



THE LEXICON SCHOOLS

(Wagholi ● Hadapsar ● Kalyani Nagar)

MONTH WISE CURRICULUM - 2025-26

Class - X

APRIL 2025

ENGLISH

First Flight

Prose:

1. A Letter to God
2. Nelson Mandela

Poems:

1. Dust of Snow
2. Fire and Ice

Supplementary Reader: Footprints without Feet

1. A Triumph of Surgery
2. The Thief's story

Grammar:

1. Tenses
2. Modals
3. Subject - Verb Concord
4. Reported Speech

(Commands & Requests, Statements, Questions and Determiners)

Creative Writing:

1. Formal Letter Writing - (Letter to the Editor, Complaint Letter, Placing Order, Inquiry Letter Word Limit: 100 -120 words)
2. Analytical Paragraph Writing (100-120 Words) on a

given Map/ Chart/ Graph/ Cues

MATHEMATICS

Ls 1: Real Numbers

1. Fundamental Theorem of Arithmetic - Statements after reviewing work done earlier and after illustrating and motivating through examples.
2. Proofs of irrationality of $\sqrt{2}$, $\sqrt{3}$, $\sqrt{5}$.

Ls 2: Polynomials

1. Zeros of a polynomial
2. Relationship between zeros and coefficients of quadratic polynomials.

Lab Manual Activity:

- 1.1 Linear Polynomial - To obtain the zero of a linear polynomial geometrically.
- 1.2 Quadratic Polynomial - To find the zeroes of a quadratic polynomial geometrically.

Ls 3: Pair of linear equations in two variables

1. Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency.
2. Algebraic conditions for number of solutions.
3. Solution of a pair of linear equations in two variables algebraically - by substitution, by

HINDI

स्पर्श : गद्य – पाठ 1 – बड़े भाईसाहब,

पाठ 2 - डायरी का एक पन्ना

स्पर्श: पद्य – पाठ 1 कबीर, पाठ 2 - मीरा

व्याकरण - मुहावरे, , पदबंध, वाक्यरूपांतरण

लेखन - अनुच्छेद

MARATHI

1) तू बुद्धी दे (केवळ वाचनासाठी)

2) संतवाणी अ. अंकिला मी दास तुझा

3) शाल

स्थूलवाचन:- मोठे होत असलेल्या मुलांनी

व्याकरण:- शब्दांच्या जाती विकारी (4)

(नाम, सर्वनाम, विशेषण, क्रियापद)

उपयोजित लेखन:- निबंध

वाचन व आकलन:- अपठित उतारा, कविता

SOCIAL SCIENCE

History:

Section-1: Events and Processes

Ls.1- The Rise of Nationalism in Europe

Art Integration - Sketch Note-Unification of Germany & Italy.

Democratic Politics:

Ls. 1- Power sharing

Experiential learning - Compare the power sharing model of Sri Lanka and Belgium.

Geography:

Ls. 1- Resources & Development

Activity - Poster making on 'Save Resources' can be done.

Economics:

Ls.1- Development

Experiential learning - Find out the BMI of family members.

elimination. Simple situational problems.

Lab Manual Activity:

1.3 System of Linear Equations - To obtain the conditions for consistency of a system of linear equations in two variable by graphical method.

Art Integrated Activity: Plot lines representing 7 or 8 linear equations on a single graph sheet. Trace them on a OHP sheet and paint it with different colors.

PHYSICS

Physics : Ls. 10 -Light

Reflection of light, laws of reflection, spherical mirrors- an image formed its representation, sign convention, mirror formula (derivation not required), and magnification.

CHEMISTRY

Chemistry : Ls. 1: Chemical reactions and equations.

Chemical equation and its representation, word equations, chemical equations, and balancing the equations.

Types of chemical reactions: Combination, Decomposition, Displacement, Double displacement, Precipitation, Neutralization, Oxidation, and Reduction. Effects of Oxidation in everyday life- Rancidity and corrosion.

Lab Manual :

Experiment 3(A-D): To observe the action of water on quicklime, the action of heat on ferrous sulphate crystals, the reaction between iron nail and copper sulphate solution, and the reaction between sodium sulphate and barium chloride solutions and classify the reactions on the basis of its type.

BIOLOGY

Biology : Ls.5: Life processes

Life processes-Nutrition, autotrophic and heterotrophic, ways of obtaining nutrition by organisms.

Respiration in living organisms, transportation in plants and animals.

[Assignment of Portfolio work to the students: Sustainable Management of Natural Resources on any of the sub topics from the chapter-Living in harmony with nature, 5 R's, Natural resources, significance of management of natural resources, forest management, water management, water harvesting, coal and petroleum, overview of natural resources]

FINANCIAL LITERACY

Term I - History

Part I: Electronic

Commerce

Part II: Beware!

(3 sessions)

Activity: Write a Brief note on the Comparitative study on ancient trade through silk routes and modern trade on Amazon.

ART & CRAFT

Introduction

1. What is Art

2. Elements of Art

Perspective Drawing (Two-point perspective)

AI

Part A -Employability Skills-

Part A Unit-1 Communication Skills-II , Unit 2: Self-management Skills - II

Part B-Subject Specific Skills-

Unit 1: Revisiting AI Project Cycle & Ethical

MUSIC

1) School song,

2) Maharashtra Anthem

Frameworks for AI

Scratch-<https://scratch.mit.edu/> Create an account.
Watch the Scratch introduction video
Explore the different tabs like Motion, Looks, Sound, Events, Control, Sensing, Operators, Variables and see the tutorial videos.

SIGN LANGUAGE

Hello & Namaste

Teachers will make placards of the sign words to show to the students in the assembly

HEALTH & WELLNESS

Health and Physical Education

Sports Education - What is sports? Different types of sports, rules & regulations.

