

ENGLISH SYLLABUS (2023-2024): CLASS- IX

❖ PERIODIC TEST -1 (UT)		
	Blue Print UT-1	Marks
➤ Reading (Unseen Passage)	✓ Reading	10
➤ Writing and Grammar (Sentence Recording, Gap Fillings, Tenses, Diary Entry)	✓ Writing and Grammar	12
➤ Language and Literature	✓ Language and Literature	18
Beehive Book		
✓ Ch-1. The Fun they had		
✓ Poem. The Road not Taken	Total	40
✓ Poem. Wind		
Footprints without Feet		
✓ A Triumph of Surgery		
❖ SEA -1		
	Blue Print SEA-1	Marks
ASL (Assessment of Speaking and Listening)		
	✓ Listening	5
	✓ Speaking	5
	Total	10
❖ First Term Exam		
	Blue Print First Term	Marks
➤ Reading ✓ Unseen Passage (Descriptive, Factual)	✓ Reading	20
➤ Writing and Grammar ✓ Diary Entry, A letter of Complaint, Letter to Editor ✓ Tenses, Subject word concord, Modals, Determiners, Gap fillings, Editing, Rearrangement of sentences		
➤ Language and Literature	✓ Writing and Grammar	20
Beehive Book		
✓ Ch-1. The Fun They had	✓ Language and Literature	40
✓ Ch-2. The Sound of Music (Part 1 & II)		
✓ Ch-3. A Little Girl		
✓ Ch-4. A Truly Beautiful Mind		
✓ Ch-6. My Childhood		
✓ Poem- The Road Not Taken		
✓ Wind		
✓ Rain on the Roof		
✓ The Lake Isle of Innisfree		
Footprints Without Feet		
✓ Ch-1. A Triumph of Surgery	Total	80
✓ Ch-2. The Thief's Story		
✓ Ch-3. The Midnight Visitor		
✓ Ch-4. A Question of Trust		
✓ Ch-5. Footprints without Feet		

❖ PERIODIC TEST-II (UT-II)			
	Blue Print	UT-2	Marks
✓ Reading (Unseen Passage, Descriptive)	✓ Reading		10
✓ Grammar and Writing			
Narration, Gap Fillings, Letter to Place Order	✓ Writing and Grammar		12
Language and Literature	✓ Language and Literature		18
Book: Beehive			
✓ Ch.7. Reach for the Top (Part 1 and 2)		Total	40
✓ Poem. A Legend of Northland			
Book: Footprints without Feet			
✓ Ch.6. The Making of Scientist			
❖ SEA -2			
ASL (Assessment of Speaking and Listening)	Blue Print	SEA-2	Marks
	✓ Listening		5
	✓ Speaking		5
	Total		10
❖ FINAL TERM EXAM			
	Blue Print	Final Term	Marks
➤ Reading	✓ Reading		20
✓ Unseen Passage (Descriptive, Factual)			
➤ Writing and Grammar			
✓ Letter for Placing Order, Enquiry Letters			
✓ Narration (Commands, requests), Statement Questions			
➤ Language and Literature	✓ Writing and Grammar		20
Beehive Book			
✓ Ch-7. Reach for the Top (Part I and II)	✓ Language and Literature		40
✓ Ch-8. Kathmandu			
✓ Ch-9. If I Were You			
✓ Poem- A Legend of the Northland			
✓ On Killing a Tree			
✓ A Slumber Did My Spirit Seal			
Footprints Without Feet		Total	80
✓ Ch-6. The Making of a Scientist			
✓ Ch-7. The Necklace			
✓ Ch-8. The Hack Driver			
✓ Ch-9. Bholi			
✓ Ch-10. The Book That Saved the Earth			
Including 1st Term Syllabus			

Marks Distribution

Section	Competencies	Total Marks
Reading Comprehension	Conceptual understanding, decoding, Analyzing, inferring, interpreting and vocabulary.	20
Writing Skills and Grammar	Creative expression of an opinion, Reasoning, justifying, illustrating, appropriacy of style and tone, using appropriate format and fluency. Applying conventions, using integrated structure with accuracy and fluency.	20
Language through Literature	Recalling, reasoning, appreciating, applying literary convention, illustrating and justifying etc. Extract relevant information, identifying the central theme and sub theme, understanding the writer's message and writing fluently.	40
	Total	80

Month wise Syllabus

Month	Chapters Name
April	Ch- The fun they had
	Ch- The Sound of music
	Part - 1 and part - 2
	Poem - The Road Not Taken
	Ch- A Triumph of Surgery
	Diary Entry
	Descriptive Paragraph (place)
	Tenses + Subject Verb concord
	Unseen Passage (Descriptive)
May	Ch - The little Girl
	Ch - A Truly Beautiful Mind
	Poem - Wind
	Ch - The Thief's Story
	Descriptive Paragraph
	Diary Entry
	Tenses, Model, Determiners
	Unseen passage (factual)
June	Summer Break
July	Ch - My Childhood
	Poem - Rain On the Roof
	Poem - The Lake Isle of Innis Free
	Ch- The Midnight Visitor
	Complaint Letter
	Letter to Editor
	Gap filling and Editing
August	Ch- A Question of Trust
	Ch - Footprint Without Feet

