



RAMAGYA SCHOOL, NOIDA
TERM-WISE CURRICULUM, 2021-22

SUBJECT: ENGLISH

CLASS: IX

Prescribed Books:

1. Beehive - NCERT
2. Moments - NCERT

MONTH	TOPICS	CHAPTER NO. & NAME
TERM- I		
APRIL	Literature Grammar Writing Skills	1. The Fun They Had 2. The Sound of Music Descriptive Paragraph on Person
MAY	Grammar Literature Writing skills	Modals 1. The Lost Child 2 The Road Not Taken (poem)
JUNE	Literature	2. The Adventures of Toto Wind(poem)
JULY	Grammar Literature	Subject -Verb Concord 3. The Little Girl

	Writing skills	Short Story Writing
AUGUST	Grammar Literature	Determiners 4. A Truly Beautiful Mind Rain on The Roof(poem) 5. In the Kingdom of Fools
SEPTEMBER	Grammar Literature	TENSES 4.The Happy Prince 5. My Childhood A legend of Northland(poem) Reported Speech Commands and Request Statements Questions
TERM-II		
OCTOBER	Literature Writing skills	1. Weathering the storm in Ersama No Men are Foreign (poem)
NOVEMBER	Literature	2. Packing 3. The Last Leaf On killing a tree (poem) Descriptive Paragraph (Revision) Subject -Verb Concord (Revision)
DECEMBER	Grammar Literature Writing Skills	Determiners (Revision) A House is Not a Home 6. Reach for the top Tenses (Revision) The Snake Trying (poem)

JANUARY	Literature Writing skills	8. The Bond of love 10.The Beggar Modals (Revision) 9. If I were You Short Story (Revision)
FEBRUARY	Grammar	Reported Speech Commands and Request Statements Questions (Revision)
MARCH	Term II Examination	

RAMAGYA SCHOOL, NOIDA
ANNUAL CURRICULUM, 2021-22
SUBJECT: HINDI
CLASS: IX

Prescribed books

1. पाठ्यपुस्तक : स्पर्श
2. पूरक पुस्तक : संचयन
3. व्याकरण : व्याकरण प्रवेश

TERM -1

MONTH	TOPICS	SUB-TOPICS
APRIL & MAY	स्पर्श -गद्य पद्य व्याकरण	पाठ -1 दुःख का अधिकार पाठ -1 पद रैदास शब्द और पद
JULY	पद्य व्याकरण	पाठ -2 दोहे अनुस्वार, अनुनासिक उपसर्ग- प्रत्यय शब्द -विचार -पर्याय, विलोम, श्रुतिसम भिन्नार्थक

AUGUST	गद्य व्याकरण	पाठ -2 एवरेस्ट मेरी शिखर यात्रा वाक्य-भेद -अर्थ के आधार पर
SEPTEMBER (22 days)		Half yearly exam revision

TERM -2

MONTH	TOPICS	SUB-TOPICS
OCTOBER (20 DAYS)	गद्य पद्य रचना-लेखन संचयन	पाठ-3.तुमकब जाओगे अतिथि पाठ-3 एक फूल की चाह अनौपचारिक पत्र, संदेश लेखन पाठ -1 गिल्लू

NOVEMBER	संचयन गद्य रचना-लेखन	पाठ -2 स्मृति पाठ -6 धर्म की आड़ नारा लेखन
DECEMBER	गद्य संचयन रचना-लेखन	पाठ -6 धर्म की आड़ पाठ-5.हामिद खां अनुच्छेद लेखन

JANUARY	<ul style="list-style-type: none"> • स्पर्श -गद्य • संचयन रचना लेखन	<ul style="list-style-type: none"> • पाठ-6 खुशबू रचते हैं • पाठ-6 दिए जल उठे संवाद लेखन
FEBRUARY	(पुनरावृत्ति कार्य)	(पुनरावृत्ति कार्य)
MARCH		

RAMAGYA SCHOOL, NOIDA
ANNUAL CURRICULUM, 2021-22

SUBJECT: MATHEMATICS

CLASS: IX

Prescribed Books:

