



THE LEXICON SCHOOLS

(Wagholi ● Hadapsar ● Kalyani Nagar)

MONTH WISE CURRICULUM - 2025-26

Class - IX



APRIL 2025

ENGLISH

Literature - Beehive

Prose: 1. The Fun They Had

2. The Sound of Music

Poetry: 1. The Road Not Taken

2. Wind

Art Integration - Portrait of a mechanical teacher

Creative Writing - Story Writing

MARATHI

1) सर्वात्मका शिव सुंदरा (प्रार्थना) (केवळ वाचनासाठी)

2) संतवाणी - अ. संतकृपा झाली.

व्याकरण:- शब्दांच्या जाती - नाम, सर्वनाम, क्रियापद, विशेषण

उपयोजित लेखन:- निबंध-वर्णनात्मक

वाचन व आकलन:- अपठित उतारा, कविता

उपक्रम:- संत नामदेवांचे चित्र चिटकून दहा ओळी माहिती लिहा

ARTIFICIAL INTELLIGENCE

Part A Unit-1 Communication Skills

Part B Unit 1 AI Reflection, Project Cycle and Ethics

1.1: Understanding AI: Domains and Applications

Create an account. Watch the Scratch introduction video

Scratch-<https://scratch.mit.edu/>

Explore the different tabs like Motion, Looks, Sound, Events, Control, Sensing, Operators, Variables and see the tutorial videos.

BIOLOGY

Ls.5: The Fundamental Unit of Life

Cell-Structural organization of a cell, the function of various components of a cell.

Compare and contrast Prokaryotic and Eukaryotic cells, Plant and animal cells, and Cell division.

Laboratory Manual :

Experiment 4A & B: To prepare a stained temporary mount of onion peel (plant cell) and human cheek cell animal cell), record observations, and draw a labelled diagram.

Assessment of the Portfolio-Ls-12 Improvement in food resource (sub topics of Organic farming, carbon footprints, different revolutions, animal husbandry practices, different irrigation practices, different cropping patterns)

HINDI

स्पर्श - गद्य -दुःख का अधिकार (लेखक-यशपाल)

एवरेस्ट : मेरी शिखर यात्रा, पद्य -रैदास पद

संचयन - गिल्लू TA

MATHEMATICS

Ls 1: Number System

1. Review of representation of natural numbers, integers, rational numbers on the number line. Representation of terminating/non-terminating recurring decimals on the number line through successive magnification, Rational numbers as recurring/ terminating decimals. Operations on real numbers.

2. Examples of non-recurring/nonterminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$, $\sqrt{3}$ and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number.

3. Definition of nth root of a real number.

4. Rationalization (with precise meaning) of real numbers of the type $\frac{1}{a+b\sqrt{x}}$ and $\frac{1}{\sqrt{x}+\sqrt{y}}$ (and their combinations),

where x and y are natural numbers and a and b are integers.

5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)

Lab Manual Activity: 1.1 To obtain a Square Root Spiral using graduated strips.

Art Integrated Activity: Construction of Artistic Spiral Square Root

Ls 2: Polynomials

1. Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial.

2. Degree of a polynomial.

3. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples.

4. Zeroes of a polynomial.

5. Motivate and State the Remainder Theorem with examples.

6. Statement and proof of the Factor Theorem. Factorization of $ax^2 + bx + c$, $a \neq 0$ where a , b and c are real numbers, and of cubic polynomials using the Factor theorem.

7. Recall of algebraic expressions and identities. Verification of identities:

$$(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$$

$$(x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y)$$

$$x^3 + y^3 = (x + y)(x^2 - xy + y^2)$$

$$x^3 - y^3 = (x - y)(x^2 + xy + y^2)$$

$$x^3 + y^3 + z^3 - 3xyz = (x + y + z)(x^2 + y^2 + z^2 - xy - yz - zx)$$

and their use in factorization of polynomials.

Lab Manual Activity: Verify the algebraic identities - (2.1, 2.2, 2.3, 2.4) Using chart paper cutouts.

<p align="center"><u>PHYSICS</u></p> <p>Physics : Ls. 7- Motion State of Rest and Motion, Uniform and Non-Uniform Motion, Distance and Displacement, Speed and Velocity, Acceleration, Equations of Motion, Graphical Representation of Motion, Uniform Circular Motion Find out more about the Motion of planets(speed)</p>	<p align="center"><u>SOCIAL SCIENCE</u></p> <p>History: Section 1- Events and Process Ch.1.The French Revolution-Unit-1,2,3,4,5& 6 Activity: - Make an innovative poster on basic rights of equality developed through the French Revolution. Democratic Politics. - Ch.1. What is Democracy? Why Democracy? Activity: - Debate on the merits and demerits of democracy with examples of various countries. Geography: Ch.1. India size and Location Activity: - Map Skills representation of India's states, Union Territories and their capitals.</p>
<p align="center"><u>CHEMISTRY</u></p> <p>Chemistry : Ls.1: Matter in our surroundings. Physical nature of matter, characteristics of the particles of matter, states of matter and inter-conversion of the states of matter using temperature and pressure. Evaporation and the factors affecting it.</p>	<p align="center"><u>FINANCIAL LITERACY</u></p> <p>Term I - History Investment (types of investment) Part II : Financial Sector Reforms and Opening of Insurance Market (3 sessions) Activity: Visit your nearest post office to know the various investment schemes</p>
<p align="center"><u>HEALTH & WELLNESS</u></p> <p>Health and physical education Human Body - What is Physical education? objectives, need and it's importance Yoga- Ujjayi Pranayama (steps and benefits) Sports and Free Play- badminton/chess Mass Drill and Fitness March Past : Preparation for 15th August</p>	<p align="center"><u>ART & CRAFT</u></p> <p>Introduction 1. What is Art 2. Elements of Art Perspective Drawing (One-point perspective)</p>
<p align="center"><u>MORAL VALUES & ASSEMBLIES</u></p> <p>(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.</p>	<p align="center"><u>SIGN LANGUAGE</u></p> <p>Hello & Namaste 3. Teachers will make placards of the sign words to show to the students in the assembly.</p>
<p align="center"><u>CORE VALUE:</u></p> <p>1.Equality 2.Honesty Festivals/Special day celebration assemblies: Good Friday,Ambedkar Jayanti,Ramzan Eid,Buddha Purnima.</p>	<p align="center"><u>PHYSICAL EDUCATION</u></p> <p>1. Slow continuous jogging 2. Skipping practice 3. Step up and down 4. calf and Hip raises</p>
<p align="center"><u>MUSIC</u></p> <p>School song, Maharashtra Anthem</p>	<p align="center"><u>LIFESKILLS</u></p> <p>Self-awareness SWOT analysis</p>