	Complaint Letter
	Letter to Editor
	Modals, Determiners, Unseen Passage (Descriptive, factual)
September	Revision (Term - 1)
	Beehive Book
	Ch-1, Ch-2, Ch-3, Ch-4
	Poem: 1,2,3,4
	Footprint without Feet (Book)
	Ch-1, Ch-2, Ch-3, Ch-4, Ch-5
	Grammar
	(Tenses, Editing, Rearrange the sentences)
	Writing Skills (Diary Entry)
	Descriptive Paragraph
October	Ch- Reach for the Top
	Part 1 and part 2
	Poem - A Legend of the Northland
	Ch - Making Of Scientist
	Letter For Placing Order
	Narration
	Statement Questions
	Unseen passage (Descriptive)
November	Ch - Kathmandu
	Poem - On Killing a Tree
	Ch - The Necklace
	Ch - The Hack drive
	Enquiry Letter
	Narration (Commands and requests)
	Unseen passage (factual)
December	Ch- If I were you
	Poem – A Slumber Did My Spirit Seal
	Ch- Bholi
	Ch - The Book that Saved the Earth
	Practice of Enquiry letter and order letter
January	Practice Through Assignments Given in English Plus Vol- 1
	Projects will be given
February	Assessment Of Listening Skill
	Assessment Of Speaking Skill
	Project Work
March	Final Term Examination

MATHS SYLLABUS (2023-2024): CLASS- IX

❖ PERIODIC TEST -1 (UT)			
➤ Chapters	Blue Print	UT-1	Marks
✓ Ch-1 Number System	Ch-1		10
✓ Ch-2 Co-ordinate Geometry	Ch-2		06
✓ Ch-4 Linear Equation in two variables	Ch-4		06
✓ Ch-10 Heron's Formula	Ch-10		10
✓ Ch-12 Statistics	Ch-12		08
	Total		40
❖ SEA -1			
MCQs	Blue Print	SEA-1	Marks
Assertion Reason	MCQs		10
Case Study	Assertion Reason		01
VIVA Voce	Case Study		04
	VIVA Voce		05
	Total		20
❖ First Term Exam			
	Blue Print	First Term	Marks
✓ Ch-1 Number System	Ch-1		12
✓ Ch-2 Polynomials	Ch-2		30
✓ Ch-3 Co-ordinate Geometry	Ch-3		
✓ Ch-4 Linear Equation in two variables	Ch-4		
✓ Ch-6 Lines and Angles	Ch-6		15
✓ Ch-7 Triangles	Ch-7		
✓ Ch-10 Heron's formula	Ch-10		13
	Ch-12		10
	Total		80
❖ PERIODIC TEST -II (UT)			
➤ Chapters	Blue Print	UT-II	Marks
✓ Ch-8 Quadrilaterals	Ch-8		18
✓ Ch-9 Circles	Ch-9		18
✓ Ch-5 Introduction to Euclid Geometry	Ch-5		04
	Total		40
❖ SEA -II			
MCQs	Blue Print	SEA-II	Marks
Assertion Reason	MCQs		10
Case Study	Assertion Reason		01
VIVA Voce	Case Study		04
	VIVA Voce		05
	Total		20

❖ Final Term Exam			
➤ Unit-1	Blue Print	Final Term	Marks
✓ Ch-1 Number System	Ch-1		10
➤ Unit-2	Ch-2		20
✓ Ch-2 Polynomials	Ch-4		
✓ Ch-4 Linear Equation in two variables	Ch-3		04
➤ Unit-3	Ch-5		27
✓ Ch-3 Co-ordinate Geometry	Ch-6		
➤ Unit-4	Ch-7		
✓ Ch-5 Introduction to Euclid's Geometry	Ch-8		
✓ Ch-6 Lines and Angles	Ch-9		
✓ Ch-7 Triangles	Ch-10		13
✓ Ch-8 Quadrilaterals	Ch-11		
✓ Ch-9 Circles	Ch-12		06
➤ Unit-5			
✓ Ch-10 Heron's formula			
✓ Ch-11 Surface Area and Volume			
➤ Unit-6			
✓ Ch-12 Statistics			
	Total		80

Marks Distribution

Unit	Chapter	Marks
Unit 1	Number systems . ✓ Ch-1 Number System	10
Unit 2	Algebra ✓ Ch.2 Polynomials. ✓ Ch.4. Linear Equation in two variables	20
Unit 3	Co ordinate Geometry ✓ Ch.3 Coordinate Geometry.	04
Unit 4	Geometry ✓ Ch-5 Introduction to Euclid's Geometry ✓ Ch-6 Lines and Angles ✓ Ch-7 Triangles ✓ Ch-8 Quadrilaterals ✓ Ch-9 Circles	27
Unit 5	Mensuration ✓ Ch-10 Heron's formula ✓ Ch-11 Surface Area and Volume	13
Unit 6	Statistics ✓ Ch.12.Statistics	06
	Total	80

Month wise Syllabus

Month	Chapter's Name
April	Ch-3. Coordinate Geometry
	Ch-14. Statistics
	Ch-15. Probability
May	Ch-4. Linear Equation in 2 Variables
	Ch-6. Lines and Angles
	Ch-12. Heron's Formula
June	_____ Vacations _____
July	Ch-1: Number System
	Ch-2. Polynomials
	Ch-7. Triangles
August	Revision of 1st Term
September	First Term Examination
October	Ch-8. Quadrilaterals
	Ch-10. Circles
	Ch-13. Surface Area and Volume
November	Ch-2. Polynomials
	Ch-14. Statistics
	Ch-15. Probability
December, January, February	_____ Revision _____
March	Final Board Examination