Yoga- Surya Namaskara

Sports and Free play- track & fields events

Theory - How to conduct test (100m run, 600m run/walk test, sit-ups, push-ups, shuttle run, vertical standing broad jump)

MORAL VALUES & ASSEMBLIES

(10th April) Special Assembly on Awakening Day: On the occasion of Mr. Pankaj Sharma Sir's birthday, Awakening Day will be celebrated.

(28th April) Innovative Assembly on the Importance of Maharashtra Day

Habit 1- Be proactive (You are in charge) and related stories.

Core Value:

1. Equality
2. Honesty

Festivals/Special day celebration assemblies: Good Friday, Ambedkar Jayanti, Ramzan Eid, Buddha Purnima.

PHYSICAL EDUCATION

1. Slow continuous jogging
2. Skipping practice
3. Step up and down
4. Calf and Hip raises

LIFESKILLS

Self-awareness



THE LEXICON SCHOOLS

Wagholi ● Hadapsar ● Kalyani Nagar)

MONTH WISE CURRICULUM - 2025-26

Class - X

JUNE 2025

ENGLISH

First Flight

Prose:

3. Two Stories about Flying

4. From the Diary of Anne Frank

5. Glimpses of India

Poems:

3. A Tiger in the Zoo

4. How to Tell Wild Animals

Supplementary Reader: Footprints without Feet

3. The Midnight Visitor

4. A Question of Trust

Grammar:

1. Tenses

2. Modals

3. Subject - Verb Concord

4. Reported Speech

(Commands & Requests, Statements, Questions and Determiners)

Creative Writing:

1. Formal Letter Writing - (Letter to the Editor, Complaint Letter, Placing Order, Inquiry Letter Word Limit: 100 -120 words)

2. Analytical Paragraph Writing (100-120 Words) on a given Map/ Chart/ Graph/ Cues

1. Creative Writing: tprints without Feet 3. The

Midnight Visitor Grammar: 1. Tenses 2. Modals 3.

Subject - Verb Concord 4. Reported Speech

(Commands & Requests, Statements, Questions

and Determiners) Creative Writing: 1. Formal

Letter Writing - (Letter to the Editor, Complaint

Letter, Placing Order, Inquiry Letter Word Limit:

100 -120 words) 2. Analytical Paragraph Writing

(100-120 Words) on a given Map/ Chart/ Graph/

Cues.

HINDI

स्पर्श : गद्य - पाठ 3 – ततारा वामिरो कथा ,

पाठ 4 – तीसरी कसम के शिल्पकार

स्पर्श: पद्य - पाठ 5 – पर्वत प्रदेश में पावस

संचयन - पाठ 1 – हरिहर काका

व्याकरण अनुच्छेद लेखन , पत्रलेखन (औपचारिक) " - सुचना

लेखन , विज्ञापन लेखन "

MARATHI

4) उपास

5) दोन दिवस (कविता)

व्याकरण:-

शब्दांच्या जाती अविकारी (4)

(क्रियाविशेषण, शब्दयोगी अव्यय, केवलप्रयोगी अव्यय, उभयान्वयी अव्यय)

उपयोजित लेखन:- कथालेखन

SOCIAL SCIENCE

History: Ls.2. Nationalism in India

Activity- Draw and compare between the Swaraj and Swadeshi flag.

Democratic Politics: Ls.2. Federalism

Activity- Draw a Go on key features of federalism

Geography:

Ls.2. Forest and Wildlife Resources

Activity- Draw GOs on Types of Species and Forests.

Ls.3 Water Resources

Activity-1. Draw a GO on showing the advantages and disadvantages of multipurpose projects, 2. Making a poster on 'Save Water'

MATHEMATICS

Ls 4: Quadratic Equations

1. Standard form of a quadratic equation $ax^2+bx+c = 0$, ($a \neq 0$).

2. Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula.

Relationship between discriminant and nature of roots.

3. Situational problems based on quadratic equations related to day-to-day activities to be incorporated.

Ls 5: Arithmetic Progression

1. Motivation for studying Arithmetic Progression

	<p>2. Derivation of the n^{th} term and sum of the first n terms of AP and their application in solving daily life problems.</p> <p>Lab Manual Activity:</p> <p>1.5 Arithmetic Progressions-I - To verify that the given sequence is an arithmetic progression by paper cutting and pasting method.</p>
<p align="center"><u>PHYSICS</u></p> <p>Physics : Ls -10 Light (Refraction)</p> <p>Lab manual:</p> <p>Experiment 10 B: Determination of the focal length of a Convex lens by obtaining the image of a distant object.</p> <p>Experiment 10 E: To Trace the path of the rays of light through a glass prism.</p>	<p align="center"><u>CHEMISTRY</u></p> <p>Chemistry : Ls 2. Acids, Bases and Salts</p> <p>Acids and their chemical properties, Compare acids and bases, Neutralization reaction between the acids and bases. Concept of pH scale, the importance of pH in everyday life, Strength of acids and bases in terms of furnishing of H^+ and OH^- ions, general properties, examples and uses of acids, bases, and salts</p> <p>Lab Manual:</p> <p>Experiment 1: To find the pH of the following samples by using the pH paper/universal indicator: (a) Dilute hydrochloric acid (b) Dilute NaOH solution (c) Dilute ethanoic acid solution (d) Lemon juice (e) Water (f) Dilute sodium hydrogen carbonate solution.</p> <p>Experiment 2A: To study the properties of an acid (HCl) by its reaction with: (a) Litmus solution (blue and red) (b) Zinc metal (c) Solid sodium carbonate</p> <p>Experiment 2B: To study the properties of a base (NaOH) by its reaction with: (a) Litmus solution (red and blue) (b) Zinc metal (c) Solid sodium carbonate</p>
<p align="center"><u>BIOLOGY</u></p> <p>Biology : Ls.5: Life processes- Excretion in plants and animals</p> <p>Ls.6: Control and Coordination</p> <p>Nervous system in animals, reflex action, Human brain-parts and their functions, tropic movement in plants, introduction of plant hormones, coordination in plants, animal hormones and their role in the body.</p> <p>Lab Manual :</p> <p>Experiment 8: To prepare a temporary mount of a leaf peel to show stomata.</p> <p>Experiment 9: To show experimentally that carbon dioxide is given out during respiration.</p>	
<p align="center"><u>AI</u></p> <p>Part B- Unit 7: Advance Python</p> <p>Scratch : Events & Loops - Using event blocks (When green flag clicked, key pressed, sprite clicked) Implementing loops (forever, repeat, repeat until), Creating a looping animation (e.g., a bouncing ball)</p>	<p align="center"><u>FINANCIAL LITERACY</u></p> <p>Term I</p> <p>Mathematics</p> <p>Trading and DEMAT Account (2 sessions)</p> <p>Political Science</p> <p>Commodity Future Market (2 sessions)</p> <p>Activity: Prepare a presentation on How the World Wide Commodities Market drives the prices and its impact on Export Import.</p>
<p align="center"><u>ART & CRAFT</u></p> <p>Still Life</p> <ol style="list-style-type: none"> 1. Still Life Composition 2. Memory Drawing 	<p align="center"><u>MUSIC</u></p> <p>Daya Kar Dan</p>

