

MODERN SCHOOL / DIHS**PROPOSED SCIENCE SYLLABUS (2023-2024)****CLASS- X****SUBJECT- BIOLOGY**

Book prescribed: NCERT

Month-wise Syllabus

MONTH	CHAPTER NUMBER	CHAPTER NAME
MARCH	CH-5	LIFE- PROCESSES (TO BE CONTINUED)
APRIL	CH-5	LIFE- PROCESSES
MAY	CH-6	CONTROL AND COORDINATION (TO BE CONTINUED)
JULY	CH-6	CONTROL AND COORDINATION
JULY	CH-7	HOW DO ORGANISMS REPRODUCE ? (TO BE CONTINUED)
AUGUST	CH-7	HOW DO ORGANISMS REPRODUCE ?
SEPTEMBER		REVISION
OCTOBER	CH-8	HALF YEARLY EXAM HEREDITY
NOVEMBER	CH- 13	OUR ENVIRONMENT (TO BE CONTINUED)
DECEMBER		REVISION AND PREBOARD 1
JANUARY		REVISION AND PREBOARD 2

PRACTICALS :

S. No.	MONTH	PRACTICAL
1	APRIL	Experimentally show that carbon dioxide is given out during respiration.
2	APRIL	Preparing a temporary mount of a leaf peel to show stomata.
3	JULY	Studying binary fission in amoeba , budding in yeast and hydra with the help of prepared slides.
4	AUGUST	Identification of the different parts of an embryo of a dicot seed (Pea,gram or red kidney bean)

PT & Exams Syllabus

Exam	Tentative date	Syllabus
PT 1	16 th May -31 st May	CH -5 LIFE- PROCESSES (NUTRION AND RESPIRATION)
PT 2	1 st August -12 th August	CH-6 CONTROL AND COORDINATION
Half Yearly Exam	25 th September -14 th October	CH -5 LIFE- PROCESSES CH-6 CONTROL AND COORDINATION Ch- 7 HOW DO ORGANISMS REPRODUCE ?
Preboard 1	18 th December — 30 th December	FULL SYLLABUS

MODERN SCHOOL
PROPOSED SCIENCE SYLLABUS (2023-2024)
CLASS- X
SUBJECT- CHEMISTRY

Book prescribed: NCERT

Month-wise Syllabus

Month	Chapter No.	CHAPTER'S NAME
MARCH	1	Chemical reactions and equations (TO BE CONTINUED)
APRIL	1	Chemical reactions and equations.
MAY	2	Acids, Bases and salts
JULY	3	Metals and Non metals upto non metals (TO BE CONTINUED)
AUGUST	3 4	Metals and Non metals Carbon and its compounds upto homologous series (TO BE CONTINUED)
SEPTEMBER		REVISION
OCTOBER	4	Half yearly Examination Carbon and its compounds
NOVEMBER		REVISION
DECEMBER		PREBOARD 1
JANUARY		PREBOARD 2

LIST OF EXPERIMENTS

S. No.	MONTH	PRACTICAL
1	APRIL	Performing and observing the following reactions and classifying them into: A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction (i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride Solutions

2	MAY	Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution
3	MAY	Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate
4	JULY	A. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: (i) ZnSO ₄ (aq) (ii) FeSO ₄ (aq) (iii)CuSO ₄ (aq) (iv)Al ₂ (SO ₄) ₃ (aq) B. Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.
5	OCTOBER	Study of the following properties of acetic acid (ethanoic acid): i) Odour ii) solubility in water iii) effect on litmus iv) reaction with Sodium Hydrogen Carbonate
6	OCTOBER	Study of the comparative cleaning capacity of a sample of soap in soft and hard water.

PT & Exams Syllabus

Exam	Tentative date	Syllabus
PT 1	16 th May -31 st May	CH -1 CHEMICAL REACTIONS AND EQUATIONS
PT 2	1 st August -12 th August	CH -2 METALS AND NON METALS (UPTO NON METALS)
HALF YEARLY EXAM	25 th September -14 th October	CH -1 CHEMICAL REACTIONS AND EQUATIONS CH -2 ACIDS,BASES AND SALTS CH -3 METALS AND NON METALS CH -4 CARBON AND ITS COMPOUNDS (UPTO HOMOLOGOUS SERIES)
PRE BOARD 1	18 th December —30 th December	FULL SYLLABUS
PRE BOARD 2	15 th January—30 th January	FULL SYLLABUS