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JUNE 2025

ENGLISH

Literature - Beehive Prose: 3. The Little Girl
Poetry: 3. Rain on the Roof
4. The Lake Isle of Innisfree
Supplementary Reader - Moments
1. The Lost Child
Activity - (Thinking Hat - White Hat - Collecting facts)-
List out the things that a 7/8 year old child should have when they leave their house
Grammar:
1. Reported Speech, Modals, Subject-Verb Concord, Determiners.

Creative Writing:
1. Diary Writing

SOCIAL SCIENCE

Democratic Politics:- Ch- 2 Constitutional Design
Activity: - Paste pictures of prominent figures of our Constitution assembly makers with their aims.
Geography Ch.1:- Continuation as India's neighbours with Map Skill.
Geography: Ch.2:- Physical features of India
Activity: - 1. Group activity: Represent all the physical features of India on an A3 size sheet with color clay.
2. Represent all the physical features with their subtopics in a format of G.O.
Economics: Ch.1:- The story of village Palampur. Importance of Land, Labour and capital in village economy.
Activity:1. Make an innovative G.O. - How a village could be connected with the nearest city/town with various
Activity:2. Various farming methods as GO. Various Farming and non- Farming activities and their interdependence.

HINDI

स्पर्श-पद्य- दोहे रहीम, संचयन - स्मृति
व्याकरण- अनुस्वार, अनुनासिक, उपसर्ग प्रत्यय, शब्द और पद,
लेखन-पत्र, अनुच्छेद
गतिविधियाँ एवं परियोजना कार्य - एवरेस्ट शिखर का
पाठाधारित मानचित्र तैयार करना ।
TA

MATHEMATICS

Ls 3: Coordinate Geometry
1. The Cartesian plane, coordinates of a point 2. Names and terms associated with the coordinate plane, notations.

For Formative Assessment:
Plotting points in the plane.

Lab Manual Activity: 3.1 To obtain mirror image of a figure with respect to a given line on a graph paper.
Art Integrated Activity: To plot the points and draw polygon out of those points.

Ls 4: Linear Equations in 2 Variables
1. Recall of linear equations in one variable.
2. Introduction to the equation in two variables. Focus on linear equations of the type $ax + by + c = 0$.
Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line.

For Formative Assessment:
1. Graph of linear equations in two variables. 2. Examples, problems from real life, including problems on Ratio and Proportion and with algebraic and graphical solutions being done simultaneously.

Lab Manual Activity: 2.7 To represent a linear equation in two variables graphically.

MARATHI

3) बेटा मी ऐकतो आहे
4) जी. आय. पी. रेल्वे
व्याकरण:- शब्दांच्या जाती- क्रियाविशेषण, शब्दयोगी अव्यय,
उपयोजित लेखन:- निबंध -कल्पनात्मक
उपक्रम:- भारतीय रेल्वचा इतिहास थोडक्यात लिहा

PHYSICS

LS.8: Force and Laws of Motion

Concept of force, Balanced and unbalanced Forces, Laws of Motion: First Law of Motion, Inertia, and Mass., Second Law of Motion.

BIOLOGY

LS.6: Tissues

Plant tissues: Meristematic and permanent tissues, simple and complex permanent tissues.

Lab Manual:

Experiment 5A: To identify parenchyma, collenchyma, and sclerenchyma tissues in plants from prepared slides and draw well-labelled diagrams.

ARTIFICIAL INTELLIGENCE

Part A - Unit 2-Self-Management Skills-I

Part B Unit 1. AI Reflection, Project Cycle and Ethics

1.2.1 -AI The AI Project Cycle- II (till Problem Scoping) and 1.3- Ethics and Morality

Unit 5. Introduction to Python

● Introduction to Python language ● Introducing python programming and its applications

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)

CHEMISTRY

Chemistry : Ls- 2: Is matter around us pure

Difference between Compound and Mixture, Mixtures and various types of mixtures-Solutions, Suspensions and colloids and their characteristics, finding out the concentration of the solution, Homogeneous and Heterogeneous mixtures.

Lab Manual: Experiment 1 : True solution, suspension and Colloids

Experiment 4 : Physical and Chemical Changes

Experiment 7: To determine the water's boiling point and ice's melting point.