HEALTH & WELLNESS

Health and Physical Education

Social Health- Positive Use of Leisure Time

Yoga- Kapalbhathi Pranayama (steps and benefits)

Sports and Free play- football

Mass Drill and Fitness

Physical fitness test

100m run, 600m run/walk test, sit-ups, push-ups, shuttle run, vertical standing broad jump

MORAL VALUES & ASSEMBLIES

26th June: Assembly on Sustainable Development Goal - **Quality Education:** Aims to ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

Habit 2- Begin with the end in mind (Have a plan) and related stories

Core Value

1. Respect

2. Courage

Festivals/Special day celebration assemblies: Bakri Eid

SIGN LANGUAGE

Good Morning & Good afternoon

Teachers will make placards of the sign words to show to the students in the assembly.

LIFE SKILLS

Empathy mapping

PHYSICAL EDUCATION

1. Crunches
 2. Squats & Lunges
- Squat hold



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MONTH WISE CURRICULUM - 2025-26

Class - X

JULY 2025

ENGLISH

First Flight

Prose:

6. Mijbil the Otter

Poems:

5. The Ball Poem

6. Amanda!

Supplementary Reader: Footprints without Feet

5. Footprints Without Feet

Grammar:

Practice Exercises

Creative Writing: Practice Exercise

HINDI

स्पर्श : गद्य - पाठ 5- गिरगिट (ONLY FOR READING)

पाठ 6 अब कहाँ दूसरों के दुःख से, पाठ. 7 तोप

स्पर्श: पद्य -पाठ 3- दोहे (बिहारी) (ONLY FOR READING)

संचयन - पाठ 2- सपनों के से दिन

व्याकरण - समास

MARATHI

6) चुडीवाला

7) फूट प्रिंट्स

व्याकरण:- लिंग, वचन, काळ, समानार्थी -विरुद्धार्थी, वाक्यांचे प्रकार

लेखन- पत्रलेखन

MATHEMATICS

Ls 6: Triangles

Definitions, examples, counter examples of similar triangles.

1. (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio.

2. State (without proof) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side.

3. State (without proof) If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar.

4. State (without proof) If the corresponding sides of two triangles are proportional, their corresponding angles are equal and the two triangles are similar.

5. State (without proof) If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar.

Lab Manual Activity:

3.1 Basic Proportionality Theorem - To verify the Basic Proportionality Theorem using parallel line board and triangle cut outs.

Ls 7: Coordinate Geometry

1. Review: Concepts of coordinate geometry.

Distance formula. Section formula (internal division).

Lab Manual Activity:

2.1 Coordinate Geometry - To find the coordinates of

SOCIAL SCIENCE

History: Ls.3. The Making of the Global World-Unit-1

****Only Unit 1 to be assessed in the board exams.**

Activity: Discussion

on past and present trade systems.

Ls.4. Age of Industrialization-****Only to be assessed**

internally. Will not be assessed in the board exams.

Activity- Group discussion on the perspective of a factory worker during the early days of industrialization.

DP.: Ls.3. Gender, Religion and Caste

Activity- 1. Draw a poster on "Stop gender discrimination.

Geography: Ls.4. Agriculture

Activity- Group Discussion and debate on modern agricultural practices in India. Group presentation on major crops in India.

Economics: Ls.2. Sectors of the Indian economy

Activity- Cards showing various jobs from either organized or unorganized sector. Students recognize which sector these jobs belong to. Then give the reason for their answers.

LIFE SKILLS

Critical and Creative Thinking

points when a geometrical figure is transferred by moving 7 units down and 5 units to left.

Ls 8: Introduction to Trigonometry

Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined)

2. Motivate the ratios whichever are defined at 0° and 90° . Values of the trigonometric ratios of 30° , 45° and 60° .

3. Relationships between the ratios.

4. Proof and applications of the identity $\sin^2 A + \cos^2 A = 1$

5. Only simple identities to be given.

Lab Manual Activity:

4.1 Verification of Trigonometric Identities - To verify experimentally a trigonometric identity ($\sin^2 A + \cos^2 A = 1$)

PHYSICS

Physics : Ls.11 Human eye and colourful world

Structure of Human eye, power of accommodation, defects of vision and their correction

Refraction of light through a prism, atmospheric refraction, scattering of light.

Lab Manual:

Experiment 10 D: To trace the path of a ray of light passing through a rectangular glass slab for different angles of incidence and measure the angle of incidence, angle of refraction, angle of emergence and interpret the results.