MODERN SCHOOL
PROPOSED SCIENCE SYLLABUS (2023-2024)
CLASS- X
SUBJECT- PHYSICS

Book prescribed: NCERT

Month-wise Syllabus

Month	Chapter's No.	CHAPTER'S NAME
MARCH	CH 9	Light - Reflection and Refraction (Up to Reflection)
APRIL	CH 9	Light - Reflection and Refraction continued (Refraction of light onwards)
MAY	CH 9	Light - Reflection and Refraction (continued)
JULY	CH 10	Human eye and colorful world
JULY	CH 11	Electricity
AUGUST	CH 11	Electricity (continued)
SEPTEMBER	CH 12	Revision
OCTOBER	CH 12	HALF YEARLY EXAMINATION Magnetic effect of current
NOVEMBER		REVISION
DECEMBER		PREBOARD - 1
JANUARY		PREBOARD - 2

PRACTICALS:

S. No.	MONTH	PRACTICAL
1	APRIL	Determining the focal length of 1) concave mirror 2) convex lens by obtaining the image of a distant object .
2	MAY	Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
3	MAY	Tracing the path of rays of light through a glass prism .
4	SEPTEMBER	Studying the dependence of potential difference (V) across a resistor on a current (I) passing through it and determining its resistance. Also plotting a graph between V and I
5	SEPTEMBER	Determination of equivalent resistance of two resistors when connected in series and parallel.

PT & Exams Syllabus

Exam	Tentative date	Syllabus
PT 1	16th May -31st May	CH - 9 Light - Reflection and Refraction
	1st August -12th August	CH -10 Human eye and colourful world
HALF YEARLY EXAM	25th September -14 th October	CH - 9 Light - Reflection and Refraction CH -10 Human eye and colourful world Ch-11 Electricity
PRE BOARD 1	18th December — 30th December	FULL SYLLABUS
PREBOARD 2	15th January—30th January	FULL SYLLABUS

Prepared By:

Name of Teacher: MR. K.S. JINA & MS ASHA PANWAR



Modern School Faridabad
Syllabus 2023-2024
Class:X Subject: **SOCIAL SCIENCE**

Book prescribed: NCERT

Month-wise Syllabus

Month	Chapter No.	Chapter Title
March	Geography	Ch 1 Resources and development
April	Civics	Ch 1 Power Sharing Ch 2 Federalism
	Economics	Ch 1 Development
	Geography	Ch 4 Agriculture
May	Geography	Ch 2 Forest and Wildlife
	Economics	Ch 2 Sectors of Indian Economy
	History	Ch 1 The Rise of Nationalism in Europe
July	Economics	Ch 3 Money and credit
	History	Ch 2 Nationalism in India
	Geography	Ch 3 Water Resources Ch 5 Minerals and Energy Resources
August	Civics	Ch 6 Political Parties
	Geography	Ch 6 Manufacturing Industries Ch 7 Life Line of Indian Economy(form roadways to railways only)
	Economics	Ch 4 Globalization (Topic to be cover : What is globalization , Factors that have enable globalization)
September	Civics	Ch 4 Gender,caste and religion

October	Civics History	Ch 7 Outcomes of the democracy Ch 4 The Age of Industrialization (To be assessed in the periodic assessment only) Ch 3 The Making of Global World (Topics to be evaluated in board are :- Subtopic. 1 to 1.3 Premodern world to conquest disease and trade.
November	History	Ch 5 Print culture in the Modern World.
December		Pre Board
January		Pre Board

Deleted Topic

Civics Ch 3 Democracy and Diversity
Ch 5 Popular Struggle and Movements
Ch 8 Challenges of Democracy

Syllabus

PT 1	Civics Ch 1,2	Economics Ch 1	Geography Ch 1	
Mid term	Civics Ch 1,2	Economics Ch 1,2	Geography Ch 1,2,4	History Ch 1
Half yearly	Civics Ch 1,2,4,6	Economics Ch 1,2,3,4	Geography Ch1,2,3,4,5,6,7	History Ch1,2
Pre board 1	Full syllabus			
Pre board 2	Full syllabus			

Name of Teacher: Kavita Anchalia
SonikaChaudhary



Modern School Faridabad
Syllabus 2023-2024
Class: X Subject: ART & CRAFT

Book prescribed: A CREATIVE BOOK OF DRAWING

Publication: BY- Rohan Book Company Pvt. Ltd.

