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# RADHA GOVNID PUBLIC SCHOOL

Anuyogipuram , Garh Road, Meerut

SYLLABUS : SESSION 2021-22

CLASS - IX

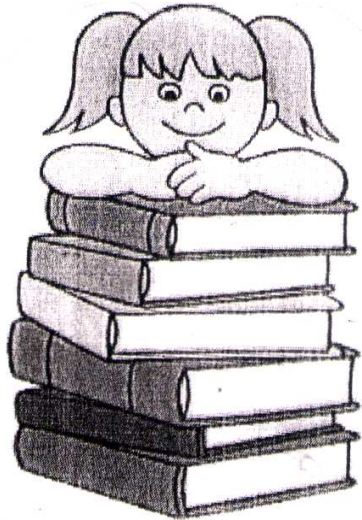
CLASS NAME -ONYX

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Admn.NO: \_\_\_\_\_

Phone No: \_\_\_\_\_



LEARN

*“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 2021-22. In case it is lost or destroyed a duplicate copy will be available for Rs.30/-.*

**CLASS IX SYLLABUS 2021-22**

**ENGLISH (Code-184)**

<b>Name of the Book</b>		<b>Publisher</b>	
<b>Months</b>	<b>P.A</b>	<b>Section</b>	<b>Chapter</b>
April ( Study Days20)		Reading Skills	Comprehension Passage
		Writing Skills & Grammar	1. Descriptive Paragraph
			2 Story Writing
			1. Tenses
		Beehive (Prose)	2. Modals
			Ch 1 The Fun They Had
			Ch 2 The Sound of Music
		Poetry	Ch 3 The little girls
			Poem *The Road Not Taken
			* Wind
Supplementary Reader (Moments)	* Rain on the roof		
	Ch 1 The Lost Child		
May & June ( Study Days10)		<b>Summer Vacation</b>	
		Reading Skills	Ch 2 The Adventures of Toto
		Writing Skills & Grammar	Comprehension Passage
			1. Article Writing
		Beehive (Prose)	1. Active of Passive Voice
			Ch 4 Truly Beautiful Mind
		Poetry	Ch 5 The Snake and the Mirror
			Poem *The Lake Isle of Innisfree
		Supplementary Reader (Moments)	*A legend of the northland
			Ch 3 Iswaran the story teller
Ch 4 In the Kingdom of Fools			
July ( Study Days25)		PA-I	Reading Passages - 2
		A- Comprehension Passage	1. Story Writing
		B- DescriP. Aive paragraph, Story Writing, Tenses Modals	2. Subject -Verm Concord
		Active & Passive Voice	3. Reported Speech
		C- Ch- 1,2 &3 (Beehive) The Road not taken, wind (poem)	Ch 6 My Childhood
		Ch-1 &2 (moments)	Ch 7 Packing
			Poem :- No Men Are Foreign
			Ch 5 The Happy Prince
			Ch 6 Weathering the Storm In Ersama
			PA-I Examination
August ( Study Days21)		Reading Skills	Comprehension Passage
		Writing Skills & Grammar	1. Letter Writing (Informal)
			1. Prepositions
			2. Gap Filling
		Assessment	3. Sentence Reordering
			Listening and Speaking Task
	Revision	Supplementary Reader (Moments)	
September ( Study Days26)		Revision	A. Comprehension Passage
		Half Yearly Examination	