CHEMISTRY

Chemistry : Ls. 2 Acids, Bases, and Salts (continued)

Preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda, and Plaster of Paris.

Ls.3 Metals and Non-Metals

Physical and chemical properties of metals and non-metals. Properties of metals and non-metals;

Reactivity series;

Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention.

Lab Manual :

Experiment 4(A-D): To observe the action Of Zinc, Iron, Copper and Aluminum metals on the aqueous solution of Zinc Sulphate (ZnSO_4), Ferrous Sulphate (FeSO_4), Copper Sulphate (CuSO_4) and Aluminum Sulphate [$\text{Al}_2(\text{SO}_4)_3$] and arrange these metals in the decreasing order of reactivity.

AI

Part A- Unit 3: Information and Communication

Technology Skills II,

Part B - Unit 2: Advanced Concepts of Modeling in AI

Scratch: Variables & User Input - Introduction to

BIOLOGY

Biology : Ls.7: How do organisms reproduce?

Reproduction in plants

Experiment 18: To identify the different parts of an embryo of a dicot seed (pea, gram, or kidney bean)

PHYSICAL EDUCATION

1. Wall Push ups
2. Bench Push ups
3. Push ups practices
4. Push ups Hold

FINANCIAL LITERACY

Term I - Economics

Benefits of Insurance

Activity: Students to write a report on the Insurance Institute of India and the Exams it conducts

English

History of Pension in India (1 session)

Activity: Students to research and write a para on the first Insurance Company of India and how it worked.

ART & CRAFT

Natural forms

1. Flower Shoot
2. Plants and Trees

variables (Creating and modifying variables)
Asking for user input using the "ask" and "answer" blocks. Creating a simple interactive program (e.g., a name-based greeting program)

HEALTH & WELLNESS

Health and Physical Education

Physical Education - National Sports awards in detail

Yoga- Sheetkari Pranayama (steps and benefits)

Sports and Free Play - Table tennis/ chess

Sports Education - What are the types of tournaments and drawings of fixtures?

MUSIC

Heal the world

MORAL VALUES & ASSEMBLIES

Habit 3- Put first things first (Work First, Then Play) and related stories

Core Value:

1. Team Spirit
2. Optimism

Festivals/Special day celebration assemblies: - As per the annual calendar

SIGN LANGUAGE

Understand & Remember

Teachers will make placards of the sign words to show to the students in the assembly.



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MONTH WISE CURRICULUM - 2025-26

Class - X

AUGUST 2025

First Flight

Prose:

7. Madam Rides the Bus

8. The Sermon at Benaras

Poems:

7. The Trees

8. Fog

Supplementary Reader: Footprints without Feet

6. The Making of a Scientist

7. The Necklace

8. Bholi

Grammar:

Practice Exercises

Creative Writing: Practice Exercise

HINDI

स्पर्श : गद्य -

पाठ 7 पतझर में टूटी पत्तियां , पाठ 8
कर चले हम फ़िदा,

स्पर्श: पद्य -

पाठ 4- मनुष्यता
T.A / श्रवण तथा वाचन कौशल
मूल्यांकन।
CBSE Portfolio

MATHEMATICS

Ls 9: Some Applications of Trigonometry

Simple problems on heights and distances. Problems should not involve more than two right triangles. Angles of elevation / depression should be only 30° , 45° , and 60° .

Lab Manual Activity:

4.2 To make a clinometer and use it to measure the height of an object.

Ls 10: Circles

Tangent to a circle at point of contact.

1. (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact.

2. (Prove) The lengths of tangents drawn from an external point to a circle are equal.

Lab Manual Activity:

3.4 Length of a Tangent to a Circle - To show that the lengths of tangents drawn from an external point to a circle

SOCIAL SCIENCE

History: Ls.5. Print Culture and the Modern World

Activity-Discuss the excitement and fear generated by new ideas spreading through print. Examples- Reformation, Political Revolutions, etc.

Democratic Politics: Ls.4. Political Parties

Activity- 1. Group presentation on the various Indian national political parties 2. Draw the party symbols of the national political parties of India in the notebook.

Geography: Ls.5. Minerals and Energy Resources

Activity- 1. Poster making to 'Save Minerals & Energy Resources, 2. Group presentation on the types of mineral and energy resources

Economics: Ls.3. Money and Credit-Unit-1,2 &3

Activity-Create a flow chart showing the process of obtaining a loan from a bank.

MARATHI

८ पाठ उर्जाशक्तीचा जागर

९ औक्षण कविता

व्याकरण:- समास

1) द्विगु 2) द्वंद्व -तीन प्रकार 3) अव्ययीभाव

PHYSICS

Physics : Ls.12 Electricity

Electric current and circuits, electric potential and potential difference, circuit diagrams.

Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors, Power, Heating Effect

Lab Manual:

Experiment 5 A: Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determining its resistance and plotting a graph between V and I.
Experiment 5 B: To determine the equivalent resistance of two resistors when connected in series and in parallel.....

BIOLOGY

Biology : Ls. 7: How do organisms reproduce?

Reproduction in Animals-Reproductive health-need and methods of family planning. Safe sex vs HIV/AIDS. Childbearing and women's health.

Ls.8: Heredity-Mendel's contribution to Genetics

Lab Manual :

Experiment 15: To study (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of permanent slides

LIFE SKILLS

Decision Making - the 5 Whys

FINANCIAL LITERACY

Term II History

Part I : Information Technology in Insurance Sector

ART & CRAFT

Decorative Art

1. Mandala Art
2. Calligraphy

CHEMISTRY

Ls.4: Carbon and its compounds (continued)

Homologous series, Nomenclature of carbon compounds.

AI

Part A- Unit 4 : Entrepreneurial Skills-II,

Part B - Unit 3: Evaluating Models ,

Unit 4: Statistical Data

Scratch: Conditional Statements & Sensing -

Using "if-else" and "wait until" conditions.