1. NCERT
2. R. D. SHARMA (FOR REFERENCE)

MONTH & NO. OF DAYS	NO. OF PERIODS	CHAPTER NO. & NAME	TOPICS
TERM - 1			
APRIL (17)	18	CHAPTER 1 NUMBER SYSTEM	Introduction Irrational numbers, Real numbers and their decimal expansions Representing real numbers on the number line Operations on real numbers Laws of exponents for real numbers
MAY (09)	8	CHAPTER 3 COORDINATE GEOMETRY	Cartesian system Plotting of a point in the plane if its coordinates are given
ART INTEGRATED PROJECT (I to X)			

JUNE (10)	25	<p>CHAPTER 4 LINEAR EQUATIONS IN TWO VARIABLES</p> <p>CHAPTER 2 POLYNOMIALS</p>	<p>Linear equations Solution of a Linear equation Graph of a Linear equation in two variables Equations of lines parallel to x-axis and y-axis</p> <p>Polynomials in one variable Zeroes of a polynomials Remainder and factor theorem without statement and proof Factorization of polynomials Algebraic identities excluding $x^3+y^3+z^3-3xyz$</p>
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		STATISTICS (To be continued in October)	Presentation of data Graphical representation of data excluding the Histograms with varying base lengths and Frequency polygons.
SEPTEMBER (22)	20	TEST AND REVISION FOR TERM-1 TERM-1 EXAMINATIONS	
ART INTEGRATED PROJECT (X)			
OCTOBER (16)		CHAPTER 14 STATISTICS	Collection of data Presentation of data Graphical representation of data excluding the Histograms with varying base lengths and Frequency polygons.
TERM - 2			
NOVEMBER (18)	18	CHAPTER 13 SURFACE AREAS AND VOLUMES	Surface Area of a cuboid and a cube Surface Area of a Right circular cylinder Surface Area of a Right circular cone Surface Area of a Sphere Volume of a Cuboid Volume of a Cylinder Volume of a Right circular cone Volume of a Sphere
ART INTEGRATED			

PROJECT (I to IX)			
DECEMBER (17)	15	CHAPTER 8 QUADRILATERALS	Angle sum property of a Quadrilateral Types of Quadrilaterals Properties of a parallelogram Another condition for a Quadrilateral to be a parallelogram The Mid-point Theorem
JANUARY (17)	18	CHAPTER 10 CIRCLES	Circles and its related terms Angle subtended by a chord at a point Perpendicular from the centre to a chord Equal chords and their distances from the centre Angle subtended by an arc of a circle Cyclic Quadrilaterals, excluding theorem 10.10
FEBRUARY (18)	17	CHAPTER 15 PROBABILITY TEST AND REVISION FOR TERM-2	Introduction Probability- an experimental approach
MARCH (09)		TERM-2 EXAMINATIONS	



RAMAGYA SCHOOL, NOIDA
ANNUAL CURRICULUM, 2021-22
SUBJECT: SCIENCE
CLASS: IX

Prescribed Books: NCERT

SAMPLE PAPERS- TOGETHER WITH SCIENCE

U-LIKE

XAMIDEA

TERM I

MONTH & NO. OF DAYS	NO. OF PERIODS	CHAPTER NO. & NAME	TOPICS
APRIL 17 Days		Bio- Bridge the gap Chapter -Cell, its structure and functions Physics-Chapter – Motion Chemistry- Bridge the gap Chapter- Metals and non- metals	<p>Prokaryotic and Eukaryotic cell, unicellular and multicellular organisms, different shapes and sizes of a cell, plant cell, animal cell, components of plant and animal cell in detail.</p> <p>Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion,</p> <p>Metals, non-metals, metalloids, physical and chemical properties of metals and non-metals.</p>

MAY 9 Days		Chemistry- Matter in our surroundings Physics- Motion Biology- The fundamental unit of life	Latent heat, latent heat of fusion derivation of equations of motion by graphical method; elementary idea of uniform circular motion. Cell as a basic unit of life; prokaryotic and eukaryotic cells
ART INTEGRATED PROJECT (I to X)			
JUNE 0 Days			
JULY 21 Days		Biology- The fundamental unit of life Physics- Force and Newton's laws Chemistry- Matter in our surroundings	Multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions. Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass, Latent heat of vaporization, effect of change of temperature and pressure on matter
AUGUST 20 Days		Chemistry- Is matter around us pure?	Nature of matter: Elements, compounds and mixtures. Heterogeneous and homogeneous Mixtures, mixtures, colloids and suspensions. Momentum, Force and Acceleration. Elementary idea of conservation of Momentum.