HINDI SYLLABUS (2023-2024): CLASS 9

❖ PERIODIC TEST -1 (UT)			
	Blue Print	UT-1	Marks
• अपठित गद्यांश			
• व्याकरण	• अपठित गद्यांश		05
अनुस्वार- अनुनासिक	• व्यावहारिक व्याकरण		
शब्द और पद, उपसर्ग- प्रत्यय	शब्द और पद, अनुस्वार- अनुनासिक, उपसर्ग- प्रत्यय		02 02 04
	• पाठ्यपुस्तक स्पर्श भाग- 1		
• पाठ्यपुस्तक स्पर्श भाग- 1	पठित पद्यांश पर बहुविकल्पी प्रश्न (1x5)		05
पाठ- दुख का अधिकार	पाठों पर आधारित दो बहुविकल्पी प्रश्न (1x2)		02
पाठ- तुम कब जाओगे अतिथि	• गद्य खंड		
कविता- स्पर्श भाग- 1 रैदास के पद	पाठों पर आधारित प्रश्न (दो में से एक)		03
	कविता पर आधारित प्रश्न (दो में से एक)		03
• पाठ्यपुस्तक संचयन भाग- 1	• संचयन भाग- 1		
पाठ - गिल्लू	पाठों पर आधारित प्रश्न (दो में से एक)		03
• रचनात्मक लेखन	• पत्र लेखन (विकल्प रहित)		06
पत्र लेखन	• संवाद लेखन (दो में से एक)		05
संवाद लेखन	कुलांक		40
❖ SEA -1 (Oral Exam)			
	Blue Print	SEA-1	Marks
बहुविकल्पी प्रश्न (MCQs)			
लिखित परीक्षा	लिखित परीक्षा		10
मौखिक परीक्षा	मौखिक परीक्षा		10
• पठित विषयों पर वार्तालाप			
• चित्र का मौखिक वर्णन	कुलांक		20
• कहानी कथन (लघुकथा)			
• देखी हुई घटना या दृश्य का वर्णन			
❖ FIRST TERM EXAM			
	Blue Print	First Term	Marks
• अपठित गद्यांश			
• व्याकरण	दो अपठित गद्यांश	(2x5)	10
अनुस्वार- अनुनासिक	व्यावहारिक व्याकरण -		
शब्द और पद, उपसर्ग- प्रत्यय	शब्द और पद		2
स्वर संधि	अनुस्वार- अनुनासिक		2
विराम चिन्ह	उपसर्ग- प्रत्यय		4
अर्थ की दृष्टि से वाक्य भेद	स्वर संधि		3
	विराम चिन्ह		2
	अर्थ की दृष्टि से वाक्य भेद		2

• पाठ्यपुस्तक स्पर्श भाग- 1	पाठ्य पुस्तक स्पर्श भाग-1	
पाठ- दुख का अधिकार	पठित पद्यांश पर बहुविकल्पी प्रश्न (1x5)	5
पाठ- एवरेस्ट मेरी शिखर यात्रा	कविताओं के आधार पर बहुविकल्पी प्रश्न (1x2)	2
पाठ- तुम कब जाओगे अतिथि	गद्य खंड	
पाठ- शुक्र तारे के समान	पठित गद्यांश (पांच बहुविकल्पी प्रश्न)	5
• कविता	पाठों पर आधारित प्रश्न (दो में से एक)	2
रैदास रहीम अग्निपथ	पाठों पर आधारित प्रश्न (तीन में से दो)	6
	कविता पर आधारित प्रश्न (तीन में से दो)	6
• पाठ्यपुस्तक संचयन भाग- 1	संचयन भाग -1	
पाठ - गिल्लू	पाठों पर आधारित प्रश्न (तीन में से दो)	6
पाठ - स्मृति	अनुच्छेद लेखन	6
• रचनात्मक लेखन	अनौपचारिक पत्र	6
अनुच्छेद लेखन	चित्र वर्णन	5
अनौपचारिक पत्र	संवाद लेखन	5
चित्र वर्णन		
संवाद लेखन	कुलांक	80
❖ PERIODIC TEST -2 (UT)		
• पठित गद्यांश	Blue Print	UT-2
➤ स्पर्श (भाग -1)	पठित गद्यांश	Marks
• गद्य खंड	समास	05
शुक्रतारे के समान तुम कब जाओगे अतिथि	उपसर्ग - प्रत्यय	04
• (काव्य खंड)	शब्द और पद	02
नए इलाके में	अनुस्वार- अनुनासिक	01
खुशबू रचते हैं हाथ	विराम चिह्न	02
अग्निपथ	अर्थ की दृष्टि से वाक्य भेद	02
• संचयन भाग- 1	पाठों पर आधारित प्रश्न (दो में से एक)	03
स्मृति	कविता पर आधारित प्रश्न (दो में से एक)	03
मेरा छोटा सा निजी पुस्तकालय	• संचयन भाग- 1	
• व्याकरण कार्य	पाठों पर आधारित प्रश्न (दो में से एक)	03
समास	• पत्र लेखन (विकल्प रहित)	05
उपसर्ग - प्रत्यय	• अनुच्छेद लेखन	05
शब्द और पद	• चित्र वर्णन	03
अनुस्वार- अनुनासिक	कुलांक	40
विराम चिह्न		
अर्थ की दृष्टि से वाक्य भेद		
• रचनात्मक लेखन		
➤ अनौपचारिक पत्र		
➤ अनुच्छेद		
➤ चित्र विवरण		

