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RADHA GOVIND PUBLIC SCHOOL

Anuyogipuram , Garh Road, Meerut

SYLLABUS : SESSION 2022-23

CLASS - IX

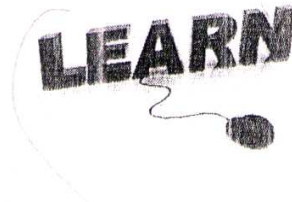
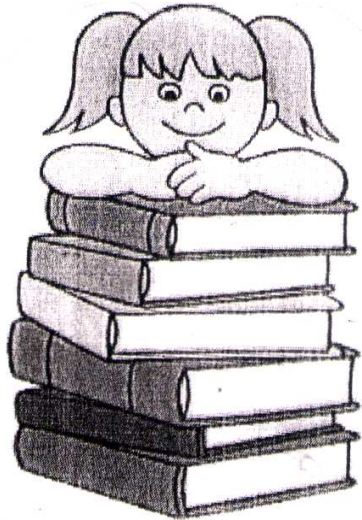
CLASS NAME -ONYX

Name: _____

Class: _____

Admn.NO: _____

Phone No: _____



“OP.Aimism is the faith that leads to achievements.Nothing can be done without hope and confidence”

Note: Kindly preserve this syllabus in the student’s personal file for the entire session 2022-23. In case it is lost or destroyed a duplicate copy will be available for Rs.30/-.

CLASS IX SYLLABUS 2022-23

ENGLISH (Code-184)

Name of the Book		Publisher		
Beehive Moments		NCERT		
Months	P.A	Section	Chapter	
March & April		Reading Skills Writing Skills & Grammar Beehive (Prose) Literature Prose/Poetry	Comprehension Passage	
			1. Descriptive Paragraph	
			2 Story Writing	
			1. Tenses	
			Ch 1 The Fun They Had	
May			Ch 2 The Sound of Music	
			Poem *The Road Not Taken	
			* Wind	
			Ch 1 The Lost Child	
			Ch 2 The Adventures of Toto	
June	PA-I Examination		Revision	
			Modals, Editing	
			Ch - The little girls	
			Ch - Truly Beautiful Mind	
			Poem- Rain on the roof	
July			Ch - Iswaran the story teller	
			Diary Entry	
			Poem *The Lake Isle of Innisfree	
			Ch - In the Kingdom of Fools	
			Ch - The Snake and the Mirror	
August		Reading Skills	Comprehension	
			Writing Skills & Grammar	Ch - My Childhood
				Poem - A legend of the northland
				Poem :- No Men Are Foreign
				Ch - The Happy Prince
Sub-verb concord				
September	Half Yearly Examination	Revision-Reading/Writing/Grammar/Literature/Listening & Speaking skills		
October			Indirect Speech-Statement	
			Ch - Reach for the Top	
			Ch - The Last Leaf	
			Poem- On Killing A tree	
			Listening and Speaking Task	
November			Comprehension Passage	
			Indirect Speech-Interrogative	
			Ch -Kathmandu	
			Ch - A House is not a home	
			Poem- A slumber did my spirit seal	
December			Story Writing, Paragraph Writing, Editing, Dairy Entry	
			Ch- If I were You	
			Ch- The Beggar	
			Determiners	
			PA-III Examination	
January		Revision assignments will be given, works on project based activities, Listening & Speaking Skills.		
February		Annual Examination		

Hindi (Code-002)