		<p>Physics- Force and Newton's laws</p> <p>Biology- The fundamental unit of life</p>	<p>chloroplast, Mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number.</p>
<p>SEPTEMBER 22 Days</p>		<p>Biology- Tissues</p> <p>Physics- Gravitation</p> <p>Chemistry- Is matter around us pure?</p>	<p>Structure and functions of plant tissues Meristematic and Permanent tissues in plants).</p> <p>Revision of Ch.- The fundamental unit of life</p> <p>Universal Law of Gravitation, Force of Gravitation of the earth (gravity),</p> <p>Revision of Ch. - Is matter around us pure?</p>
<p>ART INTEGRATED PROJECT (X)</p>			
<p>OCTOBER 16 Days</p>		<p>Chemistry- Atoms and molecules</p>	<p>Particle nature and their basic units: Atoms and molecules, Law of constant proportions, Atomic and molecular masses.</p>

ART INTEGRATED PROJECT (I to IX)			
DECEMBER 17 Days		<p>Chemistry- Atoms and molecules</p> <p>Physics- Work, energy and power:</p> <p>Biology- Why do we fall ill?</p>	<p>Mole concept: Relationship of mole to mass of the particles and numbers.</p> <p>Work done by a Force, Energy, power;</p> <p>Health and its failure. Infectious and Non-infectious diseases, their causes and manifestation.</p>
JANUARY 17 Days		<p>Chemistry-Structure of atom</p> <p>Physics:- Work, energy and power</p> <p>Biology- Why do we fall ill?</p>	<p>Electrons, protons and neutrons, valency. Thomson's, Rutherford and Bohr's model of an atom</p> <p>Kinetic and Potential energy; Law of conservation of energy.</p> <p>Diseases caused by microbes (Virus, Bacteria and Protozoans) and their prevention; Principles of treatment and prevention. Pulse Polio programme.</p>

FEBRUARY 18 Days		Chemistry-Structure of atom Physics Biology- Our Environment (FOR INTERNAL ASSESSMENT ONLY)	Atomic number, mass number, Isotopes, Isobars. Revision of laws of motion and gravitation. Physical resources: Air, Water, Soil. Air for respiration, for combustion, for moderating temperatures; movements of air and its role in bringing rains across India.
MARCH 9 Days		REVISION	Topic wise revision of all the chapters.

RAMAGYA SCHOOL, NOIDA
ANNUAL SYLLABUS, 2021-22
SUBJECT: SOCIAL SCIENCE
CLASS: IX

Prescribed book- NCERT

4. History
5. Geography
6. Political Science
7. Economics

Month	Topic	Sub-Topic
April	<ul style="list-style-type: none"> • About India • Democracy • Sectors of Economy 	<ul style="list-style-type: none"> • all features and Vegetation • Importance of Democracy • Types of activities
May	TERM I History – Chapter-1 French Revolution	<ul style="list-style-type: none"> • Ancient regime and its crisis • Social forces that led to the revolution • Different revolutionary groups and ideas of time
June	TERM I Geography –Chapter-1 India :Size and Location	<ul style="list-style-type: none"> • Relief • Structure

July	<p>TERM I</p> <p>Civics –Chapter-2 What is Democracy? Why Democracy?</p> <p>TERM I</p> <p>Economics –Chapter-1 The Story of Village Palampur</p>	<ul style="list-style-type: none"> • Features of democracy • Merits and demerits of democracy • Electoral competition • Economic transactions of Palampur • Factors of production Farm and non-farm activities
August	<p>TERM I</p> <p>Geography –Chapter-2 Physical Features of India</p> <p>TERM II</p> <p>History –Chapter-2 Nazism and rise of Hitler</p> <p>TERM I</p> <p>Civics –Chapter-3 Constitutional Design</p> <p>TERM I</p>	<ul style="list-style-type: none"> • Introduction • Plate tectonics • Major physiographic divisions • Growth of social democracy • Crisis in Germany • Basis of Hitler’s rise to power • Ideology and impact of Nazism • Constitution • Need for a constitution • Institutional Design

