP
Feb (21)	ANNUAL EXAM REVISION				

हिंदी पाठ्यक्रम (2024 -25) कक्षा — सातवीं

	सुनहरी धूप	पाठ	कलासमेकित गतिविधि	विषयसंवर्धन-गतिविधि	
		tion of the second			
अप्रैल	महाभारत	हींगवाला ,समर्पण (कविता) अध्याय 1,2	— कविता संबंधित		
	व्याकरण	- /		वाचन कौशल / अभ्यास पत्र / संवाद लेखन	
	अनुच्छेद – लेखन		चित्राभिव्यक्ति		
	कहानी-1&2) कहानी की सीख के आधार पर कहान				
	पिटारा	लेखन			
	सुनहरी धूप	अगर नाक न होती			
	महाभारत	अध्याय ३,४			
	व्याकरण	छोटे भाई को पत्र			
मई		पर्यायवाची	कार्डरचना	अभ्यास पत्र / पत्र लेखन	
		विलोम			
		मुहावरे			
	पिटारा	कहानी-3&4) कहानी के आधार पर चित्र वर्णन			
	सुनहरी धूप	महान विभूति : राजेन्द्र प्रसाद			
	ਸਟਾਅਸਟ	अध्याय 4,5			
जुलाई	महाभारत व्याकरण	काल और उसके भेद	कक्षाकक्ष मे भाषण प्रतियोगिता	कार्यपत्रिका	
	54147(-1	माता/पिता को पत्र	-		
	पिटारा	कहानी-५ अभिनय द्वारा कहानी मंचन			
	सुनहरी धूप	अशोक का शस्त्र-त्याग			
		जशाक का शस्त्र-त्यान			
	महाभारत	अध्याय ६,७			
		क्रियाविशेषण और उसके भेद			
अगस्त		अनुच्छेद – लेखन पर्यायवाची	तत्संबंधी राजाओ की पटकथा	अभ्यासपत्र	
	व्याकरण	विलोम	चा पटकावा		
		वाक्यांश के लिए एक शब्द			
		मुहावरे			
	पिटारा	कहानी- ६ वाचन			
	सुनहरी धूप	छोटा जादूगर		प्रश्नोत्तर / अभ्यासपत्र	
	महाभारत	अध्याय 8,9,10			
सितम्बर	व्याकरण	सम्बंधबोधक	— मॉडल		
ITIU-41		श्रुतिसम भिन्नार्थक	4150	प्रशासर / जम्पासपत्र	
		अनेकार्थक शब्द			
	पिटारा	कहानी- ७ (रचनात्मक कार्य -संवाद लेखन)			
	सुनहरी धूप	प्रेम में परमेश्वर युगावतार गाँधी			
	महाभारत	अध्याय ११,१२	म्नोवांछित्	गाँधी समकक्षी अन्यों का विवरण	
अक्टूबर	व्याकरण	अपठित गद्यांश	सनाानया म स एक का चित्र निर्माण		
	54147(-1	मित्र को पत्र			
	पिटारा	कहानी- 8			
	सुनहरी धूप	माँ जीवन संचालिका			
		मंजिल दूर नहीं है (गतिविधि – साक्षात्कार लेना)			
नवम्बर		ऐसे थे बालकृष्ण (रचनात्मक कार्य)	दोहे / श्लोक	माँ आधारित (अनुच्छेद)	
	महाभारत	अध्याय 13,14			
	व्याकरण	बड़े/छोटे भाई को पत्र	_		
	सुनहरी धूप	देवताओं का अंचल : कुल्लू			
	स्र १५४। भूम	भक्ति के भावसुमन (कविता-पाठ)	\dashv		
	महाभारत	अध्याय 15,16	\dashv		
दिसम्बर	व्याकरण	समुच्चयबोधक	मानचित्र निर्माण	स्वरचित कविता लेखन	
		विस्मयादिबोधक 			
		अनुच्छेद – लेखन	_		
	पिटारा	कहानी- 9			
	सुनहरी धूप	बूढी काकी			
		भारत से दूर एक छोटा भारत(केवल वाचन)	\dashv		
	महाभारत	अध्याय 17,18	\dashv		
जनवरी	व्याकरण	अपठित गद्यांश	माता - पितृ भक्ति	वाचन कौशल	
		मुहावरे	_		
		श्रुतिसम भिन्नार्थक			
		अनेकार्थक शब्द			
रवरी / मार्च	सुनहरी धूप	चलना हमारा काम है ,जयगान (रचनात्मक कार्य)	पत्र लेखन	सस्वर वाचन	
	पिटारा	कहानी- 10 & 11	וישוז מבין	(1447 Al A.)	