TERM 1 Syllabus

TERM 1	Chapter Title
1	STILL LIFE- FRUIT BOWL
2	LANDSCAPE – PEN SHADING
3	ANIMAL LIFE- COWS OR HORSES
4	SKETCH OF MODELS
5	PORTRAIT
6	STARRY NIGHT – A PAINTING BY VAN GOG
CRAFT	
1	CLAY WORK

TERM 2	Chapter Title
1	ABOUT THE DIFFERENT TYPE OF INDIAN PAINTING STYLES
2	VILLAGE ART
3	RAJASTHANI PAINTING
4	FLOWERS COMPOSITION
5	INTERIOR OF ROOM OR ANY MONUMENT
6	KALAMKARI , MEHNDI DESIGN
7	ABOUT THE GREAT ARTIST OF THE WORLD – LEONARDO DA VINCI & AMRITA SHERGILL
CRAFT	
1	BASKET WEAVING
2	MACRAME WORK

MARKING SCHEME :- CRAFT (30 MARKS)

PENCIL SHADING (20 MARKS)

COLOUR COMPOSITION (20 MARKS)

FOLK ART (15 MARKS)

SESSIONAL WORK (15 MARKS)

MODERN SCHOOL / DIHS
SYLLABUS (2023-2024)
CLASS - X
SUBJECT – ENGLISH LANG. & LIT.(184)

- BOOKS PRESCRIBED: 1.First Flight (NCERT)**
2. Footprints without feet (Supplementary Reader) (NCERT)
3. Words and Expressions
4. BBC Compacta

MONTH	BOOKS	CHAPTERS/POEMS/TOPICS
March	Writing Grammar	<ul style="list-style-type: none"> • Formal Letter to Editor • Tenses
April	First Flight Footprints Without Feet Reading Words and Expressions	<ul style="list-style-type: none"> • A Letter to God • Poem- Dust of Snow • Poem: Fire and Ice • Nelson Mandela- Long Walk to Freedom • Poem-A Tiger in the Zoo • A Triumph of Surgery • The Thief's Story • Unseen Passage • Unit 1 &2
May	First Flight Footprints without Feet Writing Grammar Words and Expressions	<ul style="list-style-type: none"> • Two Stories About Flying I -His First Flight II-Black Aeroplane • Poem- How to tell Wild Animal • Poem-The Ball Poem • The Midnight Visitor • A Question of Trust • Letter(Enquiry, Placing order, Complaint) • Modals, Determiners • Unit 3&4
July	First Flight Footprints Without Feet Writing Grammar Words and Expressions	<ul style="list-style-type: none"> • From the Diary of Anne Frank • Poem- Amanda • Footprints Without Feet • The Making of a Scientist • Discursive Passage • Reported Speech
August	First Flight Footprints without feet Writing	<ul style="list-style-type: none"> • Glimpses of India I-A Baker from Goa II-Coorg III-Tea from Assam • Mijbil the Otter • Poem-The Trees • Poem-Fog • The Necklace • Analytical Paragraph (map, chart, report, line graph etc.)

	Grammar Words and Expressions	<ul style="list-style-type: none"> • Subject Verb Concord • Unit 7&8
September		HALF YEARLY EXAMS
October	First Flight Footprints without feet Grammar Words and Expressions	<ul style="list-style-type: none"> • Madam Rides the Bus • The Serman at Benares • Poem- The Tale of Custard the Dragon • Bholi • Commands and Request& Questions • Unit 9, 10 &11
November	First Flight Footprints without feet	<ul style="list-style-type: none"> • The Proposal • Poem- for Anne Gregory • The Book that Saved the Earth

PT 1

First Flight: A Letter to God

Poem: Dust of Snow

Footprints without Feet: A Triumph of Surgery

Grammar: Tenses

Writing: Letter to Editor

Mid Term: Syllabus covered upto the month of May

Half Yearly: Syllabus covered upto the month of September

P.B. 1- Complete Syllabus from March to November (full Syllabus)

P.B. 2- Complete Syllabus from March to November(full Syllabus)

Internal Assessment

Periodic Test	5	20
Multiple Assessment	5	●
Port Folio	5	●
Assessment for speaking and learning (ASL)	5	●



MODERN SCHOOL
PROPOSED SYLLABUS (2023-2024)