Sensing blocks (touching color, mouse-pointer).

Creating a quiz game or interactive chatbot

MUSIC

Vande Mataram

SIGN LANGUAGE

Practice & Language

Teachers will make placards of the sign words to show to the students in the assembly.

PHYSICAL EDUCATION

1. 20/30 mtrs Dash
2. Shuttle Run, High knees
3. German Drill, Fire Feet's,
- 50mtrs Sprint
4. Hips Raises 20 reps

HEALTH & WELLNESS

Health And Physical Education

Food and Nutrition - Need of dietary planning, importance

Yoga- Setu Bandhasana, Ardha Chakarasana (Steps And Benefits)

Sports and Free Play - Basketball

Mass Drill and Fitness

Fitness- types of sports training

MORAL VALUES & ASSEMBLIES

Habit 4- Think win-win (Everyone can win) and related stories

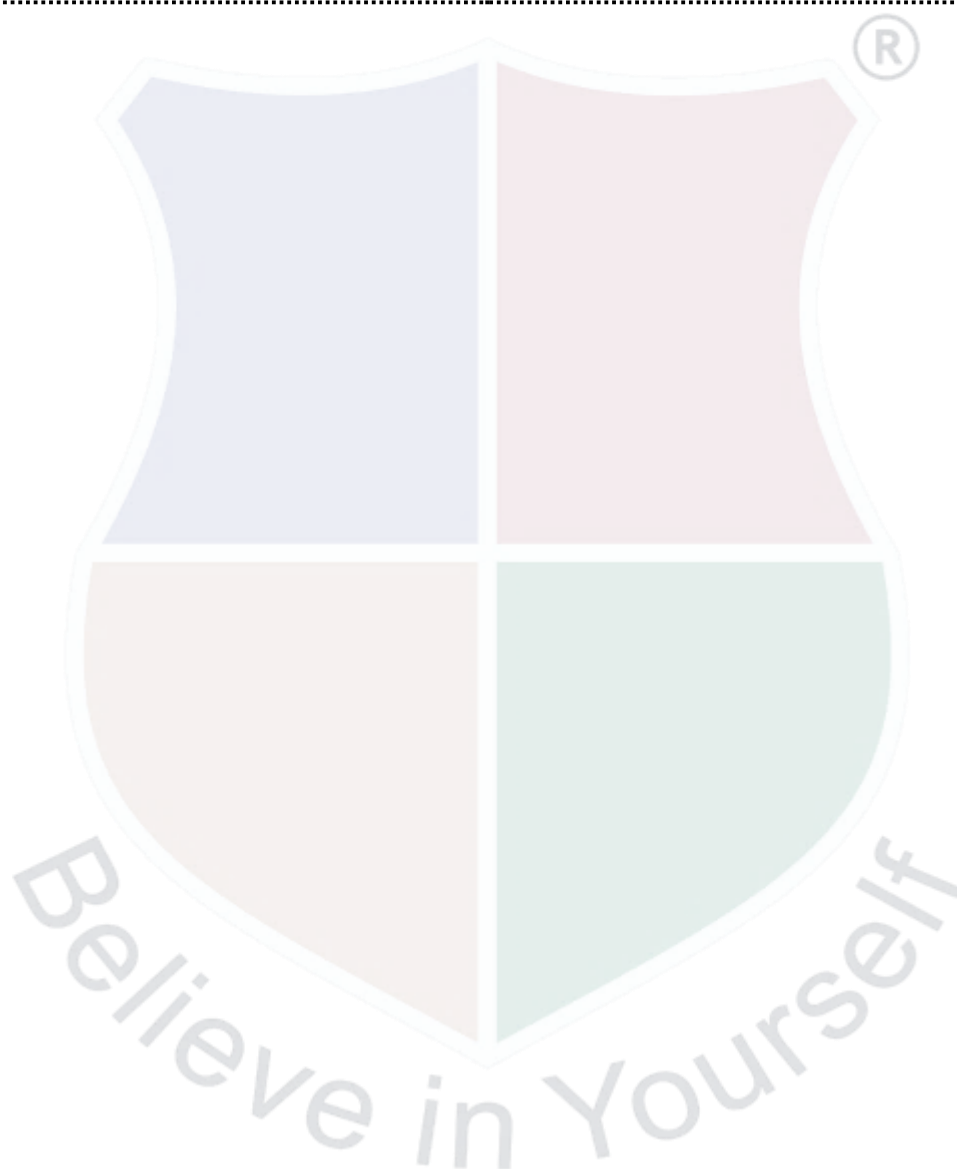
Core Value:

1. Perseverance 2.

Loyalty

Festivals/Special day celebration assemblies:

Independence Day, Parsi New Year, Onam, Raksha Bandhan





THE LEXICON SCHOOLS
(Wagholi ● Hadapsar ● Kalyani Nagar)
MONTH WISE CURRICULUM - 2025-26
Class - X

SEPTEMBER 2025

<u>ENGLISH</u>	<u>HINDI</u>
Revision	रचनात्मक लेखन- लघुकथा, औपचारिक ईमेल दोहराव T.A / श्रवण तथा वाचन कौशल मूल्यांकन।
<u>MATHEMATICS</u> Ls 11: Areas Related to Circles 1. Area of sectors and segments of a circle. 2. Problems based on areas and perimeter / circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60°, 90° and 120° only. Lab Manual Activity: 5.2 Area of Sectors formed at the Vertices of a Triangle - To verify that the sum of areas of three sectors of the same radii 'r' formed (as centre) of any triangle is $\pi r^2/2$ using paper cutting and pasting method. Ls 14: Probability 1. Classical definition of probability. 2. Simple problems on finding the probability of an event Lab Manual Activity: 6.2 Probability - To get familiar with the idea of probability of an event through a double card experiment. Revision for Half Yearly examination.	<u>MARATHI</u> १० रंग साहित्याचे प्रथम सत्र परीक्षा
	<u>SOCIAL SCIENCE</u> History: Revision Democratic Politics.: Revision Geography: Revision Economics: Ls.3. Money and Credit-Unit-4,5, 6 & 7 Activity-Highlight the benefits of microfinance and Self Help Groups.
<u>PHYSICS</u> Revision	<u>CHEMISTRY</u> Ls.4: Carbon and its compounds (continued) Homologous series, Nomenclature of carbon compounds.
<u>BIOLOGY</u> Revision Doubt Clearing Sessions	
<u>LIFE SKILLS</u>	AI