October ( Study Days23)		Article Writing & Day Writing voice, speech, Stv Concerned C. Ch-4,5,6 & 7 (Beetive) Lakeasle of Innis free, Legend of Northland (Poem) Ch-3 &4 (moments)	Comprehension Passage
			1. Letter Writing (Formal)
			2 Determiners
			Ch 8 Reach for the Top
			Poem- The Duck and the kangaroo
			Poem- On Killing A tree
			Ch 7 The Last Leaf
			Ch 8 A House is not a home
November ( Study Days22)			Comprehension Passage
			1. Article Writing
			Clauses: Noun Clauses
			Ch 9 The Bond of Love
			Poem - The Snake Trying
December ( Study Days27)		A- Comprehension Passage B- Letter Writing, DecrP.Aive paragraph, Prepositions, Speech, Gap Filling C-ch-8,9 &10 No men are foreign, The duck & the kangaroo (poem) ch-5,6 & 7 (moments)	Comprehension Passage
			1 Letter Writing (Informal)
			Clauses - Adverb Clauses
			Ch -10 Kathmandu
			Ch-11 If I were You
			Poem- A slumber did my spirit seal
			Ch-9 The accidental Tourist
			PA-III Examination
January ( Study Days11)		Comprehension passage 1. Clauses - Relative clasuse Ch-10 The beggar	
February	Annual Examination		
<b>Hindi (Code-002)</b>			
<b>Name of the Book</b>		<b>Publisher</b>	
क्षितिज भाग-1 कृतिका भाग -1		पूरक पाठय पुस्तक सरस्वती	
<b>Months</b>	<b>Section</b>	<b>Chapter</b>	<b>सहायक गतिविधियाँ</b>
अप्रैल (कार्य दिवस 22)	क्षितिज- पाठ-1,2,9 कृतिका -पाठ- 1 व्याकरण -पाठ-1 , पत्र	पाठ-1 दो बैलो की कथा	कबीर के दोहे पर आधारित भित्ति पत्रिका
		पाठ-2 लहासा की ओर	
		पाठ-9 कबीर -साखियाँ एवं सबद	
		पाठ-1 इस जल प्रलय में (कृतिका)	
		पाठ-1 शब्द निर्माण (व्याकरण)	
		पत्र, अनुच्छेद	
मई व जून (कार्य दिवस 10)	क्षितिज- पाठ-4,11,12 कृतिका -पाठ- 2 व्याकरण -अर्थ के दृष्टि से वाक्य भेद, अनुच्छेद	<b>ग्रीष्म अवकाश</b>	
		पाठ-11 सवैये, उपभोक्ता आ वाद की संस्कृति, इस जल प्रलय में औपचारिक पत्र	वाद -विवाद प्रतियोगिता
जुलाई (कार्य दिवस 25)		पाठ-4 साँवले सपनों की याद	स्वतंत्रता सेनानियों के नामों को राष्ट्रीय पर्व पर भित्ति पत्रिका
		पाठ-12 कैदी और कोकिला	
		पाठ-2 मेरे संगी की औरते (कृतिका), समास	
PA- I Examination			
अगस्त (कार्य दिवस 21)	क्षितिज- पाठ-13,5 कृतिका -पाठ- 3 व्याकरण -वाक्य भेद	पाठ-13 ग्राम श्री (क्षितिज)	कविता - पाठ प्रतियोगिता, स्वतंत्रता सेनानियों का पात्र अभिनय
		पाठ-3 रीढ़ की हड्डी (कृतिका)	
		पाठ-5 नाना साहब की पुत्री देवी मैना को भस्म कर दिया गया (क्षितिज)	
		वाक्य भेद	

सितंबर (कार्य दिवस 26)	क्षितिज- पाठ-6	पाठ-6 प्रेमचंद के फटे जूते (क्षितिज)	NCERT द्वारा कवि केदारनाथ अग्रवाल पर बनी फिल्म दिखाना
	कृतिका -पाठ- 14	पाठ-14 चंद्र गहना से लौटती बेर	
	व्याकरण -अंलकार	पाठ-3 अंलकार रचनात्मक लेखन (व्याकरण)	
<b>Half Yearly Examination</b>			
अक्टूबर (कार्य दिवस 23)	क्षितिज- पाठ-15	पाठ-7 मेरे बचपन के दिन,	पोस्टर मेघ /शोषणकर्ता
	कृतिका -पाठ- 7,16	पाठ-15 मेघ आए (क्षितिज)	
	व्याकरण -रचनात्मक लेखन	पाठ- 16 यमराज की दिशा रचनात्मक लेखन	
नवंबर (कार्य दिवस 25)	क्षितिज- पाठ-17	पाठ-8 एक कुत्ता और एक मैना	बालश्रम की रोकथाम पर नाटक
	कृतिका -पाठ- 8	पाठ-17 बच्चे काम पर जा रहे हैं	
	व्याकरण -रचनात्मक लेखन	किस तरह आखिरकार मैं हिंदी में आया	
दिसंबर (कार्य दिवस 21)			पुनरावृत्ति अभ्यास
<b>PA-III Examination</b>			
जनवरी (कार्य दिवस 11)			पुनरावृत्ति अभ्यास
फरवरी (कार्य दिवस 23)	<b>Annual Examination</b>		