HEALTH & WELLNESS

Health And Physical Education

Human Body- What is fitness, growth and development

Yoga

Halasana, ardha-matsyendrasana (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

March Past

Preparation for 15th August

FINANCIAL LITERACY

Term I - English

Risk and Protection

(1 session)

Activity:

Paint a poster with the theme 'Insurance as an Umbrella'

MUSIC

Daya Kar Dan

ART & CRAFT

Still Life

1. Still Life Composition

2. Objects around us

SIGN LANGUAGE

Good Morning & Good afternoon

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

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

PHYSICAL EDUCATION

1. Crunches

2. Squats & Lunges

3. Squat hold

LIFE SKILLS

Empathy mapping



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JULY 2025

ENGLISH

Literature - Beehive

Prose:

4. A Truly Beautiful Mind

Supplementary Reader - Moments 2. The Adventures of Toto - Activity - Enact the Character

3. Iswaran, The Story Teller

Activity(Thinking hat- Blue hat process - organisation of ideas) - Suggest a different ending for the story

Grammar:

1. Tenses

Creative Writing:

1. Descriptive Writing

MATHEMATICS

Ls 5: Introduction to Euclid's Geometry

1. History - Geometry in India and Euclid's geometry.

Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, axioms/postulates and theorems.

2. The five postulates of Euclid. Equivalent versions of the fifth postulate. Showing the relationship between axiom and theorem, for example:

(a) Given two distinct points, there exists one and only one line through them. (Axiom)

(b) (Prove) Two distinct lines cannot have more than one point in common. (Theorem)

HINDI

स्पर्श- गद्य - तुम कब जाओगे अथिति?, वैज्ञानिक चेतना के वाहक

श्रवण एवं वाचन कौशल

लेखन- संवाद लेखन, लेखन- चित्र वर्णन

गतिविधियाँ एवं परियोजना कार्य -स्पर्श और संचयन

किताब से अनुस्वार और अनुनासिक के उदाहरण

ढूँढकर भित्तिपत्रक बनाए।

TA

MARATHI

5) व्यायामाचे महत्त्व

6) ऑलिंपिक वर्तुळाचा गोफ

व्याकरण:- लिंग, वचन, काळ

उपयोजित लेखन:- पत्रलेखन - मागणीपत्र

उपक्रम:- योगाच्या कोणत्याही एका प्रकारची माहिती लिहा

Lab Manual Activity:

4.1 Mid-point and Perpendicular Bisector of a Line Segment

To find the following by using paper folding:

- the mid-point of a line segment and the perpendicular bisector of a line segment.
- the perpendicular to a line at a point given on the line.
- the perpendicular to a line from a point given outside it.

Ls 6: Lines and Angles

- (State without proof) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse.
- (Prove) If two lines intersect, vertically opposite angles are equal.
- (State without proof) Lines which are parallel to a given line are parallel.

For Formative Assessment:

- (State without proof) Results on corresponding angles, alternate angles, interior angles when a transversal intersects two parallel lines.
- (Prove) The sum of the angles of a triangle is 180° .
- (State without proof) If a side of a triangle is produced, the exterior angle so formed is equal to the sum of the two interior opposite angles.

Lab Manual Activity:

4.3 To show that if two parallel lines are intersected by a transversal, then

- each pair of corresponding angles are equal.
- each pair of alternate angles are equal.
- each pair of interior angles on the same side of the transversal are supplementary.

Revision for the Periodic Test 1 Assessments.

SOCIAL SCIENCE

Periodic Assessment-1

Geography:Ch- 2:-Continuation:- Physical

Features:- Peninsular Plateau, Indian Desert

, Indian Coastal Regions & Island Regions with Map Skill.

Democratic Politics:

Ls.3- Electoral Politics (Introduction, Why Elections, System of Elections)

History:

Section-1: Events and Processes

Ls.2- Socialism in Europe & the Russian

Revolution (Sub Unit 1,2,3,4& 5)

PHYSICS

Physics : Ls.8: Force and Laws of motion(Continuation- third law of motion)

Revision for PT-1

Lab Manual :

Experiment 9- Mass and Density

CHEMISTRY

Chemistry : Ls.3: Atoms and Molecules.

Laws of chemical combination, concept of atoms, molecules and ions, Atomicity, Atomic mass.

Lab Manual :

Experiment 14: To verify the law of conservation of mass in a chemical reaction.

BIOLOGY

Biology : Ls.6: Tissues (Continued)

Animal tissues-Epithelial, connective, Muscular, and Nervous tissues.

Lab Manual:

Experiment 5B: To identify striped (striated), smooth (un-striated), cardiac muscle fibres, and nerve cells in animals from the permanent slides and draw well-labeled diagrams.

ARTIFICIAL INTELLIGENCE

Part A - Unit 3: Information and Communication Technology Skills

Part B - Unit .1 AI Reflection, Project Cycle and Ethics

1.2.2 - Data Acquisition

Unit 5. Introduction to Python

Variables, Arithmetic Operators, Expressions, Comparison Operators, logical operators, Assignment Operators, Data Types - integer, float, strings, type conversion, using print() and input() functions

Students will try some simple problem-solving exercises on Python Compiler

Scratch: Variables & User Input - Introduction to 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)

FINANCIAL LITERACY

Term I - Mathematics

Insurance Terminology

Scramble (1 session)

Activity: Word Boggle with Insurance Glossary

ART & CRAFT

Natural forms

1. Flower Shoot

2. Plants and Trees

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

HEALTH & WELLNESS

Health and physical education

Food and nutrition - what is food?