विषय: - संस्कृतम् 2024-25

कक्षा - सप्तमी

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मासा:	पाठा:	विषयवस्तुनि	कलासमेकित गतिविधय:	विषयसंवर्धन-गतिविधय:
अप्रेल/मईमास श्च	प्रथमपाठ:	वार्तालाप :	वदतु-वदतु किं चित्रम्	पदोच्चारणम्
	संख्याज्ञानं	गणना 1-20		अभ्यासपत्रम् / अभ्यासाः
	शब्दरुपाणि	(हरि ,पितृ , मति ,देव		वाचनकौशलम्
				लेखनकौशलम्
	अव्ययपदानि	पाठस्थपदानि		भाषणकौशलम्
	संख्या ज्ञानं	1-20) 1-4 त्रिष्लिंगेष्		शब्दरूपगीतम्
		अावर्षपर्यंतम् आवर्षपर्यंतम्		लट् लृट् लकारयोः आवृत्तिः
जुलाईमास:	द्वितीयपाठ:	लङ् लकार :		परस्परसंलापम्
	पंचमपाठ:	पर्यावरण-महोत्सव:		लोट् लकार:
		खाद्, कृ, गै, नम् ,स्था, पच्हस्,	लट् , लृट् , लोट् , लङ लकारेष्	अभ्यासपत्रम्
		गम् लिख्	आवर्षपर्यंतम्	अभ्यासाः
		आवर्षपर्यंतम्	आपगमपरान्	
अगस्तमास:	द्वादशपाठ:	मम देश: महान्	रचयतु मानचित्रम्	कक्षापरीक्षा
	तृतीयपाठ:	लङ् लकार:		अभ्यासाः
	चतुर्थपाठ:	लङ् लकारः		वर्गप्रहेलिका:
सितंबरमास:	सप्तमः पाठः	पीयूष-बिंदव:	सज्जीकृत्य: श्लोकान् लिखतु	पाठस्थः क्रियाकलापः
अक्टोबरमास:	षष्ठपाठ:	मम दिनचर्या	चित्राधारीकृत्य स्वदिनचर्या दर्शयतु	अभ्यासपत्रम्

नवंबरमास:	एकादशपाठ:	सूक्ति-पुष्पांजलि:	पाठस्थः क्रियाकलापाः	मेलनक्रियाकलाप:
दिसम्बरमास:	नवम: पाठ:	काकस्य चतुर्यम्	क्रियाकलापा:	उपपद विभक्ति:
	समयलेखनम्			
जनवरीमास:	त्रयोदशपाठ:	उद्यमेन हि——	वर्गप्रहेलिका:	अभ्यासपत्रम्
फरवरीमास:	चतुर्दश: पाठ: दैनंदिन: पदावली	लक्ष्यनिर्धारणस्य महत्त्वम् 1-25 पर्यंतम्	आ.द्रोणस्य चित्रं निर्मिय लेखं लिखतु	स्व-स्वपरिचयम् देयम्
	विनोद-कणिका	पठनाय		छात्रा: स्वानुभवम् वदिष्यंति