❖ SEA -2 (Oral Exam)		
बहुविकल्पी प्रश्न (MCQs)	Blue Print SEA-1	Marks
लिखित परीक्षा	लिखित परीक्षा	10
मौखिक परीक्षा	मौखिक परीक्षा	10
	कुलांक	20
❖ FINAL TERM EXAM		
• अपठित गद्यांश	Blue Print Final Term	Marks
• व्याकरण	दो अपठित गद्यांश (2x5)	10
पदबंध	व्यावहारिक व्याकरण -	
वाक्य रूपांतरण	पदबंध	4
समास	वाक्य रूपांतरण	4
मुहावरे	समास	4
	मुहावरे	4
• पाठ्यपुस्तक स्पर्श भाग- 1	पाठ्य पुस्तक स्पर्श भाग-1	
पाठ- दुख का अधिकार	पठित पद्यांश पर बहुविकल्पी प्रश्न (1x5)	5
पाठ- एवरेस्ट मेरी शिखर यात्रा	कविताओं के आधार पर बहुविकल्पी प्रश्न (1x2)	2
पाठ- तुम कब जाओगे अतिथि	गद्य खंड	
पाठ- शुक तारे के समान	पठित गद्यांश (पांच बहुविकल्पी प्रश्न)	5
• कविता	पाठों पर आधारित प्रश्न (दो में से एक)	2
रैदास के पद	पाठों पर आधारित प्रश्न (तीन में से दो)	6
रहीम के दोहे	कविता पर आधारित प्रश्न (तीन में से दो)	6
गीत अगीत	संचयन भाग -1	
अग्निपथ	पाठों पर आधारित प्रश्न (तीन में से दो)	6
नए इलाके में	अनुच्छेद लेखन	5
खुशबू रचते हैं हाथ	अनौपचारिक पत्र	5
	चित्र वर्णन	5
• पाठ्यपुस्तक संचयन भाग- 1	सूचना लेखन	4
पाठ - गिल्लू	विज्ञापन लेखन	3
पाठ - स्मृति	कुलांक	80
पाठ- मेरा छोटा सा निजी पुस्तकालय		
• रचनात्मक लेखन		
अनुच्छेद लेखन		
अनौपचारिक पत्र		
चित्र वर्णन		
सूचना लेखन		
विज्ञापन लेखन		

Month wise syllabus

Month	Chapter's Name
April	गद्य खंड (स्पर्श भाग -1) पाठ-दुख का अधिकार
	पद्य खंड रैदास के पद रहीम के दोहे
	व्याकरण कार्य अनुस्वार अनुनासिक अपठित गद्यांश
May	गद्य खंड (स्पर्श भाग -1) पाठ-तुम कब जाओगे अतिथि पाठ गिल्लू (संचयन भाग 1)
	पद्य खंड कविता अग्निपथ
	व्याकरण कार्य संवाद लेखन उपसर्ग प्रत्यय पत्र लेखन
June	_____ Vacations _____
July	गद्य खंड (संचयन भाग 1) पाठ स्मृति
	पद्य खंड कविता - गीत अगीत
	व्याकरण कार्य शब्द और पद •स्वर संधि •विराम चिन्ह
August	गद्य खंड (स्पर्श भाग-1) पाठ-एवरेस्ट मेरी शिखर यात्रा
	पद्य खंड क. नए इलाके में ख. खुशबू रचते हैं हाथ
	व्याकरण कार्य अर्थ की दृष्टि से वाक्य भेद चित्र वर्णन अनुच्छेद लेखन
September	First Term Examination

October	गद्य खंड (स्पर्श भाग-1) पाठ-शुक्रतारे के समान पाठ- मेरा छोटा सा निजी पुस्तकालय
November	गद्य खंड (स्पर्श भाग- 1) पाठ—वैज्ञानिक चेतना के वाहक – चंद्र शेखर वेंकट रामन
December	Unit Test-2
January	<ul style="list-style-type: none">• समास• पदबंध
February	<ul style="list-style-type: none">• वाक्य रूपांतरण• मुहावरे
March	Final Term Examination

SCIENCE SYLLABUS (2023-2024): CLASS- IX

❖ PERIODIC TEST -1 (UT)		
➤ Chapters	Blue Print UT-1	Marks
✓ Ch- 1 Matter in our surroundings	✓ Section A	4x1= 4
✓ Ch-5 Fundamental Unit of Life	Case Based Questions	
✓ Ch-8. Motion (upto acceleration)		
	✓ Section B	1x11=11
	Objective type M.C.Q.	
	Assertion - Reason	
	✓ Section C	2x3= 6
	Short Answer Questions- I	
	✓ Section D	3x3=9
	Short Answer Questions- II	
	Section E	
	✓ Long Answer Questions	5x2=10
	Total	40
❖ SEA -1		
VIVA Voce- VIVA will be taken from the practicals and theory covered so far.	Blue Print SEA-1	Marks
	VIVA	5
➤ Practicals	Practicals	5
• Colloids, suspensions and solutions	Note- Book	5
• Compounds and Mixtures	Port Folio	5
• Cell the Building Blocks of Life		
• Plant Tissues and Animal Tissues		
• Melting point of Ice and Boiling Point of Water		
	Total	20
<ul style="list-style-type: none"> • Note Book- <ul style="list-style-type: none"> ○ Complete theory note- book will be accessed. • Portfolio- <ul style="list-style-type: none"> ○ Prepare a Report on the Major discoveries and life History of Scientists. ○ Calculate the speed of vehicle using difference in Odometer Reading. ○ Prepare an Info graph on Milk adulteration. ○ To prepare class presentation on given topics. 		