Needs, importance and diet

Yoga- Bhastrika Pranayama (steps and benefits)

Sports and Free Play - Track & field -

Mass Drill and

Fitness March

Past

Preparation for 15th August

LIFE SKILLS

Critical and Creative Thinking

SIGN LANGUAGE

Understand & Remember

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

PHYSICAL EDUCATION

1. Wall Push ups

2. Bench Push ups

3. Push ups practices

4. Push ups Hold



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AUGUST 2025

ENGLISH

Literature - Beehive

Prose:

5. The Snake and the Mirror

Poetry:

5. A Legend of the Northland

Supplementary Reader - Moments

4. The Kingdom of Fools

Activity - Flip Classroom

HINDI

संचयन - कल्लू कुम्हार की उनाकोटी

व्याकरण - अर्थ के आधार पर वाक्य के भेद,

गतिविधियाँ एवं परियोजना कार्य -

तुम कब जाओगे अतिथि पाठ पर छोटी-सी नाटिका सादर करे।

CBSE Portfolio

श्रवन एवं वाचन कौशल

TA

MATHEMATICS

Ls 7: Triangles

1. (State without proof) Two triangles are congruent if any two sides and the included angle of one triangle is equal (respectively) to any two sides and the included angle of the other triangle (SAS Congruence).

2. (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal (respectively) to any two angles and the included side of the other triangle (ASA Congruence).

3. (State without proof) Two triangles are congruent if the three sides of one triangle are equal (respectively) to three sides of the other triangle (SSS Congruence).

4. (State without proof) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence).

5. (Prove) The angles opposite to equal sides of a triangle are equal. 6. (State without proof) The sides opposite to equal angles of a triangle are equal.

For Formative Assessment:

(State without proof) Triangle inequalities and relation between 'angle and facing side' inequalities in triangles.

Lab Manual Activity

4.9 Congruent Triangles

To explore criteria for congruency of triangles, using some cut-outs of triangle

4.4 Inequality relation in a Triangle

To verify that:

(i) The sum of any two sides of a triangle is always greater than the third side

MARATHI

7) दिव्याच्या शोधामागचे दिव्य

8) सखू आजी

स्थूलवाचन: - व्हेनिस

व्याकरण : - वाक्यांचे प्रकार – आज्ञार्थी, विधानार्थी, उद्गारवाचक

उपयोजित लेखन: - निबंध - मनोगत

उपक्रम: - तुमच्या आवडत्या शहराची माहिती थोडक्यात सांगा

(ii) The difference of any two sides of a triangle is always less than the third side.

SOCIAL SCIENCE

History: Section 1- Events and Process

Ch.2. Socialism in Europe and the Russian Revolution- S. Unit-6

Activity: - 1. Find and stick pictures of Vladimir Lenin and Joseph Stalin. Throw light on their concepts of capitalism and Socialism.

Geography Ch- 2 Group Activity: -Represent all the physical features of India on A3 size sheet with colour and clay.

Geography: Ch.3:-Drainage (Concept, Drainage Systems in India, The Himalayan Rivers)

Activity: -As Map Skill: - On an India Political Map mark The Himalayan Rivers and The Peninsular Rivers with 2-2 tributaries.

Democratic Politics.: -Ch.3. Electoral Politics.

Activity: - In the form of a Flow Chart: List out the important events that take place before the Lok Sabha elections.

Economics:

Ch.2- People as Resources (Quality of Population, Unemployment).

Economics: Ch.2. People as Resource- To be completed

CHEMISTRY

Chemistry: Ls. 3: Atoms and Molecules (continued)

Formulating chemical formulae, Molecular mass

Investigation: Arrangement of Elements in the Modern Periodic Table.

ART & CRAFT

Natural Forms

1.Water Bodies (Seascape)

2.Mountainous Scenery

ARTIFICIAL INTELLIGENCE

Part A - Unit 3: Information and Communication

Technology Skills

Part B - Unit 1 AI Reflection, Project Cycle and Ethics

AI Project Cycle (1.2.3 - Data Exploration & and 1.2.4-Modelling)

Unit 5. Introduction to Python

Variables, Arithmetic Operators, Expressions,

Comparison Operators, logical operators, Assignment

Operators, Data Types - integer, float, strings, type

conversion, using print() and input() functions

Students will try some simple problem-solving

exercises on Python Compiler (Continued)

Scratch-

Students can plan backdrops for the story and lead

different sprites in Scratch. Students will gain

experience with coding loops and variables.

<https://scratch.mit.edu/projects/331474033/editor?tutorial=code-cartoon>

PHYSICS

Physics: Ls 9: Gravitation (weight of the object on the surface of the moon)

Lab manual:

Experiment -10 Buoyancy and Archimedes principle

BIOLOGY

Biology: Revision for the Assessment. Health and

Diseases: Health and its failure. Infectious and Non-infectious diseases, their causes and manifestation.

Diseases caused by microbes (Virus, Bacteria and Protozoans) and their prevention; Principles of

treatment and prevention. Pulse Polio

Programmes.(This topic is included in the syllabus but

will be assessed only formatively to reinforce

understanding without adding to summative assessments)

[Submissions of Portfolio Work assigned]

MUSIC

Vande Mataram

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

LIFE SKILLS

Decision Making - the 5 Whys

FINANCIAL LITERACY

Term I - Political Science

PAN Card and Aadhar Card (1 session)

Economics

Part I: RBI: Central Bank

Part II: Budgeting (3 sessions)

Activity:

Brainstorm 5 places where you need your ID proof and make a list of those on a chart paper.