CLASS – X **SUBJECT – INFORMATION TECHNOLOGY (402)**

Book prescribed: -**INFORMATION TECHNOLOGY**

Publication: **KIPS PUBLICATION**

Month-wise Syllabus

Month	Unit	Topic
APRIL	Part B- Unit I Part A Unit III	Digital Documentation (Advanced) Chapters 1 – 5 ICT Skills Chapters 8,9
MAY	Part B unit-III Part A Unit III Part A Unit V	Database Management System Chapters 10,11 ICT Skills Chapters 10 Green Skills- chapter 12
JULY	Part A unit I Part B unit-II	Communication Skills Chapters 1,2,3,4, Excel advanced Chapters 6, 7
AUGUST	Part A unit II Part B unit-II	Self- Management Skills Chapters 6,7 Excel Advanced Chapters 8,9
SEPTEMBER	Part B- Unit IV Part A Unit IV	Web Applications and Security Ch-15 to 18 Entrepreneurial Skills chap-11
OCTOBER	HALF YEARLY EXAMINATIO S	
November	Part B- Unit IV Part B unit-III	Web Applications and Security Ch-19 to 25 Database Management System Chapters 12,13,14
December	Revision	PreBoard-I
January	Revision	PreBoard-II

PT 1 Syllabus [25-05-2023]

- Digital documentation(advanced)Chapters 1,2,3,4
- ICT Skills Chapters 8,9

MID-TERM EXAMINATION Syllabus [17-07-2023]

- Part A: Employability Skills - ICT Skills Chapters 8,9,10
- Part A: Employability Skills - Green Skills Chapter 12
- Part B: Subject Specific Skills - Digital documentation(advanced)Chapters 1,2,3,4,5
- Part B: Subject Specific Skills - Database Management System Ch 10,11
- Part B: Subject Specific Skills - Excel Advanced Ch 6,7

Half Yearly :-

Part A- Unit I Part A Unit III Part B- Unit I Part B unit-II Part B unit-III Part B- Unit IV	Communication Skills: Ch: 1-5 ICT Skills Chapters 8,9, 10 Digital Documentation (Advanced) Chapters 1,2,3,4,5 Excel Advanced : Chapters 6,7,8,9 Database Management System - Chapters 10,11 Web Applications and Security Ch-15 to 18
---	--

Pre-Board I:- Complete Syllabus

Pre-Board II:- Complete Syllabus



Modern School Faridabad

Class: X (2023-24)

Subject: Mathematics

Book prescribed: NCERT text book

NCERT Exemplar

Publication: NCERT

Month-wise Syllabus

Month	Chapter
MARCH	CH 1: REAL NUMBERS
APRIL	CH 2: POLYNOMIALS CH 3: LINEAR EQUATION IN TWO VARIABLE CH 7 COORDINATE GEO.
MAY	CH 6 TRIANGLES CH 8 : INTRODUCTION TO TRIGONOMETRY
JULY	CH 11: AREA RELATED TO CIRCLES Ch. 14 PROBABILITY CH 4 QUADRATIC EQUATION
AUGUST	CH 13 STATISTICS CH 9 APPLICATION TO TRIGONOMETRY
SEPTEMBER	REVISION FOR HALF YEARLY
OCTOBER	CH 10 CIRCLES CH 5 ARITHMETIC PROGRESSION
NOVEMBER	CH 12 SURFACE AREA AND VOLUME
DECEMBER	
Januaury - February	

DELETED TOPICS/CHAPTERS

Sr no.	Chapter	Topics
1.	Real Numbers	a) Eucild's division lemma b) Decimal representation of rational numbers
2	Polynomial	Division Algorithm

3.	Linear equation in two variable	a) Cross multiplication method b) Problems on equation reducible to linear equation
4.	Quadratic Equation	Completing the squares
5,	Arithmetic Progression	No Deletion
6.	Triangles	a) Areas of two similar triangles b) Pythagoras Theorem and its converse
7.	Co-ordinate Geometry	Area of Triangles
8.	Introduction to trigonometry	T. ratios of complementary angles
9.	Application of trigonometry	No deletion
10	Circles	No deletion
11.	Construction	Fully deleted
12	Area related to circles	Areas of combination of plane figures
13	Surface area and volume	a) Conversion of one solid to another solid b) Frustum of cone
14.	Statistics	Commulative Frequency Graph
15.	Probability	No deletion

PT 1	CH 1: REAL NUMBERS CH 2: POLYNOMIALS CH 3: LINEAR EQUATION IN TWO VARIABLE
MID TERM	CH 1: REAL NUMBERS CH 2: POLYNOMIALS CH 3: LINEAR EQUATION IN TWO VARIABLE CH 6 TRIANGLES CH 7: CO-ORDINATE GEO CH 8 : INTRODUCTION TO TRIGONOMETRY
HALF YEARLY	CH 1: REAL NUMBERS CH 2: POLYNOMIALS CH 3: LINEAR EQUATION IN TWO VARIABLE CH 6 TRIANGLES CH 7: CO-ORDINATE GEO CH 8 : INTRODUCTION TO TRIGONOMETRY CH 11: AREA RELATED TO CIRCLES Ch. 14 PROBABILITY CH 4 QUADRATIC EQUATION CH 13 STATISTICS CH 9 APPLICATION TO TRIGONOMETRY