IDEAL problem solving

Part B - Unit 4: Statistical Data(Cont.), Unit 5: Computer Vision
Scratch: Storytelling & Game Development Basics. Designing a short interactive story using multiple backdrops
Incorporating sounds, voiceovers, and sprite interactions. Planning a simple game idea (e.g., Catch the Falling Objects)

FINANCIAL LITERACY

Term II Mathematics

SEBI Grievance Redressal
(1 session)

ART & CRAFT

Decorative Art

1. Mandala Art
2. Calligraphy

MUSIC

Believer

HEALTH & WELLNESS

Health And Physical Education

Food and Nutrition - Need of dietary planning, importance

Yoga- Setu Bandhasana, Ardha Chakrasana (Steps And Benefits)

Sports and Free Play - Basketball

Mass Drill and Fitness

Fitness- types of sports training

SIGN LANGUAGE

Sorry - Please

Teachers will make placards of the sign words to show to the students in the assembly.

MORAL VALUES & ASSEMBLIES

Habit 5- Seek first to understand than to be understood (Listen Before you talk) and related stories

Core Value:

1. Dignity of Labour
2. Freedom
3. Prudence

<https://www.spiritualbee.com/posts/stories-from-mother-mirra-prudence-merchant-and-vultures/>

Festivals/Special day celebration assemblies:

Janmashtami, Ganesh Chaturthi, Id-e Milad

PHYSICAL EDUCATION

1. Suryanamaskar practice
2. Plank Hold, Superman hold
3. Push up Hold, Side Plank Hold
4. Flutter Kicks Russian twist



THE LEXICON SCHOOLS

(Wagholi ● Hadapsar ● Kalyani Nagar)

MONTH WISE CURRICULUM - 2025-26

Class - X

OCTOBER 2025

ENGLISH

First Flight

Prose:

9. The Proposal

Poems:

9. The Tale of Custard the Dragon

10. For Anne Gregory

Supplementary Reader: Footprints without Feet

9. The Book that saved the Earth

Grammar:

Practice Exercises

Creative Writing: Practice Exercise

MATHEMATICS

Ls 12: Surface area and volume

1. Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones.

Lab Manual Activity:

5.5 Volume of a cylinder - To give a suggestive demonstration of the formula for the volume of a right circular cylinder in terms of its height (h) and radius (r) of the base circle.

5.8 Volume of a cone - To give a suggestive demonstration of the formula for the volume of right circular cone by an activity

5.10 Volume of a sphere - To give a suggestive demonstration of the formula for the volume of a sphere of a given radius.

Ls 13: Statistics

1. Mean, median and mode of grouped data (bimodal situation to be avoided).

Lab Manual Activity:

6.1 Statistics - To find median of given data graphically.

HINDI

स्पर्श : गद्य - पाठ 7 कारतूस

पद्य- पाठ 7) आत्मत्राण

MARATHI

१५) खरा नागरिक

16) स्वप्न करू साकार (कविता)

लेखन -जाहिरात लेखन

स्थूलवाचन:- व्युत्पत्ती कोश

आवृत्ती:-व्याकरण/ उपयोजित लेखन.

SOCIAL SCIENCE

Democratic Politics.: Ls.5. Outcomes of Democracy
Activity- Group discussions on data related to voter turnout, literacy rates, economic growth between democratic and non-democratic countries to assess social and economic outcomes.

Geography: Ls.6. Manufacturing Industries

Activity- 1. Discuss measures to ensure better quality control, adopt eco-friendly practices and promote fair trade policies. 2. Consider the ethical implication of mining and its impact on local communities.

Ls.7. Lifelines of National Economy- ****Only map work to be assessed in the board exams.**

Economics: Ls.4. Globalization and the Indian Economy-
Unit4-What is Globalization? Unit5-Factors enabling Globalization. ****Only these 2 units will be assessed in the board exams.**

Activity-Discussion on What if Globalization only benefited developing countries? Explore how this scenario could impact global economic structures, employment and wealth distribution between developed and developing countries.

Economics - Ls.4 Consumer Rights - only for Project Work

PHYSICS

Physics: Ls. 13: Magnetic Effects of Electric Current:

Magnetic field and magnetic lines, magnetic field due to the current carrying conductor-straight conductor, circular loop, solenoid, force on a current carrying conductor in a magnetic field, domestic electric circuits.

BIOLOGY

Biology : Ls.8: Heredity & Evolution-Mendel's

contribution-Laws of Inheritance of traits, Sex determination.

Ls.13 Our environment

The ecosystem and its components, food chains and webs, and human activities affect the environment. Submissions of the Journal & portfolio work assigned on Sustainable Management of natural resources.

FINANCIAL LITERACY

1. History: Term II

Part II : Insurance Ombudsman

Activity: Organise a ROLE play depicting the Role of Ombudsman in different financial institutions

2. English Term II:

Goods and Services Tax

Term II Political Science

Part I : Economic cycle Part

II : Investing in Shares

Activity: Students to research on the great depression of 1930s and the equity market in that period and present a report in less than 1000 words.