Name of the Book		Publisher	
शिक्षित भाग-1 कृतिका भाग -1		पाठ्य पुस्तक पूरक पाठ्य पुस्तक सरस्वती	
Months	PA	Section	Chapter/ Activity
मार्च व अप्रैल		शिक्षित (गद्य) व्याकरण लेखन अपठित	पाठ-1 दो बेलों की कथा उपसर्ग व प्रत्यय अनुच्छेद लेखन काव्यांश
मई	PA- I Examination	अपठित कृतिका शिक्षित (काव्य) लेखन	गद्यांश पाठ-1 इस जल प्रलय में साखिया साखियाँ पत्र लेखन
जून		अपठित (गद्य) व्याकरण लेखन अपठित शिक्षित (काव्य)	पाठ-2 लहासा की ओर समास संवाद लेखन काव्यांश सबद (पाठ 9)
जुलाई		शिक्षित (गद्य) व्याकरण लेखन शिक्षित	पाठ 3 उपभोक्तावाद की संस्कृति अलंकार सूचना लेखन गद्यांश वाख (पाठ 10) पाठ 2 मेरे संग की औरते
अगस्त		अपठित (गद्य) व्याकरण लेखन अपठित शिक्षित (काव्य)	पाठ-4 सौंवेले सपनों की याद अर्थ के आधार पर वाक्य भेद लघुकथा काव्यांश कैदी और कोकिला पाठ 12
सितंबर	Half Yearly Examination	शिक्षित (गद्य) लेखन अपठित शिक्षित (काव्य) कृतिका	पाठ 6 प्रेमचंद के फटे जूते ई-मेल लेखन गद्यांश सवैये (पाठ 11) रीढ़ की हड्डी
अक्टूबर		शिक्षित (गद्य) शिक्षित (काव्य)	पाठ-7 मेरे बचपन के दिन, ग्राम श्री (पाठ 13)
नवंबर		शिक्षित (गद्य) लेखन अपठित शिक्षित (काव्य)	मेघ आए अनुच्छेद काव्यांश बच्चे काम पर जा रहे हैं
दिसंबर	पुनरावृत्ति अभ्यास		
	PA-III Examination		
जनवरी	पुनरावृत्ति अभ्यास		
फरवरी	वार्षिक परीक्षा		

MATHS (Code-041/241)

Name of the Book		Publisher	
NCERT			
Months	PA	Chapter	Practical & Activity
March		Ch-1: Number System (Real Numbers)	1. Represent an Irrational Number on the number line. 2. Construct a square root spiral.
April		Ch-2: Polynomials	
		Ch-3: Coordinate Geometry	
May		Ch-4: Linear Equation in Two Variables	3. Verify that the sum of other angles of a triangle is 180° .

May	PA- I Examination	Ch 5 Introduction to Euclid's geometry	4. Verify that the exterior angle is equal to sum of interior opposite angle.
June		Ch 6 Lines and Angles, Revision of PA-I	5. Verify experimentally that if two lines intersect, then i) The sum of all the four interior angles is 360° . ii). The sum of two adjacent angles 180° .
July		Ch 7 Triangles Ch 8 Quadrilaterals	6. Verify experimentally the different criteria for congruency of triangles using different triangular cut out shapes. 7. Verify experimentally that in a triangle the longer side has the greater angle opposite to it.
August		Ch 10 Circles	8. Making a parallelogram by paper folding. 9. Explore the various criteria for congruency of triangles.
September	Half Yearly Examination	Ch 11 Constructions (Coordinate Geometry) Ch 12 Heron's Formula (Area)	10. Find the area of geometric figures by using a geoboard. 11. Derive a formula for finding the Area of a Triangle.
October		Ch-13: Surface Area and Volumes	12. Obtain the Mirror Image of a given Geometric figure. 13. Derive a formula for finding the Area of a circle.
November	Ch-14: Statistics + Revision		
December	PA-III Examination		
January	Revision		
	Annual Examination		

SCIENCE (Code-086)

Name of the Book		Publisher	
NCERT			
Months	PA	Chapter	Experiments
March & April		Motion	Exp 1 Determination of the melting point of ice and the boiling point of water
		Matter & its surroundings	1. Preparation of a suspension of soil, chalk powder & fine sand in water 2. True solution of common salt, sugar & alum
		The fundamental unit of life cell	
May & June	PA- I Examination	Motion	Exp 2 Verification of the laws of reflection of sound
		Is Matter Around Us Pure. (Nature of matter)	
		Tissues,organs, organ system, organim.	
July		Force and Laws of Motion	Perform the following reactions and classify them as physical or chemical changes: Unit-I a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water
		Atoms and Molecules (Particle Nature and their Basic units)	
		Tissues	Identification of Parenchyma, Collenchyma, Sclerenchyma tissues in plants, Striped, smooth & cardiac muscle
August		Force and Laws of Motion	Verification of the law of conservation of mass in a chemical reaction.
		Atoms and Molecules	
		Improvement in Food Resources (Food Production)	Preparation of stained temporary mounts of (a) onion peel (b) human cheek cells
September	Half Yearly Examination	Gravitation	
		Atoms and Molecules	
October		Floatation	1. Preparation of a mixture & a compound using iron filings & sulphur powder & distinguish b/w these on different properties basis. 2. Separation of the components of a mixture of sand common salt & Iron filings ammonium chloride
		Structure Of Atom	
		Work and Energy and Power	1. Perform different reactions & classify them as physical or chemical changes b) Burning of magnesium ribbon in air c)