LAB MANUAL ACTIVITIES

- 1) To find HCF of two numbers by Euclid's division lemma**
- 2) To draw an O-give of less than type data**
- 3) To verify conditions for consistency and inconsistency for a given pair of equation by graphical method**
- 4) To verify the BPT (Thales theorem)**
- 5) To verify Pythagoras theorem.**
- 6) To establish a formula for the sum of first n terms of an A.P**
- 7) To verify length of tangents from an external point are equal**
- 8) To verify section formula by graphical method**
- 9) To obtain formula for surface area of a circus tent.**

- 10) To find geometrically, solution of ax^2+bx+c by completing the square**

Name of Teacher: Ritu Sharma, Priyanka Vadhera, Deepa

□□□□ □□□□		□□□□□□□□□□□□□□□□□□
□□□□ □□□□	□□□□□□ □□□-6	□□□□□□□□ □□□□□□□, □□□□
	□□□□□ □□□ - 16	□□□□□□□□□□ □□□□ □□□□□□
	□□□□□□□□ □□□-5	□□□□ □□□□□□□ □□□□□□□ □□□□
□□□□□ □	□□□□□□ □□□-9	□□□□□□□□□
	□□□□□ □□□-17	□□□□□□□□□□

□□.□□ 1

□□□□□, □□□□ - 10	□□□□□ □□ □□ □□□□□□
□□□□□□, □□□□ - 1	□□□□□□□□ □□ □□
□□□□□□□□□	□□-□□□□□□□, □□□□□□

मध्यावधि पाठ्यक्रम ---

क्षितिज --पाठ -10- नेताजी का चश्मा पाठ -11- बालगोबिन भगत

पाठ -सूरदास के पद पाठ -4- आत्मकथ्य

कृतिका -पाठ 1-माता का अँचल

व्याकरण -संदेश लेखन /पद परिचय /वाच्य /रचना के आधार पर वाक्य भेद

औपचारिक ईमेल लेखन / विज्ञापन /अलंकार(श्लेष , उत्प्रेक्षा, अतिशयोक्त , मानवीकरण)

□□□□□□□□□□□□□□□□□□

□□□□□, □□□□ - 10	□□□□□ □□ □□ □□□□□□
□□□□□	□□□□□□□ □□□□□
□□□□□□□, □□□□ - 1	□□□□□□□□ □□ □□ (□□□□□□□□□ 1)
□□□□□□□, □□□□ - 1	□□□□□□□□ □□ □□ (□□□□□□□□□ 2)
□□□□□□□□, □□□□-1	□□□□□ □□ □□□□□
□□□□□□□□□	□□-□□□□□□□, □□□□□□
□□□□□□□, □□□□-4	□□□□□□□□□□
□□□□□ □□□□ - 11	□□□□□□□□□□□□□
□□□□□	□□□□□□□□□ □-□□□□ □□□□□, □□□□□□□□□□

□□□□□□□□	□□□□□□ (□□□□□, □□□□□□□□□□□□, □□□□□□□□□□□□, □□□□□□□□□□□□) □□□□□ □□ □□□□□ □□ □□□□□□ □□□□
□□□□□□, □□□□ - 5	□□□□□□□□, □□ □□□□ □□□□
□□□□□□, □□□□ - 12	□□□□□□□ □□□□□□
□□□□□□□□, □□□□ - 3	□□□□□-□□□□□□ □□□□ □□□□□
□□□□□□	□□□□□□□□□□□ □□□□□, □□□□□□□□ □□□□□
□□□□□□□□, □□□□ - 2	□□□□□□□□□□□
□□□□□□□, □□□□ - 14	□□ □□□□□□□ □□ □□□
□□□□□□	□□□□□□-□□□□□□
	□□□□□□□ □□□□□□□□□□ □ □□□□□□□□□□

□□.□□ 2

□□□□□□□□	□□□□□□□ (□□□□□□, □□□□□□□□□□□□, □□□□□□□□□□□□) □□□□□ □□ □□□□□ □□ □□□□□□ □□□□
□□□□□□□, □□□□ - 5	□□□□□□□□, □□ □□□□ □□□□
□□□□□□□□, □□□□ - 3	□□□□□□-□□□□□□ □□□□ □□□□□

□□□□□ □□□□□□ 1. - □□□□□□ □□□□□□□□□□□

□□□□□ □□□□□□ 2.- □□□□□□ □□□□□□□□□□□