HEALTH & WELLNESS

Health And Physical Education

Human Body: What is Illness and Disease? Why and how do we fall ill?

Yoga - Kapalbhati Pranayama (steps and benefits)

Sports and Free Play- Basketball

Mass Drill and Fitness

March Past

Preparation for 15th August

SIGN LANGUAGE

Practice & Language

Teachers will create placards with the sign words to display to the students during the assembly.

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



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Class - IX

SEPTEMBER 2025

ENGLISH

Literature - Beehive Prose: ----
Poetry: --
Supplementary Reader - Moments
5. The Happy Prince
Revision for Half Yearly Assessment

HINDI

व्याकरण- विराम चिह्न,संधि (स्वर संधि)
संधि (स्वर संधि)

MATHEMATICS

Revision for the Assessments.

MARATHI

Revision

SOCIAL SCIENCE

History: Revision
History: Section 1- Events and Process
Ch.3. Nazism and The rise of Hitler- Unit-1
Democratic Politics.: Revision
Geography: Revision
Economics: Revision

PHYSICS

LS - 9 Gravitation (Continuation)
Revision

CHEMISTRY

Revision for the Assessments.

BIOLOGY

Revision for the Assessments.

ARTIFICIAL INTELLIGENCE

Part A - Unit 4 Entrepreneurship Skills
Part B - Unit 1 AI Reflection, Project Cycle and Ethics
AI Project Cycle (1.2.5: Evaluation and 1.2.6: Deployment)

Scratch-

<https://scratch.mit.edu/projects/editor/?tutorial=make-it-fly>

Glide around and Make it Fly . Students can plan and lead different sprites in Scratch. Students will gain experience with coding loops and variables.

FINANCIAL LITERACY

Term II - History
Source of Funds (2 sessions)

Activity:

Directions: Choose 5 companies that you might be interested in investing in. These can be companies that you like or just random companies. After choosing the company keep monitoring the value of their stocks a year ago, 3 months ago, 1 month ago, 5 days ago and of the present day. Observe the trend of the stock. At the end, you need to have to decide whether you think the company would be a good investment opportunity or not. Is it Constantly going up? Down? Inconsistent?

ART & CRAFT

Decorative Art

1. Rangoli Design
2. Calligraphy

MUSIC

Believer

PHYSICAL EDUCATION

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

LIFE SKILLS

IDEAL problem solving

SIGN LANGUAGE

Sorry - Please

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

HEALTH & WELLNESS

Health and physical education

We And Environment- Water and hygiene sanitation

Yoga- Paschimotanasana, Gomukhasana (steps and benefits)

Sports and Free Play - Volleyball

Mass Drill and Fitness

March Past

Preparation for 26th January

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





THE LEXICON SCHOOLS

(Wagholi ● Hadapsar ● Kalyani Nagar)

MONTH WISE CURRICULUM - 2025-26

Class - IX

OCTOBER 2025

ENGLISH

Literature - Beehive Prose:

6. My Childhood - A Chart with Kalam's inspiring quotes and achievements

7. Reach for the Top

Poetry:

6. No Men are Foreign

MATHEMATICS

Ls 8: Quadrilaterals

1. (Prove) The diagonal divides a parallelogram into two congruent triangles.
2. (State without proof) In a parallelogram opposite sides are equal, and conversely.
3. (State without proof) In a parallelogram opposite angles are equal, and conversely.
4. (State without proof) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.
5. (State without proof) In a parallelogram, the diagonals bisect each other and conversely.
6. (State without proof) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and is half of it and (State without proof) its converse.

For Formative Assessment:

Review concept of area, recall area of a rectangle.

1. (Prove) Parallelograms on the same base and between the same parallels have equal area.
2. (State without proof) Triangles on the same base (or equal bases) and between the same parallels are equal in area.

4.6 Mid-point Theorem

To show that the line segment joining the mid-points of any two sides of a triangle is parallel to the third side and is equal to half of it.

4.11 Quadrilaterals

To show that the quadrilateral formed by joining the mid-points of the adjacent sides of a quadrilateral is a parallelogram.

4.12 Area of Parallelograms on the same base and between same Parallels.

To show that the parallelograms on the same base and between the same parallel lines are equal in area by paper cutting and pasting.

HINDI

स्पर्श-पद्म-अग्निपथ

संचयन- मेरा छोटा सा निजी पुस्तकालय

TA

अपनी प्रिय पुस्तक की समीक्षा

MARATHI

9) उजाड उघडे माळरानही

10) कुलूप

11) आभाळातल्या पाऊलवाटा

व्याकरण:- समानार्थी - विरुद्धार्थी शब्द

समास - अव्ययीभाव, द्विगु समास

उपयोजित लेखन:- कथालेखन

उपक्रम:- वसंत ऋतूची माहिती चित्रासहीत दहा ओळीत लिहा

SOCIAL SCIENCE

History: Section 1- Events and Process
Ch.3. Nazism and The rise of Hitler- Unit-1,2&3
Activity: - 1. Make a timeline on the life of Hitler.
Democratic Politics.: Ch.4. Working of Institutions- Unit-1,2&3
Activity: - Representation of Mock Parliament Assembly on assigned topics.
Geography: Ch.4. Climate- Factors affecting climate
Activity: - 1. Map Skill on Annual Rainfall.
Economics: Ch.3. Poverty as Challenge- Inter-state disparity
Activity: - 1. List down various anti-poverty measure schemes by the government of India along with their logos and the aim of the scheme to eradicate poverty.