<p>November</p>	<p>TERM II Geography–Chapter-4 Climate</p> <p>TERM II Civics-Chapter-4 Electoral politics</p>	<ul style="list-style-type: none"> • Factors influencing climate • Monsoon and its characteristics • Rainfall and temperature distribution • Climate and human life <ul style="list-style-type: none"> • Why and how do we elect representatives? • Why do we have a system of competition among political parties? • How has the citizens’ participation in electoral politics changed? • What are the ways to ensure free and fair elections?
<p>December</p>	<p>TERM II Chapter-5- Geography- Natural Vegetation and Wildlife</p> <p>TERM II Economics-Chapter-3 Poverty As A Challenge</p>	<ul style="list-style-type: none"> • Factors responsible for Bio-Diversity • Types of Vegetation • Forests • Ecosystem • Wildlife in India <p>Definition of Poverty</p> <ul style="list-style-type: none"> • Indicators of poverty • Causes of Poverty • Anti-Poverty Measures

January	TERM II Chapter-5- Civics -Working of Institutions	<ul style="list-style-type: none"> • What does Parliament do in our democracy? • What is the role of the President of India, the Prime Minister and the Council of Ministers? • How do these relate to one another • How is the country governed? •
December January February	Revision	



RAMAGYA SCHOOL, NOIDA
ANNUAL CURRICULUM, 2021-22

SUBJECT: AI

CLASS:IX

Prescribed books

KIP'S PUBLICATION

1. TERM -1

MONTH	TOPICS	SUB-TOPICS
MAY & June	INTRODUCTION TO AI	To identify and appreciate Artificial Intelligence and describe its applications in daily life. To gain awareness around AI bias and AI access. To let the students analyse the advantages and disadvantages of Artificial Intelligence.

JULY	AI PROJECT CYCLE	<p>Identify the AI Project Cycle framework.</p> <p>Learn problem scoping and ways to set goals for an AI project.</p> <p>Identify stakeholders involved in the problem scoped. Brainstorm on the ethical issues involved around the problem selected.</p> <p>Understand the iterative nature of problem scoping for in the AI project cycle. Foresee the kind of data required and the kind of analysis to be done.</p>
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MONTH	TOPICS	SUB-TOPICS
OCTOBER (20 DAYS)	NEURAL NETWORK Self-management Skills – I	Relation between the neural network and nervous system in human body Describing the function of neural network Describe the meaning and importance of selfmanagement. Identify the factor that helps in building selfconfidence
NOVEMBER	NEURAL NETWORK Basic ICT Skills- I	Understand and appreciate the concept of Neural Network through gamification. Describe the role of ICT in day-to-day life Identify the various components of computer system various peripheral devices basic Computer operations
DECEMBER	INTRODUCTION TO PYTHON Entrepreneurial Skills – I	Python Basics (Variables, Arithmetic Operators, Expressions, Data Types - integer, float, strings, using print() and input() functions) • Students will try some simple problem solving exercises on Python Compiler. various types of business activities knowledge of distinguishing characteristics of entrepreneurship

JANUARY	INTRODUCTION TO PYTHON Green Skills – I	Selective statements- if –else, if –elif, Python Lists • Students go through lessons on Python Lists (Simple operations using list) knowledge of the factors influencing natural resource conservation. importance of green economy and green skills.
FEBRUARY		REVISION FOR FINAL EXAM
MARCH		

RAMAGYA SCHOOL, NOIDA

ANNUAL CURRICULUM, 2021-22

SUBJECT: SANSKRIT

CLASS: IX

Prescribed books :

1. शेमुषी
2. अभ्यासवान्
3. व्याकरणवीथि:

TERM -1

MONTH	TOPICS	SUB-TOPICS
APRIL & MAY	शेमुषी व्याकरण	प्रथमः पाठः : भारतीयसन्तगीतिः संधि -स्वर संधि - दीर्घः गुण , अयादि व्यञ्जन संधि एवं विसर्ग संधि • शब्दरूप - बालक, साधु . लता, नदी, अस्मद्, युष्मद्

JULY	शेमुषी व्याकरण	द्वितीयःपाठ स्वर्ण काकः कारक-उपपद विभक्ति - द्वितीया से सप्तमी प्रत्ययाः-क्त्वा,तुमुन्,ल्यप्,क्तवतु सङ्ख्या - 1 -100
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AUGUST	शेमुषी व्याकरण	<ul style="list-style-type: none"> पञ्चमः पाठः सूक्तिमौक्तिकम् धातुरूप- -पठ,गम्,वद्,भू,क्रीड,नी,दृश्,अस्,कृ,पा आत्मनेपदी धातु -सेव्,लभ् उपसर्गाः आ,वि,प्रति,उप,अनु ,निर्,प्र, ,अधि,अप, नि,अव
SEPTEMBER(22 days)		Half yearly exam revision

TERM -2

MONTH	TOPICS	SUB-TOPICS
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OCTOBER (20 DAYS)	<ul style="list-style-type: none"> • शेमुषी • रचना -लेखन 	<ul style="list-style-type: none"> • षष्ठः पाठः भ्रान्तो बालः औपचारिक अथवा अनौपचारिक पत्र लेखनम्
NOVEMBER	<ul style="list-style-type: none"> • शेमुषी • रचना -लेखन 	<ul style="list-style-type: none"> नवमः पाठःसिकतासेतुः चित्राधारितं वर्णनं अथवा अनुच्छेद
DECEMBER	<ul style="list-style-type: none"> • शेमुषी • रचना -लेखन अपठित बोध 	<ul style="list-style-type: none"> • दशमः पाठः जटायोः शौर्यम् • संस्कृतभाषायां अनुवादः • अपठित -अवबोधनं

JANUARY	शेमुषी पठित -अवबोधनं	<ul style="list-style-type: none">• एकादश:पाठ: पर्यावरणम्• पद्यांशम, नाटकांशम, गद्यांशम
FEBRUARY		REVISION FOR FINAL EXAM
MARCH		



RAMAGYA SCHOOL, NOIDA
ANNUAL CURRICULUM, 2021-22
SUBJECT: French
CLASS: IX

Prescribed Books:

8. Entre Jeunes

MONTH & NO. OF DAYS	TOPICS	CHAPTER NO. & NAME
TERM I		
APRIL & MAY	<ul style="list-style-type: none"> • Verbes en ER (1^{er} groupe) • Les nombres • L'alphabet 	Leçon:1 La famille
JULY	<ul style="list-style-type: none"> • Être, s'appeler • Qui est-ce ?/ Qu'est-ce que c'est? • Les adjectifs démonstratifs L'accord des adjectifs • Les verbes en IR (2^e groupe) • Les prépositions 	Leçon:2 Au lycée
AUGUST	<ul style="list-style-type: none"> • Les verbes avoir/ aller / faire /venir • Les verbes pronominaux • Les verbes en RE (3^e groupe) • Le futur simple 	Leçon:3 Une journée de Pauline Leçon:4

	<ul style="list-style-type: none"> • Le futur proche • L'impératif • Les couleurs • Il fait beau/ du vent / chaud/ froid... 	Les saisons
SEPTEMBER	Revision	
TERM II		
OCTOBER	<ul style="list-style-type: none"> • Le passé composé • Etre en train de • Expressions avec avoir / être • Pourquoi/ Parce que • Les prépositions • Comment + inversion • La formule d'ouverture et de clôture d'une carte postale 	Leçon:5 Les voyages
NOVEMBER	<ul style="list-style-type: none"> • Il faut+ infinitif • Devoir + infinitif • Les verbes pronominaux (passé composé) • L'interrogation • Ne...que/seulement 	Leçon:6 Les loisirs et les sports
DECEMBER	<ul style="list-style-type: none"> • Les négations • Les pronoms personnels (sujets/ compléments d'objet directs/indirects) 	Leçon:7 L'argent de poche
JANUARY	<ul style="list-style-type: none"> • Le pronom partitif «en» 	Leçon:8 Faire des achats