November & December	PA-III Examination	Structure of the Atom	Zinc with dilute H ₂ SO ₄
		Sound	
		Food Production	
January	Revision		
February	Annual Examination		

SOCIAL SCIENCE (Code-087)

Name of the Book	Publisher	
NCERT		

Months	Section	Chapter	Activity /Practicals
March & April	History Geography Economics	The French Revolution	1. With the help of following draw the hierarchical structure of french society. 2. Plan the village Palampur. 3. Map, Physical Features. 4. Status & Capitals 5. Class debates on democracy as the best form of government.
		Indian Size & Location	
		The story of village palampur	
		What is Democracy ?	
		Why Democracy	
May & June	Civics History Geography	MAP- History - Mark Bordeaur, Nantes, Paris, Marseilles.	6. Indian Size & location Portfolios 7.
		MAP- Geographical-States & Capitals Tropic of Comas, Standard Meridian	
		Socialism in Europe	
		Physical Features of India	

PA-I Examination

July	Geography	Constitutional design Drainage	8. Subject Enrichment Activity 9. Preamble 10. Map
August	Economics History Geography	People as Resource	11. Wild Life Sanctuaries & Sparks 13. MAP Central & Allied Powers. 14. Reading Stories and sakal and vilas and analyzing their situations
		Forest Society & Colonialism	
		Climate	
		The French Revolution (Revision)	
September	Civics Economics Civics	Electoral Politics	15. Map Mountain Range, Plateau, Coastal Plains. 16. Himalyan River System, lakes
		Poverty	
		Working of Institutions	

Half Yearly Examination

October	History Geography	Nazism and the Rise of Hitler	17. Areas Receiving Rain fall less than 20cm.
		MAP - Nazism & rise of Hitler	
		Pastoralists in the modern world	
November	History Geography Civics	Natural Vegetation & Wild Life	18. Class discussion on the ideas of Preamble and its deeper implication. 19. Portfolio
		Population	
		Democratic Rights	
December	Economics Geography	Food Security in India	20. Data Collection and research find out atleast one person each for disguised
		MAP- Natural Vegetation & Wildlife	

PA-III Examination

January	Revision		
February	Annual Examination		

IT (Code-402)

Name of the Book	Publisher	
Information Technology	NCERT	

Months	Section	P.A	Chapter
March & April	Part A	Unit 1 Communication Skills - I Unit 2 Self-Management Skills -	Unit 1 : Make a chart on the Chapter - 7 C's of effective communication' Unit 2 : Group discussion on - "Aim in life"
	Part B	Unit 1: Introduction to IT-ITeS industry	Unit 1: Create a poster in 'Writer' on the Chapter- "Application of IT"

May & June	Part A	Unit 3 Basic ICT Skills- I Unit 4 Entrepreneurial Skills - I	Unit 3 : Draw a diagram of a computer system showing all the devices connected to it. Label the diagram and mention the uses of the various devices. Unit 4 : Group discussion on- Advantages of entrepreneurship over wage
	Part B	Unit 2: Data Entry & Keyboarding Skills	Unit 2 : Make a model of Keyboard showing all keys
PA-I Examination			
July	Part B	Unit 3: Digital Documentation	Unit 3 : Create the cover page of your IT book
August	Part A	Unit 4:Electronic Spreadsheet	Unit 5 : Create a powerpoint presentation on - "Importance of Green Skills"
September	Part B	Unit 4:Electronic Spreadsheet (cont.)	Unit 4 : Create the list of holidays in the year 2021(in Open Office Calc).
	Half Yearly Examination		
October	Part B	Unit 5: Digital Presentation	Unit 5: Create a presentation of 10 slides on any one of the given Chapters: a. Sustainable Development and Green Skill b. Role of Entrepreneurship
November	Part B	Unit 5: Digital Presentation(cont.)	Unit 5: Create a presentation of 10 slides on any one of the given Chapters: a. Sustainable Development and Green Skill b. Role of Entrepreneurship
December	Part A	Unit 5 Green Skills - I	
	PA-III Examination		
January			Revision
February			Annual Examination