BIOLOGY

Biology : Ls.12: Improvement in food resources
Plant and animal breeding and selection for quality improvement and management, use of fertilizers and manures, protection from pests and diseases, organic farming.

LIFE SKILLS

Effective Communication

FINANCIAL LITERACY

Term II - English

Natural Disasters (1 session)

Activity: Analyse the loss in different areas involved in the earthquake that happened in Turkey on 6th February 2023. Suggest a list of insurance covers that might have helped the victims to withstand the after effects of the disasters.

HEALTH & WELLNESS

Health And Physical Education

We And Environment- What is Waste segregation management? What is recycling?

Yoga

Suryanamaskar asana (steps and benefits)

Sports and Free Play- Kabaddi

Mass Drill and Fitness

March Past

Preparation for 26th January

PHYSICAL EDUCATION

1. Lunge & Forward Bending Stretch hold
2. Tri cep & Biceps Stretch hold
3. Alternate toe touch
4. Bhujangasan & Vajrasan hold

PHYSICS

Physics : Ls.10: Work and Energy (Till Definition of Potential Energy)

Lab Manual

Experiment 8:Verification of the Laws of reflection of Sound

a) Inquiry on: Compare the Gravitational Pull of Different Planets and Satellites.

CHEMISTRY

Chemistry : Ls.4: Structure of an atom

Charged particles in matter, structure of an atom, Thompson's model of an atom, Rutherford's model of an atom, Rutherford's scattering of alpha particles experiment and its drawbacks.

ART & CRAFT

Human Figure

1. Picture Composition with Figure Drawing
Human Face (Portraiture)- Frontal and Profile view)

MUSIC

Raag Yaman

ARTIFICIAL INTELLIGENCE

Part B - Unit 2 - Data Literacy:

Unit 5. Introduction to Python

Flow of control and conditions (if-else)

Scratch: Conditional Statements & Sensing - Using "if-else" and "wait until" conditions
Sensing blocks (touching color, mouse-pointer).
Creating a quiz game or interactive chatbot

SIGN LANGUAGE

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

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

<https://youtu.be/VtbYvVDItvg>

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



THE LEXICON SCHOOLS
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MONTH WISE CURRICULUM - 2025-26
Class - IX

NOVEMBER 2025

ENGLISH

Literature - Beehive Prose: --

Poetry:

7. On killing a Tree - Activity - Reverse Key -

Students will describe water pollution using reverse key

Supplementary Reader - Moments

6. The Last Leaf - Activity - Flip Classroom

MATHEMATICS

Ls 9: Circles

1. (Prove) Equal chords of a circle subtend equal angles at the center and (State without proof) its converse.
2. (State without proof) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord.
3. (State without proof) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely.
4. (Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle.
5. (State without proof) Angles in the same segment of a circle are equal.
6. (State without proof) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.
7. (State without proof) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.

For Formative Assessment:

1. Through examples, arrive at definition of circle and related concepts-radius, circumference, diameter, chord, arc, secant, sector, segment, subtended angle.
2. (State without proof) There is one and only one circle passing through three given non-collinear points.
3. Construction of bisectors of line segments and angles of measure 60° , 90° , 45° etc., equilateral triangles.
4. Construction of a triangle given its base, sum/difference of the other two sides and one base angle.

HINDI

स्पर्श- गद्य - शुक्र तारे के सामान

स्पर्श- पद्य- गीत अगीत

दोहराव पद्य एवं गद्य

TA

MARATHI

12) पुन्हा एकदा

13) तिफन (कविता)

व्याकरण - शब्दांच्या जाती समास- द्वंद्व समास उपप्रकार समास

लेखन - पत्रलेखन -तक्रारपत्र, जाहिरात लेखन

उपक्रम - तुम्हाला माहित असलेल्या कोणत्याही एका शेती

अवजारांची माहिती दहा ओळीत लिहा

BIOLOGY

Revision of the concepts and doubt-clearing sessions.

[Submissions of Portfolio Work assigned on Ls. 12
Improvement in food resources]

Art Integrated Activity: Making a circular geo-board and displaying the properties of circle with threads or colourful ribbons on it.

Ls 10: Heron's Formula

1. Area of a triangle using Heron's formula (without proof)

For Formative Assessment:

Application of Heron's formula in finding the area of a quadrilateral.

Art Integrated Activity: To find the area of a triangular shaped food item by using Heron's formula.

PHYSICS

Ls 10 Work and Energy-(Continuation)

Lab manual:

Experiment 11B : Determination of speed of longitudinal pulse

CHEMISTRY

Ls.4: Structure of an atom (continued)

Bohr's model atom, the discovery of neutrons, distribution of electrons in the orbits/shells, Schematic atomic structures of first 20 elements, valency, atomic number and mass number, isotopes and their applications, isobars.

SOCIAL SCIENCE

History: Section 1- Events and Process

Ch3. Nazism (Sub Unit 4,5 and 6)

Democratic Politics.: Ch.4. Working of Institutions- To be completed

Geography: Ch.4. Climate- To be completed

Activity: -1. Pictorial representation of seasons of India

Economics: Ch.3. Poverty as Challenge- To be completed

FINANCIAL LITERACY

Term II - Mathematics

Introduction: Risk and Insurance (2 sessions)

ARTIFICIAL INTELLIGENCE

Part B - Unit 3: Math for AI (Statistics & Probability)
and Unit 4: Introduction to Generative AI
Part B - Unit 4: Introduction to Generative AI

Unit 5. Introduction to Python
Flow of control and iterative statements (for loop,
while loop)

Scratch-
<https://scratch.mit.edu/projects/331474033/editor?tutorial=code-cartoon>

ART & CRAFT

Creative Art

1. Glass Painting
2. Fabric Painting
3. Clay Modelling

PHYSICAL EDUCATION

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

MUSIC

Happy Diwali,
Annual songs

LIFE SKILLS

Interpersonal Relationship

HEALTH & WELLNESS

Health and physical education

Safety And Security - What is injury? and Common
types of injuries in sports and first aid?