FEBRUARY	<ul style="list-style-type: none">• Les expressions de quantité	Leçon:8 Faire des achats
MARCH	Revision & Annual Exams	



Ramagya School, Noida
Annual Syllabus 2021-2022

Art and craft
Class-IX

Term 1

Month & no. of days	No. of Periods	Topics	Sub Topics	
April -17		Elements of art Still life	Line ,shape, form, texture, space, vallue, colour Glass,pot, bottle etc	
May -9		Principal of art Perspective	Fundamental of art Building drawing	

July -21		Introduction of colour Landscape *Tools and materials use in painting	Primary, secondary and tertiary colour Natural view *Tools and medium	
August - 20		Poster design Pumplate design	Poster on independence day Indian food	
Septemb er -22		Canvas painting	Self created	
October 16 Term 2		*Indian art Spray painting Motif design	Indian artefact T-shirts Floral motif	

November -18		human figure study Folk art	Portrait painting Madhubani painting	
December -17		Book cover design Artist biography	My school Amrita Shergill	
January-17		Mandala art Perspective drawing	Creative painting Cityscape drawing	
February -18		Tribal art	Gond painting	



RAMAGYA SCHOOL, NOIDA
ANNUAL CURRICULUM, 2021-22

SUBJECT: Music

CLASS: 9th

Prescribed books :

1. Sangeet Manjusha
2. Swarlipi sangrah

Term -1

Month	Topics	Sub-Topics
April & May	Definition of the following: Sangeet, Dhvani, Nada, Shruti, Swar, Saptak, Alankar, Sam, Tali, Khali	<ol style="list-style-type: none">1. Definition of sangeet different and types sounds & musical sound Naad. Difference between maduhr (naad)dhvani & amadhur dhawani.2. Shruti swar vibhajan3. Deferent scale in saptak. (Mandra, madhya & taar saptak)4. Definition of Alankar and sign of sam, tali, khali.
June & July	Definition of Raga, Aroha, Avroha, Pakad, Vadi, Samvadi,	<ol style="list-style-type: none">1. Raag Parichay2. Aaroh, awroh & pakad3. Drut khayal with alaap and taan.

	Description of the following Ragas: Yaman.	
August	<ol style="list-style-type: none"> 1. Detail study of Raga Ahilya Bilawal. 2. Notation System of Pt. V. N. Bhatkhande. 	<ol style="list-style-type: none"> 1. Raga Parichay & Aaroh, awroh & pakad 2. Drut khayal with alaap and taan
September	<ol style="list-style-type: none"> 1. Detail study of Dadra tala & Teentaal 	<ol style="list-style-type: none"> 1. Tala Parichay with notation of thah dugun and chaugun.

Term-2

Month	Topic	Sub-Topics
October	Definition of the following: Thaata, Jati, Laya, Tala, Matra, Vibhag, Avartan	<ol style="list-style-type: none"> 1. Definitions & the number of swaras used by the Jaati in the raga. different types of that, laya tala, Matra vibhag & awartan.

November	<ol style="list-style-type: none"> 1. Definition of Anuvadi, Vivadi, Swarmalika, Lakshan Geet, Khayal 2. Detail study of Raga Kafi 	<ol style="list-style-type: none"> 1. Different Gayan shaillyan 2. Parichay and practice of raag Raga Kafi drut khayal with alaap & taan
December	<ol style="list-style-type: none"> 1. Notation System of Pt. V.D. Paluskar. 2. Raga Kafi 	<ol style="list-style-type: none"> 1. Dakshin bhartiya Notation system by Pt. V. D. Puluskar. 2. Practice of Raga Kafi, drut khayal.
January	<p>Detail study of tala-</p> <ol style="list-style-type: none"> 1. Kehrwa 2. Ektaal 	<ol style="list-style-type: none"> 1. Tala Parichay 2. Notation of thah, dugun and chaugun.
February		Revision for final exam