## MATHS (Code-041/241)

Name of the Book		Publisher	
NCERT			
Months	PA	Chapter	Practical & Activity
April ( Study Days20)		Ch-1: Number System	1. Represent an Irrational Number on the number line. 2. Construct a square root spiral.
		Ch-2: Polynomials	
<b>Summer Vacation</b>			
May & June ( Study Days16)		Ch-3: Coordinate Geometry	3. Verify that the sum of other angles of a triangle is $180^\circ$ . 4. Verify that the exterior angle is equal to sum of interior opposite angle.
		Ch-4: Linear Equation in Two Variables	
July ( Study Days25)		Ch 5 Introduction to Euclid's geometry 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 $360^\circ$ . ii). The sum of two adjacent angles $180^\circ$ .
August ( Study Days21)		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.
September ( Study Days26)		Ch 9 Areas of Parallelograms and Triangles Ch 10 Circles	8. Making a parallelogram by paper folding. 9. Explore the various criteria for congruency of triangles.
<b>Half Yearly Examination</b>			
October ( Study Days23)		Ch 11 Constructions Ch 12 Heron's Formula	10. Find the area of geometric figures by using a geoboard. 11. Derive a formula for finding the Area of a Triangle.
November ( Study Days22)		Ch-13: Surface Area and Volumes Ch-14: Statistics	12. Obtain the Mirror Image of a given Geometric figure. 13. Derive a formula for finding the Area of a circle.
December ( Study Days27)		Ch 15 Probability	14. Find Probability of unit's digit of telephone numbers. 15. Find Probability of each outcome or a Die.
<b>PA-III Examination</b>			
January ( Study Days11)	<b>Revision</b>		
February ( Study Days23)	<b>Annual Examination</b>		

# SCIENCE (Code-086)

Name of the Book	Publisher		
NCERT			
Months	PA	Chapter	Experiments
April ( Study Days22)		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	Preparation of stained temporary mounts of (a) onion peel (b) human cheek cells
May & June ( Study Days10)		<b>Summer Vacation</b>	
		Motion	Exp 2 Verification of the laws of reflection of sound
		Matter & its surroundings	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
July ( Study Days26)		Force and Laws of Motion	Exp 4 Establishing the relation between the loss in weight of a solid when fully immersed in (i) Tap water (ii) Strongly salty water
		Atoms and Molecules	
		Tissues	Identification of Parenchyma, Collenchyma, Sclerenchyma tissues in plants, Striped, smooth & cardiac muscle
August ( Study Days21)		Force and Laws of Motion	
		Atoms and Molecules	
		Improvement in Food Resources	
September ( Study Days26)		Gravitation	
		Atoms and Molecules	
		Diversity in living organisms	
<b>Half Yearly Examination</b>			
October ( Study Days23)		Gravitation	Study of the characteristics of Spirogyra/Agaricus, Moss/fern. Observing the given pictures/chart, model of earth worm, cockroach, bony fish & bird
		Atoms and Molecules	
		Diversity in living organisms	
November ( Study Days22)		Work and Energy	1. Perform different reactions & classify them as physical or chemical changes b) Burning of magnesium ribbon in air c) Zinc with dilute H <sub>2</sub> SO <sub>4</sub>
		Structure of the Atom	
		Why do we fall ill	
December ( Study Days21)		Sound	
		Structure of the Atoms	
		Natural Resources	
<b>PA-III Examination</b>			
January ( Study Days11)	Revision		
February (Working Day 23)	Annual Examination		