❖ First Term Exam			
➤ Chapters	Blue Print	First Term	Marks
✓ Ch- Matter in Our Surroundings	✓ Section A		
✓ Ch- Is Matter Around Us Pure?	M.C.Q.		1x16=16
✓ Ch- Fundamental Unit of Life.	Assertion Reason		1x4=04
✓ Ch- Tissue			
✓ Ch- Motion	✓ Section B		2x6= 12
✓ Ch- Force and Law of Motion	Short Answer Questions- I		
✓ Gravitation (Half)			
	Section C		3x7=21
	✓ Short Answer Questions- II		
	Section D		
	✓ Long Answer Questions		5x3=15
	Section E		
	✓ Case Study Questions		4x3=12
	Total		80
❖ PERIODIC TEST-II (UT-II)			
➤ Chapters	Blue Print	UT-II	Marks
✓ Atoms and Molecules	✓ Section A		
✓ Improvement in Food Resources	M.C.Q.		1x11=11
✓ Flotation	Assertion Reason		
✓ Work, Power and Energy			
	• Section B		2x3= 06
	Short Answer Questions- I		
	• Section C		3x3=09
	Short Answer Questions- II		
	• Section D		
	Long Answer Questions		5x2=10
	Section E		
	Case Study		4x1=04
	Total		40

❖ SEA -II			
VIVA Voce- VIVA will be taken from the practicals and theory covered so far.	Blue Print	SEA-1	Marks
	VIVA		5
➤ Practicals	Practicals		5
• Density of Solids	Note- Book		5
• Archimedes Principle	Port Folio		5
• Verification of Law of Conservation of Mass			
• Study of Dicot and Monocot Plants			
	Total		20

- **Note Book-**
 - Complete theory note- book will be accessed.

- **Pen Paper Test-**
 - Worksheet based on chapters covered so far.
 - Case Study and Numericals + Derivation from Gravitation.

❖ FINAL TERM EXAM			
➤ Chapters	Blue Print	Final Term	Marks
✓ Is Matter Around Us Pure?	✓ Section A		
✓ Atoms and Molecules	M.C.Q.		1x16=16
✓ Structure of Atom	Assertion Reason		1x4=04
✓ Tissue			
✓ Improvement in Food Resources	• Section B		2x6= 12
✓ Force and Law of Motion	Short Answer Questions- I		
✓ Gravitation			
✓ Work, Power and Energy	• Section C		3x7=21
✓ Sound	Short Answer Questions- II		
✓ The Fundamental Unit of Life: Cell			
	• Section D		
	Long Answer Questions		5x3=15
	Section E		
	Case Study Questions		4x3=12
	Total		80

Marks Distribution

Unit	Chapter Name	Total Marks
Unit-1	Matter- Its Nature and Behaviour	25
Unit- 2	Organization in the Living World	22
Unit- 3	Motion, Force and Work	27
Unit- 4	Food: Food Production	06
	Total	80
	Internal Assessment	20
	Grand Total	100

Month wise Syllabus

Month	Chapter's Name
April	<u>Physics</u> Ch-8. Motion (Half)
	<u>Chemistry</u> Ch- 1 Matter in our surroundings (Half)
	<u>Biology</u> Ch-5 Fundamental Unit of Life (Half)
May	<u>Physics</u> Ch-8. Motion (Last Half)
	<u>Chemistry</u> Ch-1. Matters in our surroundings (Full)
	<u>Biology</u> Ch-5 Fundamental Unit of Life (full)
June	_____Vacations_____
July	<u>Physics</u> Ch-8 Motion (Graphs) Ch-9 Force and its laws
	<u>Chemistry</u> Ch- 2. Is matter around us pure ?
	<u>Biology</u> Ch-6 Tissues
August	<u>Physics</u> Ch-10. Gravitation
	<u>Chemistry</u> Ch- 3. Atoms and Molecules (Half)
	<u>Biology</u> Ch-6 Tissues (full)
September	Revision Work + 1st Term Exam
October	<u>Physics</u> Ch-11. Work and energy
	<u>Chemistry</u> Ch- 4. Structure of Atom
	<u>Biology</u> Ch-12 Improvement in Food Resources
November	<u>Physics</u> Ch-13. Sound
December, January, February	_____Revision_____
March	Second Term Examination

Experiments:

1. Preparation of:

- a) a true solution of common salt, sugar and alum
- b) a suspension of soil, chalk powder and fine sand in water
- c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of

- transparency
- filtration criterion
- stability

2. Preparation of

- a) A mixture
- b) A compound

using iron filings and sulphur powder and distinguishing between these on the basis of:

- (i) appearance, i.e., homogeneity and heterogeneity
- (ii) behaviour towards a magnet
- (iii) behaviour towards carbon disulphide as a solvent
- (iv) effect of heat

3. Perform the following reactions and classify them as physical or chemical changes:

- (i) Iron with copper sulphate solution in water
- (ii) Burning of magnesium ribbon in air
- (iii) Zinc with dilute sulphuric acid
- (iv) Heating of copper sulphate crystals
- (v) Sodium sulphate with barium chloride in the form of their solutions in water

4. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record observations and draw their labeled diagrams.

5. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams.

6. Determination of the melting point of ice and the boiling point of water.

7. Verification of the Laws of reflection of sound.

8. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.

9. Establishing the relation between the loss in weight of a solid when fully immersed in :

- a) tapwater.
- b) Strongly salty water with the weight of water displaced by it by taking at least two different solids.

10. Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).

11. Verification of the law of conservation of mass in a chemical reaction.

SOCIAL SCIENCE SYLLABUS (2023-2024): CLASS- IX

❖ PERIODIC TEST -1 (UT)			
➤ Chapters	Blue Print	UT-1	Marks
✓ Ch- People as Resources (Economics)	Multiple Choice Questions		5x1= 5
✓ Ch- India- Size and Location (Geography)	Very Short Question Answer		4x2= 8
✓ Ch- What is Democracy? Why Democracy? (Civics)	Short Question Answer		3x3= 9
✓ The French Revolution (History)	Case Study		4x1= 4
	Long Question Answer		2x5=10
	Map		4x1 =4
➤ Map Work			
✓ India States with Capitals			
✓ Standard Meridian of India			
✓ Tropic of Cancer			
✓ Neighbouring Countries			
	Total		40
❖ SEA -1			
Project Work will be assessed	Blue Print	SEA-1	Marks
(Project on Natural Disaster or Manmade Disaster)	VIVA Voce		10
	Project Work		10
	Total		20
❖ First Term Exam			
➤ Geography	Blue Print	First Term	Marks
✓ Ch- India- Size and Location			
✓ Ch- Physical Features of India	Multiple Choice Questions		20x1=20
✓ Ch- Drainage	Very Short Question Answer		4x2=8
➤ Economics	Short Question Answer		5x3=15
✓ Ch- People as Resources	Case Study		3x4=12
✓ Ch- Poverty as a Challenge	Long Question Answer		4x5=20
➤ Civics	Map		5x1=5
✓ What is Democracy? Why Democracy?			
✓ Constitutional Design			
✓ Electoral Politics			
➤ History			
✓ Ch- The French Revolution			
✓ Ch- Nazisms and The Rise of Hitler			
	Total		80

➤ Map Work		
• History (The French Revolution)		
✓ Outline Political Map of France Locate/ Label/ Identify:		
✓ Bordeaux, Nantes, Paris, Marseille		
• Geography		
✓ (Ch- Physical Features of India)		
✓ Mountain Ranges: The Karakoram, The Zaskar, The Shivalik, the Aravali, the Vindhya, the Satpura, Western and Eastern Ghats.		
✓ Mountain Peaks: K2, Kanchan Junga, Anai Mudi		
✓ Plateau: Deccan Plateau, Chota Nagpur Plateau, Malwa Plateau		
✓ Coastal Plains: Konkan, Malabar, Coromandel and Northern Circar (Location and Labelling)		
✓ Ch- (Drainage)		
✓ Rivers: (Identification only)		
✓ The Himalayan River System: The Indus, The Ganga and The Sutlej.		
✓ The Peninsular Rivers: The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi		
✓ Lakes: Wular, Pulicat, Sambhar, Chilika		

❖ **PERIODIC TEST: II**

➤ Chapters	Blue Print (PT-II)	Marks
✓ Ch-Working of Institutions (Civics)	Multiple Choice Questions	5x1= 5
✓ Ch- Food Security in India (Economics)	Very Short Question Answer	4x2= 8
✓ Ch- Population (Geography)	Short Question Answer	3x3= 9
✓ Ch- Socialism in Europe and the Russian Revolution (History)	Case Study	4x1= 4
	Long Question Answer	2x5=10
	Map	4x1 =4
	Total	40

❖ **SEA -II**

Project work will be assessed	Blue Print SEA-II	Marks
Type of Vegetation: Tropical Evergreen Forests, Tropical Deciduous Forests, Thorn Forests and Shrubs, Mountains Forests, Mangrove Forests	VIVA Voce	10
	Project Work	10
	Total	20

❖ Final Term Exam		
➤ Geography	Blue Print Final Term	Marks
✓ Ch- Climate	Multiple Choice Questions	20x1=20
✓ Ch- Natural Vegetation and Wildlife (Wildlife)	Very Short Question Answer	4x2=8
✓ Ch- Population	Short Question Answer	5x3=15
➤ Economics	Case Study	3x4=12
✓ Ch- Food Security in India	Long Question Answer	4x5=20
	Map	5x1=5
➤ Civics		
✓ Ch- Working of Institution		
✓ Democratic Rights		
➤ History		
✓ Ch- Socialism in Europe and The Russian Revolution		
✓ Ch- Forest Society and Colonialism (Why Deforestation?)		
✓ Ch- Pastoralists in the Modern World		
(To be assessed in the Periodic Assessment only)		
	Total	80
➤ Map Work		
• History (Ch- Socialism in Europe and The Russian Revolution)		
• Outline Political Map of World locate/ Label/ Identify major countries of World War		
✓ Central Powers- Germany, Austria-Hungary, Turkey (Ottoman Empire)		
✓ Allied Powers- France, England, Russia, USA		
• Geography (Ch- Climate)		
✓ Percentage of rainfall in India		
✓ Monsoon Wind Directions		
• Ch- (Population)		
✓ Population Density of all states		
✓ The state having highest and lowest density of population		
(Chapter of First Term will be included in Final Term)		