Part III : Initial Public Offerings
(4 sessions)

Track any 3 IPOs launched in the last 3 years and check their performance (IRCTC, PAYTM, LIC)

English - New Pension Scheme (1 session)

CHEMISTRY

Chemistry : Ls.4: Carbon and its compounds (continued)

Chemical properties of carbon compounds (Ethanol and Ethanoic acid), Soaps and Detergents

Lab Manual: Experiment 10: To study the following properties of acetic acid: Odour, solubility in water, effect on the litmus paper, and reaction with carbonate solution.

PHYSICAL EDUCATION

1. Lunge & Forward Bending Stretch hold

2. Tri cep & Biceps Stretch hold

3. Alternate toe touch

4. Bhujangasan & Vajrasan hold

AI

Part A- Unit 5-Green Skills II

Part B - Unit 6: Natural Language Processing

Scratch: Introduction to AI concepts using

Scratch extensions - Text-to-speech,

Speech recognition, and machine learning basics.

ART & CRAFT

Human Figure

1. Picture Composition with Figure Drawing

2. Human Face (Portraiture)- Three-quarters view

MUSIC

1) Happy Diwali

HEALTH & WELLNESS

Health And Physical Education

We And Environment- Healthy Community Living

Yoga- Virabhadrasana,Utkatasana (steps and benfits)

Sports and Free Play - Volleyball

Mass Drill and Fitness

Physical fitness test

100m run, 600m run/walk test, sit-ups, push-ups, shuttle run, vertical standing broad jump

SIGN LANGUAGE

How are you? 6:06 to 6:29)

I am fine. (6:29 to 6:53)

<https://youtu.be/VtbYvVDltvg>

MORAL VALUES & ASSEMBLIES

Habit 6: Synergize (Together is Better)

Core Value:

1. Truthfulness
2. Kindness

Festivals/Special day celebration assemblies:

Mahatma Gandhi Jyanti, Navratri, Dussehra

LIFE SKILLS

Effective Communication

MUSIC

Raag Yaman



THE LEXICON SCHOOLS

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MONTH WISE CURRICULUM - 2025-26

Class - X

NOVEMBER 2025

ENGLISH

Revision for Short Test Series

HINDI

संचयन- 3) टोपी शुक्ला
श्रवण तथा वाचन कौशल मूल्यांकन। ASL
Revision for Short Test Series

MATHEMATICS

Revision for Short Test Series

MARATHI

घटक चाचणी

BIOLOGY

Ls-15 Our Environment- Ozone depletion and waste management.

Revision for Short Test Series

SOCIAL SCIENCE

Revision & Interdisciplinary project(IDP)

PHYSICS

Revision for Short Test Series

CHEMISTRY

Revision.
Doubt Clearing Sessions.
NCERT Exemplar- Solving exercises.

AI

Revision
Scratch-
<https://scratch.mit.edu/projects/331474033/editor?tutorial=code-cartoon> .
Teacher guide : To get the information about the tutorial
<https://scratch.mit.edu/projects/editor/?tutorial=all>

FINANCIAL LITERACY

Term II - Economics
Part I - Learning To Trade
Part II - Stock Exchange and Economy
Activity: Make a list of all the Biggest Stock Exchanges around

ART & CRAFT

Creative Art

1. Illusion Art
2. T-shirt Designing

MUSIC

Happy Diwali,
Annual songs

PHYSICAL EDUCATION

1. Book Balance on one Leg.
2. Thin line walk on Toes
3. One Leg Aeroplane hold
4. Tadasan & Vrksashan

LIFE SKILLS

Interpersonal Relationship

HEALTH & WELLNESS

Health And Physical Education Safety

And Security- Common Injuries

Yoga- Kati Chakrasana, vrukshasana (steps and benefits)

Sports and Free Play - Kabaddi

Human Body - effects of exercise on the body and different tools uses in sports

SIGN LANGUAGE

Happy & Sad

Teachers will make placards of the sign words to show to the students in the assembly.

MORAL VALUES & ASSEMBLIES

Habit 7: Sharpen the Saw (Balance Feels Best)

Core Value:

1. Appreciation
2. Proactive

Festivals/Special day celebration assemblies:

Diwali, Guru Nanak Jayanti.

GRATITUDE

Week 1 - Educators strategy of noticing great things about students, making a note of them and sharing them with the students.(using sticky notes)

Week 2 - Journaling: Purpose of the exercise will be to reflect on the past few days or weeks and writing a few things children are especially grateful for

Week 3 - Reflection on gratitude: Mindfulness meditation and cultivation of a sense of self-awareness and moving to children's immediate environment

Week 4 - Gratitude meal: Children will share healthy snacks/dishes with their peers.



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MONTH WISE CURRICULUM - 2025-26