Yoga

Dhanurasana, Dhanurakarshanasana (steps and
benefits)

Sports and Free Play - Handball

Mass Drill and Fitness

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

March Past

Preparation for 26th January

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.

SIGN LANGUAGE

Happy & Sad

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



THE LEXICON SCHOOLS

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MONTH WISE CURRICULUM - 2025-26

Class - IX

DECEMBER 2025

ENGLISH

Literature - Beehive Prose:

8. Kathmandu - Prepare a Travel Brochure of any place of their choice

Poetry:

8. A Slumber did my Spirit Seal

Supplementary Reader - Moments

7. A House is not a Home

Investigation: Elaborate on the topic 'Tourism in India'. Mention the various places of interest and the problems faced by the tourists. Provide detailed solutions to eradicate the problems.

HINDI

स्पर्श- नए इलाके में

खुशबू रचते हैं हाथ।

TA

श्रवण एवं वाचन कौशल

MARATHI

15) माझे शिक्षक आणि संस्कार

16) शब्दांचा खेळ

उजळणी उपक्रम आवडत्या शिक्षकाची माहिती साहिती लिहा

MATHEMATICS

Ls 11: Surface Areas and Volumes

Surface areas and volumes of spheres (including hemispheres) and right circular cones.

For Formative Assessment:

Surface areas and volumes of cubes, cuboids and right circular cylinders.

Experiential Learning: To fold a semicircular sheet of paper to form a cone and find the length of its curved surface and total surface area.

PHYSICS

Physics : Ls - 11 Sound (till characteristics of sound wave)

CHEMISTRY

Revision.

Doubt Clearing Sessions.

NCERT Exemplar - Solving exercises

SOCIAL SCIENCE

History: Section 2- Livelihoods, Economies and Societies.

: Ch.4. Forest society and colonialism-IDP

Democratic Politics.: Ch.5. Democratic Rights- Intro. To Rights

Activity: -Make an innovative poster on fundamental rights.

Geography: Ch.5. Natural Vegetation and Wildlife to be done as Only through IDP

Economics: Ch.4. Food security in India- Introduction

Activity: - 1. Find the logos and symbols of FSSAI and AGAMARK with their year of induction and aim on the context of food security in India.

BIOLOGY

Revision

Doubt Clearing Sessions

NCERT Exemplar - Solving exercises

ARTIFICIAL INTELLIGENCE

Part B - Unit 4: Introduction to Generative AI (Contd.)

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 - Political Science

Part I: Grievance

Redressal Mechanism in Insurance

Part II: Credit Cards and Debit Cards (3 sessions)

Activity: List 5 tips that you would give to a person for safe online shopping using a credit/debit card.

Change a Size. Students can plan and lead different sprites in Scratch. Students will gain experience with coding.	
<p><u>MUSIC</u></p> <p>Feliz Navidad</p>	<p><u>ART & CRAFT</u></p> <p>Applied Art</p> <ol style="list-style-type: none"> 1. Poster Making 2. Logo Designing
<p><u>HEALTH & WELLNESS</u></p> <p>Health And Physical Education</p> <p>Food And Nutrition- What is nutrition and it's types?</p> <p>Yoga- Chakrasana, ardha- Chakrasana (steps and benefits)</p> <p>Sports and Free Play- Kho-Kho</p> <p>Mass Drill and Fitness</p> <p>March Past</p> <p>Preparation for 26th January</p>	<p><u>MORAL VALUES & ASSEMBLIES</u></p> <p>Habit 8: Find your voice and inspire others to find theirs.</p> <p>Core Value:</p> <ol style="list-style-type: none"> 1. Integrity 2. Kindness <p>Festivals/Special day celebration assemblies: Christmas</p>
<p><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><u>LIFE SKILLS</u></p> <p>Coping with Stress</p> <p>.....</p> <p>...</p> <p>NA</p> <p><u>PHYSICAL EDUCATION</u></p>
<p>Believe in Yourself</p>	



THE LEXICON SCHOOLS

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MONTH WISE CURRICULUM - 2025-26

Class - IX

JANUARY 2026

ENGLISH

Literature - Beehive Prose:

9. If I Were You

Supplementary Reader - Moments

8. The Beggar.

HINDI

दोहराव स्पर्श गद्य

दोहराव स्पर्श पद्य

दोहराव व्याकरण

दोहराव रचनात्मक कार्य

MATHEMATICS

Revision for the Periodic Test 3 Assessments.

Ls 12: Statistics

1. Bar graphs

2. Histograms (with varying base lengths)

3. Frequency polygons.

For Formative Assessment:

1. Introduction to Statistics: Collection of data, presentation of data – tabular form, ungrouped / grouped data.

2. Mean, median and mode of ungrouped data.

Probability:

1. History, Repeated experiments and observed frequency approach to probability. Focus is on empirical probability. (A large amount of time to be devoted to group and to individual activities to motivate the concept);

2. The experiments to be drawn from real - life situations, and from examples used in the chapter on statistics).

Lab Manual Activity:

6.1 Histogram

To draw histogram for classes of equal width and unequal widths.