Month wise Syllabus

Month	Chapter's Name
April	Ch- The Story of Village Palampur
	Ch- India- Size and Location
	Ch- What is Democracy? Why Democracy
May	Ch- People as Resource
	Ch- Physical Features of India
	Ch- The French Revolution
June	_____ Vacations _____
July	Ch- Poverty as a Challenge
	Ch- Drainage
	Ch-Constitutional Design
August	Ch- Nazism and The Rise of Hitler
	Ch- Electoral Politics
September	Revision Work + 1st Term Exam
October	Ch- Food Security in India
	Ch- Pastoralists in the Modern World
	Ch- Working of Institutions
November	Ch- Climate
	Ch- Forest Society and Colonialism
	Ch- Population
December	Ch- Natural Vegetation and Wildlife
	Ch- Socialism in Europe and the Russian Revolution
	Ch- Democratic Rights
	Revision of Unit Test Syllabus
January	Meaning of Resource Types of Soil Land Degradation Resource Planning
February	Meaning of Agriculture Types of Farming Cropping Pattern Major Crops Food Crops Non - Food Crops Technological and Institutional Reforms.
March	Final Exams

INFORMATION TECHNOLOGY(IT) SYLLABUS (2023-2024): CLASS- IX

❖ PERIODIC TEST -1 (UT)				
➤ Part B	Blue Print	UT-1	Marks	
✓ Unit-2: Data Entry and Keyboarding skills	✓ Part A			
	Objective Type Questions (1 x 8)		08	
✓ Unit-3: Digital Documentation	Short Answer Questions (2 x 8)		16	
	✓ Long Answer Questions (4 x 4)		16	
	Total		40	
➤ Practicals			Blue Print	Marks
✓ Syllabus for Practical Exam	Practical Work		35	
Working with Tables	Project Work/ Field Visit/ Student Portfolio + PT		15	
Mail- Merge				
	Total		50	
❖ First Term Exam				
➤ Part-A	Blue Print	First Term	Marks	
✓ Unit-1 : Communication Skills-I				
✓ Unit-2: Self- Management Skills-I	Objective Type Questions (1 x 24)		24	
✓ Unit-3: ICT Skills-I	Short Answer Questions (2 x 7)		14	
➤ Part-B	Long Answer Questions (4 x 3)		12	
✓ Unit-1: Introduction to IT- Ites Industry				
✓ Unit-2: Data Entry and keyboarding Skills	Total		50	
✓ Unit-3: Digital Documentation				
❖ PERIODIC TEST -2 (UT)				
➤ Part A	Blue Print	PT-2	Marks	
✓ Unit-4: Entrepreneurial Sills-1	✓ Part A			
	Objective Type Questions (1 x 14)		14	
➤ Part B	Short Answer Questions (2 x 7)		14	
✓ Unit-5: Digital Presentation	Long Answer Questions (4 x 3)		12	
	Total		40	
➤ Practicals			Blue Print	Marks
✓ Syllabus for Practical Exam	Practical Work		35	
Working with slides	Project Work/ Field Visit/ Student Portfolio + PT		15	
Working with styles				
	Total		50	

❖ Final Term Exam			
➤ Part-A	Blue Print	Final Term	Marks
✓ Unit-1 : Communication Skills-I			
✓ Unit-2: Self- Management Skills-I	Objective Type Questions (1 x 24)		24
✓ Unit-3: ICT Skills-I	Short Answer Questions (2 x 7)		14
✓ Unit-4: Entrepreneurial Skills-I	Long Answer Questions (4 x 3)		12
✓ Unit-5: Green Skills-I			
➤ Part -B	Total		50
✓ Unit-1: Introduction to IT-Ites Industry			
✓ Unit-2: Data Entry and Keyboarding Skills			
✓ Unit-3: Digital Documentation			
✓ Unit-4: Electronic Spreadsheet			
✓ Unit-5: Digital Presentation			

Marks Distribution: 100 (Theory- 50 + Practical - 50)

Part	Max Marks
Part-A	
Unit 1: Communication Skills-I	2
Unit 2: Self-Management Skills-I	3
Unit 3: ICT Skills-I	1
Unit 4: Entrepreneurial Skills-I	3
Unit 5: Green Skills-I	1
Total	10
Part-B	
Unit-1: Introduction to IT-Ites Industry	4
Unit-2: Data Entry and Keyboarding Skills	6
Unit-3: Digital Documentation	10
Unit-4: Electronic Spreadsheet	10
Unit-5: Digital Presentation	10
Total	40
Part-C	
Practical Work	35
Part-D	
Project Work / Field Visit / Student Portfolio	15
GRAND TOTAL	100

Month wise Syllabus

Month	Content
April	Part-B
	Unit-2 Data Entry and Keyboarding Skills
May	Part-B
	Unit-1 Digital Documentation
June	Vacations