CLASS VII-SOCIAL SCIENCE-YEARLY PLANNER 2024-25

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICAL S	SUBJECT ENRICHMENT ACTIVITY
	History	L-1 The Medieval world	Make a travelogue based on your past visit to any place.	NA	
APRIL (23)	Geography	L-1 Our Environment		NA	
	Political Science	L-1 Democracy		NA	Making a class constitution
MAY (12)	History	L-2 - The Regional Kingdom 1	Showing a documentary of medieval rulers and their kingdoms.	NA	L-6 - Monumental Architecture (HHW) Make a model of
			Art Integration Project by CBSE(HHW)		any monument of medieval era followed by class presentation.
	Geography	L-2 - Inside Our Earth	Diagrams of inside layers of Earth.	NA	
JULY (25)	Political Science	L - 2 - Pillars of Democracy		NA	L - 7 - Towns, Traders & Craftsman-Case study -Trace the journey of native craftsman of India.
	History	L- 3 The Sultanate Period		NA	Drawing favourite ruler of Sultanate times.
AUGUST	Geography	L - 3 - The Changing Earth	Making a mini volcano model	NA	
(23)	Geography	L -5 - Composition & Structure of the Atmosphere		NA	Showing video of the structure of atmosphere followed by brainstorming session.
		L - 5 - Media and Democracy	Role Play-Be a journalist	NA	
SEPTEMBER (22)	Geography	L-4 -Major landforms		NA	

	Political Science	L - 8 - Role of Gender	Role Play-What if you were of an opposite gender?	NA	Showing a short film-Juice and Muskaan followed by class discussion
OCTOBER (18)	History	L-5 - The Great Mughals	Write a letter to any great Mughal followed by class discussion of all letters.	NA	
	Political Science	L - 3- Democracy in Action	L - 8- Natural Vegetation & Wildlife – Make the collage of Endangered species and Extinct species	NA	
NOVEMBER (22)	History	L- 11 - Political Formation in the 18th Century.	Comparative study of the following places by making PPT or Flipbook- • L-10-Life in the Tropical & sub- tropical region • L-11 -Life in the Temperate Grassland	NA	L-4 - The Regional Kingdoms 2- The food festival Choose a state and research on its history, culture and food. Make a dish of that place and present in class
	Political Science	L- 4 - State Government		NA	Power Point Presentation
\	Geography	L -6 - Weather & Climate		NA	Be a weather forecaster
DECEMBER (24)	Political Science	L -7 - Markets Around us	Role Play of market stakeholders- Manufacturer, Wholesaler, Retailer etc.	NA	
	Geography	L - 7 - Water	L- 6 -Advertising -Ad Mad	NA	L - 8 -Tribal Communities – Showing a
JANUARY (14)			Water- Watching a Short film followed by poster making on used papers.		documentary of Munda and Santhal tribes
FRBRUARY		Exams	- I was papers.		

	ART YEARLY SYLLABUS CLASS –7th Session -2024-25			
S.NO	MONTH	TOPIC		
1	APRIL	Colour theory and colour mixing activities. Colouring practice with shading		
		activities in art file		
2	MAY	1. Pencil Shading- Concept of light and dark in detail. (3 activities from Artbook) 2. Understanding composition negative and positive space. drawing compositions with line, shapes and forms.		
3	JULY	1. Learning techniques of drawing Understanding concept Of perspective . (two composition to be done in art file) 2. Poster making- parts of a postercomposition. 3. Concept of Line- Random line drawing composition(abstract) 4. Concept of composition- foreground, middleground and background.		
4	AUGUST	Independence day Activities a. Composition in art file Rakhi making etc		
5	SEPTEMBER	Pattern design Drawing landscape with pattern Artbook activites (any 2)		
6	OCTOBER	Abstract art (human face/landscape) Learning Human Drawing (2 compositions) Activity based on Diwali.		
7	NOVEMBER	ART WORK ON SDG GOALS Activities from Artbook.		
8	DECEMBER	Christmas month activities Drawing and craft		
9	JANUARY	1.Activities from art book. 2. Craft activities (symmetrical cutting compositions) 2. Drawing compositions with human figure.		
10	FEBRUARY	 Name design in Calligraphy Practice work (Revision) 		
	MARCH			

Holidays home work from art book.