Class - X

DECEMBER 2025

<p style="text-align: center;"><u>ENGLISH</u></p> <p>Pre board and Revision</p>	<p style="text-align: center;"><u>HINDI</u></p> <p>दोहराव, पूवापरीक्षा नमूना प्रश्नपत्र हल करना नमूना प्रश्नपत्र चर्चा श्रवण तथा वाचन कौशल मूल्यांकन। श्रवण तथा वाचन कौशल मूल्यांकन।</p>
<p style="text-align: center;"><u>MATHEMATICS</u></p> <p>Revision Pre board-I</p>	<p style="text-align: center;"><u>MARATHI</u></p> <p>पूर्व परीक्षा</p>
<p style="text-align: center;"><u>BIOLOGY</u></p> <p>Revision Doubt Clearing Sessions NCERT Exemplar- Solving exercises</p>	<p style="text-align: center;"><u>SOCIAL SCIENCE</u></p> <p>Revision</p>
<p style="text-align: center;"><u>PHYSICS</u></p> <p>Revision Doubt Clearing Sessions NCERT Exemplar- Solving exercises</p>	<p style="text-align: center;"><u>CHEMISTRY</u></p> <p>Revision Doubt Clearing Sessions NCERT Exemplar- Solving exercises</p>
<p style="text-align: center;"><u>AI</u></p> <p>Pre board and Revision</p>	<p style="text-align: center;"><u>FINANCIAL LITERACY</u></p> <p>Revision</p>
<p>Feliz navidad</p>	<p style="text-align: center;"><u>ART & CRAFT</u></p> <p>Pre board and Revision</p>
<p style="text-align: center;"><u>HEALTH & WELLNESS</u></p> <p>Health And Physical Education Social Health- Community Health Yoga- Naukasana, viprit naukasana (steps and benfits) Sports and Free play - Chess</p> <p>Mass Drill and Fitness Theory on fitness - fitness components (HRPF & SRPF), track & field events</p>	<p style="text-align: center;"><u>MORAL VALUES & ASSEMBLIES</u></p> <p>Habit 8: Find your voice and inspire others to find theirs.</p> <p>Core Value: 1. Integrity 2. Kindness</p> <p>Festivals/Special day celebration assemblies: Christmas</p>
<p style="text-align: center;"><u>SIGN LANGUAGE</u></p> <p>Bright & Dark</p> <p>Teachers will make placards of the sign words to show to the students in the assembly.</p>	<p style="text-align: center;"><u>LIFE SKILLS</u></p> <p>Coping with Stress</p>



THE LEXICON SCHOOLS

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MONTH WISE CURRICULUM - 2025-26

Class - X

JANUARY 2026

<p style="text-align: center;"><u>ENGLISH</u></p> <p>Pre board and Revision</p>	<p style="text-align: center;"><u>HINDI</u></p> <p>दोहराव, पूवापरीक्षा नमूना प्रश्नपत्र हल करना नमूना प्रश्नपत्र चर्चा श्रवण तथा वाचन कौशल मूल्यांकन। श्रवण तथा वाचन कौशल मूल्यांकन।</p>
<p style="text-align: center;"><u>MATHEMATICS</u></p> <p>Revision Preboard-II</p>	<p style="text-align: center;"><u>MARATHI</u></p> <p>पूर्व परीक्षा</p>
<p style="text-align: center;"><u>BIOLOGY</u></p> <p>Revision Doubt Clearing Sessions NCERT Exemplar- Solving exercises</p>	<p style="text-align: center;"><u>SOCIAL SCIENCE</u></p> <p>Pre board and Revision</p>
<p style="text-align: center;"><u>PHYSICS</u></p> <p>Revision Doubt Clearing Sessions NCERT Exemplar- Solving exercises</p>	<p style="text-align: center;"><u>CHEMISTRY</u></p> <p>Revision Doubt Clearing Sessions NCERT Exemplar- Solving exercises</p>
<p style="text-align: center;"><u>AI</u></p> <p>Pre board and Revision</p>	<p style="text-align: center;"><u>FINANCIAL LITERACY</u></p> <p>Revision</p>
<p style="text-align: center;"><u>MUSIC</u></p> <p>Aapni Dharti Apana Ambar</p>	<p style="text-align: center;"><u>ART & CRAFT</u></p> <p>Creative Art 3. Doodle Art Animals and Birds 1. Animal Drawing</p>
<p style="text-align: center;"><u>HEALTH & WELLNESS</u></p> <p>Health And Physical Education</p> <p>Social Health- Outstanding personalities in Health and Sports Yoga- Padahasthasana, Trikonasana (steps and benefits) Sports and Free Play Volleyball Mass Drill and Fitness Fitness - 100m run, 600m run/walk test, sit-ups, push-ups, shuttle run, vertical standing broad jump</p>	<p style="text-align: center;"><u>MORAL VALUES & ASSEMBLIES</u></p> <p>Habits 1 to 8 - Revision</p> <p>Core Value: 1. Responsibility 2. Encouragement</p> <p>Teachers will make placards of the sign words to show to the students in the assembly.</p>

SIGN LANGUAGE

Yes & No (1:56
to 2:26)

<https://youtu.be/-Eh3ktA52jw>

LIFE SKILLS

Managing Emotions

PHYSICAL EDUCATION

1. Weight / Height Measurement
2. BMI Calculation





THE LEXICON SCHOOLS

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MONTH WISE CURRICULUM - 2024-25

Class - X FEBRUARY 2025

MORAL VALUES & ASSEMBLIES

Habits 1 to 8 - Revision

Core Value:

1. Innovation
2. Dedication

Festivals/Special day celebration assemblies: Vasant Panchami, Shivaji Jayanti

SIGN LANGUAGE

Easy & Difficult

Teachers will make placards of the sign words to show to the students in the assembly.

GRATITUDE

Gratitude towards everything:

Make a Gratitude Tree (trunk and branches) and place it in the corridor. Give leaves (different shades of green) to the students. Ask the students to write down 3 things that they are most thankful for in A.Y.

2023-24 and help them to staple these leaves on the branches. In this activity, only one tree should be made and placed in the corridor on every floor. Please conduct this activity for all the classes (irrespective of their grade) belonging to that particular floor. This activity can be conducted spread all through the week. Please maintain it till the final report card day (for the parents to read and experience the humbleness of their children).

Please refer to the images: <https://www.pinterest.com/pin/443112050808647092/> and <https://www.pinterest.com/pin/29977153760880555/>

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SEWA

(SOCIAL EMPOWERMENT FOR WORK AND ACTION)

TERM I

1. Plant and save trees: Go green
2. Swachh Bharat Abhiyan

TERM II

1. Creating awareness on Climate Change
2. Road Safety awareness: Live & Let Live.

MANAGEMENT SKILLS

TERM I

1. Why is it important to spread awareness on food habits?
2. Maintaining books.

TERM II

1. How can we help the distressed people who have been rescued from a flooded area?
2. Stress Management