July	<u>Part B</u>
	Unit-1: Introduction to IT- ITes Industry
	<u>Part A</u>
	Unit 1: Communication Skills-II
	Chapter 1 : Methods of communication
	Chapter 2: Elements of Communication Cycle
	Chapter 3: Factors Affecting Communication
	Chapter 4: Basic Writing Skills
	Unit 2: Self Management Skills-I
	Chapter 5: Self- Management
Chapter 6: Building Self- Confidence	
August	<u>Part-A</u>
	<u>Unit-3 Basic Information and Communication Technology (ICT) Skills</u>
	Chapter 7: ICT
	Chapter 8: Components of a Computer System
	Chapter 9: Various Peripheral Devices of Computer
	Chapter 10: Operating System
	Chapter 11: Working with Windows 7
	Chapter 12: The Internet
September	First Term Examination
October	<u>Part-B</u>
	Unit-5 Digital Presentation
November	<u>Part-B</u>
	Unit-9 Electronic Spreadsheet
December	<u>Part- A</u>
	Unit-4: Entrepreneurial Skills-1
	Chapter 13: Types of Business Activities
	Chapter 14: Characteristics of Entrepreneurship
	Unit-5: Green Skills-1
	Chapter 15: Factors Influencing Natural Resource Conservation
Chapter 16: Importance of Green Economy and Green Skills	
January and February – Revision	
March- Final Term Examination	

ARTIFICIAL INTELLIGENCE (AI) SYLLABUS (2023-2024): CLASS- IX

❖ PERIODIC TEST -1 (UT)		
➤ Part B	Blue Print	UT-1
✓ Unit-1: Artificial Intelligence		Marks
	Objective Type Questions (1x 08)	08
	Short Answer Questions (2 x 8)	16
	Short Answer Questions (4 x 4)	16
	Total	40
➤ Practical Work: Python		
	Blue Print	Marks
✓ Syllabus for Practical Exam	Practical Work	35
Sequential Programming	Project Work/ Field Visit/ Portfolio + PT	15
	Total	50
❖ First Term Exam		
➤ Part-A	Blue Print	First Term
✓ Unit-1 : Communication Skills-I		Marks
✓ Unit-2: Self- Management Skills-I	Objective Type Questions (1 x 24)	24
	Short Answer Questions (2 x 7)	14
➤ Part-B	Long Answer Questions (4 x 3)	12
✓ Unit-1: Artificial Intelligence		
✓ Unit-2: AI Project Cycle		
	Total	50
❖ PERIODIC TEST -2 (UT)		
➤ Part A	Blue Print	UT-2
✓ Unit-4: Entrepreneurial Skill-1		Marks
	Objective Type Questions (1x 14)	14
➤ Part B	Short Answer Questions (2 x 7)	14
✓ Unit-4: Introduction to Python	Short Answer Questions (4 x 3)	12
✓ Unit-3: Neural Network		
	Total	40
➤ Practical Work: Python		
	Blue Print	Marks
✓ Syllabus for Practical Exam	Practical Work	35
Lists and Tuples	Project Work/ Field Visit/ Portfolio + PT	15
Conditional Statements	Total	50

❖ Final Term Exam

Month	Content	Blue Print	Final Term	Marks
➤	Part-A			
✓	Unit-1 : Communication Skills-I			
✓	Unit-2: Self- Management Skills-I	Objective Type Questions (1 x 24)		24
✓	Unit-3: ICT Skills-I	Short Answer Questions (2 x 7)		14
✓	Unit-4: Entrepreneurial Skills-I	Long Answer Questions (4 x 3)		12
✓	Unit-5: Green Skills-I			
➤	Part -B	Total		50
✓	Unit-1: Artificial Intelligence			
✓	Unit-2: AI Project Cycle			
✓	Unit-3: Neural Network			
✓	Unit-4: Introduction to Python			

Marks Distribution: 100 (Theory- 50 + Practical - 50)

Part	Max Marks
Part-A	
Unit 1: Communication Skills-I	2
Unit 2: Self-Management Skills-I	2
Unit 3: ICT Skills-I	2
Unit 4: Entrepreneurial Skills-I	2
Unit 5: Green Skills-I	2
Total	10
Part-B	
Unit 1: Introduction to Artificial Intelligence (AI)	10
Unit 2: AI Project Cycle	15
Unit 3: Neural Network	5
Unit 4: Introduction to Python	10
Total	40
Part-C	
Practical Work	35
Part-D	
Project Work / Field Visit / Student Portfolio	15
GRAND TOTAL	100

April	<u>Part-B</u> Unit-1: Artificial Intelligence Unit-4: Introduction to Python Features of Python, Limitation of Python, Working with Python
May	<u>Part-B</u> Unit-1: Artificial Intelligence (Contd..) Unit-4: Introduction to Python Datatypes in Python, Statements in Python Programs (Related Programs)
June	Summer Vacations
July	<u>Part-B</u> Unit-1: Artificial Intelligence (Contd..) Unit-2: AI Project Cycle Unit-4: Introduction to Python Expressions in Python, Accepting User Input and Displaying Output, Comments in Python (Related Program)
August	<u>Part-B</u> Unit-2: AI Project Cycle (contd..) Unit-4: Introduction to Python Simple Programs <u>Part-A</u> Unit 1: Communication Skills-I Unit 2: Self-Management Skills-I
September	First Term Examination
October	<u>Part-B</u> Unit-3: Neural Network Unit-4: Introduction to Python Simple Programs <u>Part-A</u> Unit 3: ICT Skills-I
November	<u>Part-A</u> Unit-4 : Entrepreneurial Skills-I Unit-5 : Green Skills-I <u>Part- B</u> Unit-4: Introduction to Python ➤ Python Lists, List Programs
December	<u>Unit-4: Introduction to Python</u> Python Lists, List Programs
January	Revision of Part B
February	Revision of Part A
March- Final Term Examination	