		SUBJECT -COM			
		CLASS-V			
MONTH	UNIT	ТОРІС	ART INTEGRATIO N	PRACTICAL	SUBJECT ENRICHMEN ACTIVITY
APRIL	CH.4 LISTS AND TABLES IN HTML	LIST NESTED LIST TABLES STYLING TABLES		Prepare a list of grocery items with their prices in Excel. Use different formulas and functions	Prepare a worksheet in Exc depicting marks of students different subjects and calculating their percentag
MAY	CH.5 IMAGES, LINKS AND FORMS IN HTML	ADVANTAGES OF CHARTS COMPONENTS AND TYPES OF CHARTS CREATING CHARTS CHART TYPES AND DATA RANGE CHANGING BACKGROUND OF CHARTS	Create charts with given data in Excel	Use the worksheets created in Ch.2 to create charts. Use different chart types to depict the data	
JULY	CH.1 NUMBER SYSTEM	DATA REPRESENTATION NUMBER SYSTEMS CONVERSIONS OPERATIONS ON BINARY NUMBERS	-	Conversion of differene Number Systems	
AUGUST	CH.2 ADVANCED FEATURES OF EXCEL	SUM() AND IF() FUNCTION SORTING DATA FILTERING DATA CONDITIONAL FORMATTING		Prepare a worksheet in Excel and format the data	Prepare a Excel worksheet real time case study and analyse the data.
SEPTEMBER	REVISION	PRACTICALS TERM I EXAMINATION			
OCTOBER	CH.10 TOKENS AND DATA TYPES IN PYTHON	PYTHON CHARACTER SET PYTHON TOKENS AND DATA TYPES ERRORS BASIC PROGRAMS		Python Programs	
NOVEMBER	CH.8 GOOGLE APPS	GOOGLE WORKPLACE COMMONLY USED GOOGLE APPS APPS FOR EVERYDAY USE		Python Programs	Demonstration on Smart Screen on usage of Googl Apps
DECEMBER	CH.9 CYBER SECURITY	NEED OF CYBER SECURITY COMPUTER ETHICS CYBER SECURITY MEASURES INDIAN LAWS AND GOVT. INITIATIVES	-	Python Programs	Group Discussion on Cyber crime cases and how to be cyber safe.
JANUARY	CH.11 FUTURE OF ARTIFICIAL INTELLIGENCE	EVOLUTION OF AI FUTURE PROSPECTS OF AI	- Cyber Laws Presentation	Python Programs	Watching videos on AI too
FEBRUARY	REVISION	PRACTICALS ANNUAL EXAMINATION			

ANNUAL EXAMINATION

<u>Sports Syllabus</u> April 2024 – March 2025

Class VII

S.No.	Month	Sport/Event	Description
1.	April	Sports Day Practice	Warm-Up routine
		Calisthenics (PT exercises)	Fitness: Free hand exercises
		Yoga	Rules and regulations
		Table Tennis	Skill Practice
2.	May	Throw ball	Warm-Up routine
		Basketball	Fitness: Free hand exercises
		Yoga	Rules and regulations
		Table Tennis	Skill Practice & game play
3.	May & June	Summer Vacations	
4.	July	Basketball	Warm-Up routine
		Badminton	Fitness
		Recreational games	Rules and regulations
		Table Tennis	Skill Practice
5.	August	Badminton	Warm-Up routine
		Basketball	Introduction of the field events
		Carom Board Game	Rules and regulations
		Recreational games	Skill Practice & game play
6.	September	March past	Techniques of marching & the commands
		Football	Skill Practice & game play
		Throw ball	
7.	October	March past	Warm-Up routine & Fitness
		Basketball	Rules and regulations
		Football	Yoga
		Table Tennis	
8.	November	March past	Warm-Up routine
		Basketball	Skill Practice and mini games
		Table Tennis	
		Football	
9.	December	Traditional Games: Kho-Kho.	Game Introduction
			Rules and Regulations
			Practice game play
10.	January	Basketball	Warm-Up routine
		Football	Skill Practice
		Kho-Kho	Game play
11.	February	Examination	Assessment
			Submission of grades to the class teachers
12.	March	Examination	Uploading grades on the portal

Note: -

- ➤ The sports syllabus will also hold all the RSMI activities round the year. E.g. Vanshala, trekking camps, rock climbing courses, scouts and guides. Taekwondo classes are a regular feature on the time table for the students of classes 6th, 7th, and 8th.
- > Assessment is done at the end of the academic session.