# SOCIAL SCIENCE (Code-087)

Name of the Book	Publisher		
NCERT			
Months	Section	Chapter	Activity /Practicals
April ( Study Days22)	History Geography Economics	Ch 1. The French Revalution	1. With the help of following draw the hierostical 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.
		Ch 1. Indian Size & Location	
		Ch1. The story of village palampur	
		Ch 2. What is Democracy ?	
		Why Democracy	
<b>Summer Vacation</b>			
May & June ( Study Days16)	Civics History Geography	MAP- Ch1 History - Mark Bordeaur, Nantes, Paris, Marseilles.	6. Indian Size & location 7. Portfolios
		MAP- Ch1 Geograppy-States & Capitals Tropic of Comas, Standard Meridian	
		Ch 2. Socialism in Europe	
		Ch 2. Physical Features of India	
July ( Study Days25)	Geography	Ch 2. Constitutional design Ch 3- Drainage	8. Subject Enrichment Activity 9. Preamble 10. Map
		<b>PA-I Examination</b>	
August ( Study Days21)	Economics History Geography	Ch 2. People as Resource	11. Wild Life Sanctuaries & Sparks 13. MAP Central & Allied Powers. 14. Reading Stories and sakal and vilas and analyzing their situations
		Ch 4. Forest Society & Colonialism	
		Ch 4 Climate	
		Ch 1 The French Revolution (Revision)	
September ( Study Days26)	Civics Economics Civics	Ch 3 Electoral Politics	15. Map Mountain Range, Plateau, Coastal Plains. 16. Himalyan River System, lakes
		Ch 3 Poverty	
		Ch 4 Working of Institutions	
	<b>Half Yearly Examination</b>		
October ( Study Days23)	History Geography	Ch 3 Nazism and the Rise of Hitler	17. Areas Receiving Rain fall less then 20cm.
		MAP - Nazism & rise of Hitler	
		Ch 5 Pastoralists in the modern world	
November ( Study Days22)	History Geography Civics	CH 5 Natural Vegetation & Wild Life	18. Class discussion on the ideas of Preamble and its deeper implication. 19. Portfolio
		Ch 6 Population	
		Ch 5 Democratic Rights	
December ( Study Days21)	Economics Geography	Ch 4 Food Security in India	20. Data Collection and research find out atleast one person each for disgused
		MAP- Natural Vegetation & Wildlife	
January ( Study Days11)	Revision		
February (Working Day 23)	Annual Examination		

# IT (Code-402)

Name of the Book	Publisher		
Information Technology			
Months	Section	P.A	Chapter
April ( Study Days22)	Part A	Unit 1 Communication Skills - I Unit 2 Self-Management Skills - I	Unit 1 : Make a chart on the Chapter -'7Cs of effective communication' Unit 2 : Group discussion on - "Aim in life"

<b>Summer Vacation</b>			
May & June ( Study Days16)	Part B	Unit 1: Introduction to IT-ITeS industry	Unit 1: Create a poster in 'Writer' on the Chapter- "Application of IT"
July ( Study Days25)	Part A	Unit 3 Basic ICT Skills- I Unit 4 Enterpreneurial 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 employment
		PA-I Examination	
August ( Study Days21)	Part B	Unit 2: Data Entry & Keyboarding Skills	Unit 2 : Make a model of Keyboard showing all keys
September ( Study Days26)	Part B	Unit 3: Digital Documentation	Unit 3 : Create the cover page of your IT book
		Half Yearly Examination	
October ( Study Days23)	Part A	Unit 5 Green Skills - I Unit 4:Electronic Spreadsheet	Unit 5 : Create a powerpoint presentation on - "Importance of Green Skills"
November ( Study Days22)	Part B	Unit 4:Electronic Spreadsheet (cont.) Unit 5: Digital Presentation	Unit 4 : Create the list of holidays in the year 2021(in Open Office Calc).
		PA-III Examination	
December ( Study Days21)	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
January ( Study Days11)	Revision		
February (Working Day 23)	Annual Examination		