6.2 Finding Experimental Probability

To find experimental probability of unit's digits of telephone numbers listed on a page selected at random of a telephone directory.

Art Integrated Activity: Collection and comparison of data using 3D histogram

SOCIAL SCIENCE

History: Section 2- Livelihoods, Economies and Societies.

MARATHI

स्थूलवाचन :- विश्वकोश

व्याकरण:- अव्ययीभाव समास

वाचन व आकलन :- अपठित उतारा, कविता

उपक्रम:- शब्दकोशांचा तक्ता बनवा

PHYSICS

Physics : Ls - 11 Sound (Continuation)

<p>Ch.5. Pastoralists in the Modern World- Unit- 1,2 & 3 Activity: - In the form of a flow chart mention various pastoral communities of India with their flow of movements. Democratic Politics.: Ch.5. Democratic Rights- To be completed Activity: - 1. In The form of a mind map represents the extended rights. Geography: Ch.6. Population Activity: - Map skill on density of population. Economics: Ch.4. Food security in India- To be completed Activity: - 1. Find the logos and symbols of FSSAI and AGAMARK with their year of induction and aim on the context of food security in India.</p>	<p><u>CHEMISTRY</u> Revision. Doubt Clearing Sessions. NCERT Exemplar- Solving exercises.</p> <p><u>BIOLOGY</u> Revision. Doubt Clearing Sessions. NCERT Exemplar- Solving exercises.</p>
<p><u>ARTIFICIAL INTELLIGENCE</u> Part A - Unit 5: Green Skills Part B - Unit 5: Introduction to Python Working with List in python Scratch: Introduction to AI concepts using Scratch extensions - Text-to-speech, Speech recognition, and machine learning basics.</p>	<p><u>FINANCIAL LITERACY</u> Term II - Economics Part I: Banks and Loans Part II: Inflation (3 sessions) Activity: Visit your nearest vegetable market and obtain changes in the price level of the different items and find out the percentage of inflation or deflation in the market between the first Monday and the third Monday.</p>
<p><u>MUSIC</u> Aapni Dharti Apana Ambar</p>	<p><u>HEALTH & WELLNESS</u> Health And Physical Education</p>
<p><u>ART & CRAFT</u> Applied Art 3. Book Cover Designing Animals and Birds 1. Animal Face</p>	<p>Safety And Security - Sexual Harassment Yoga Sarvangasana, halasasana (steps and benefits) Sports and Free Play Table-tennis Mass Drill and Fitness March Past Preparation for 26th January</p>
<p><u>MORAL VALUES & ASSEMBLIES</u> Habits 1 to 8 - Revision Core Value: 1. Responsibility 2. Encouragement Teachers will make placards of the sign words to show to the students in the assembly.</p>	<p><u>SIGN LANGUAGE</u> Yes & No (1:56 to 2:26) https://youtu.be/-Eh3ktA52jw</p>
<p><u>LIFE SKILLS</u> Managing Emotions</p>	<p><u>PHYSICAL EDUCATION</u> 1. Weight / Height Measurement 2. BMI Calculation</p>



THE LEXICON SCHOOLS

(Wagholi ● Hadapsar ● Kalyani Nagar)

MONTH WISE CURRICULUM - 2025-26

Class - IX

FEBRUARY 2026

ENGLISH

Revision for Final Assessment

HINDI

श्रवन एवं वाचन कौशल मुल्यांकन
दोहराव संचयन गद्य

Artificial Intelligence

Revision for Final Assessment

MARATHI

Revision for Final Assessment

MATHEMATICS

Revision for Final Assessment

SOCIAL SCIENCE

Revision for Final Assessment

PHYSICS

Revision for Final Assessment

BIOLOGY

Revision for Final Assessment

CHEMISTRY

Revision for Final Assessment

FINANCIAL LITERACY

Revision for Final Assessment

ARTIFICIAL INTELLIGENCE

Revision for Final Assessment

HEALTH & WELLNESS

Revision for Final Assessment

MUSIC

Revision for Final Assessment

ART & CRAFT

Revision for Final Assessment

MORAL VALUES & ASSEMBLIES

Habits 1 to 8 - Revision

SIGN LANGUAGE

Easy & Difficult

Core Value:

1. Innovation
2. Dedication

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

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/>

SEWA
(SOCIAL EMPOWERMENT FOR WORK AND ACTION)

TERM I	TERM II
1. Plant and save trees: Go green	1. Creating awareness on Climate Change
2. Swachh Bharat Abhiyan	2. Road Safety awareness: Live & Let Live.

MANAGEMENT SKILLS

TERM I	TERM II
1. Why is it important to spread awareness of food habits?	1. How can we help the distressed people who have been rescued from a flooded area?
2. Maintaining books.	2. Stress Management

DESIGN THINKING

<p>1. Reading Routine</p> <p>It is noticed that students and teachers issue books from the library only during the library periods and most of the time they do not finish reading the books before returning them.</p> <p>Design a prototype (system/tool/app/solution) that will create a reading routine for the students and teachers. The reading routine for everyone should be counted/registered/tracked on daily basis through the prototype. At the end of September, a graph should be prepared to show the rise in the reading routine.</p>	<p>2. Real-life application of the Mathematics concepts</p> <p>It is observed that the students can very well connect to the mathematics concept when they know their real-life application.</p> <p>Design a prototype (app/file/book/any other solution) that will give information about 1 or more real-life applications (where it is used) and connections (how it is used) for each concept. Please try to cover as many concepts as you can. Later, this prototype will be used as a reference by all your juniors in the coming academic years.</p>
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