



THE LEXICON SCHOOLS
(Wagholi • Hadapsar • Kalyani Nagar)
MONTH WISE CURRICULUM - 2024-25
Class - IX

APRIL 2024

ENGLISH

Grammar:

1. Tenses
 2. Modals
 3. Subject - Verb Concord
 4. Reported Speech
 5. Determiners (Commands & Requests, Statements, Questions)
- Accurate use of spelling, punctuation and grammar will be assessed through Gap Filling/ Editing/ Transformation exercises.

Creative Writing Skills:

1. Descriptive Paragraph Writing based on an event/ situation/ person/ Verbal or Visual Clues (Word Limit: 100 -120 words)
2. Diary Entry (Word Limit: 100 -120 words)
3. Story Writing on the given Title (Word Limit: 100 - 120 words)

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

Grammar - Modals, Subject-Verb Concord, Determiners. Creative Writing - Story Writing

SOCIAL SCIENCE

History: Ch.1.The French Revolution-Unit-1,2&3
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
Economics: Ch.1. The story of village Palampur- Unit-1&2 (To be assessed as part of Periodic Assessment only)
Activity: - Make an innovative G.O. - How a village could be connected with the nearest city/town with various services to enhance its economy.

HINDI

स्पर्श -

गद्य -दुःख का अधिकार (लेखक-यशपाल)
एवरेस्ट : मेरी शिखर यात्रा, पद्य -रैदास पद ,संचयन - गिल्लू
व्याकरण -शब्द और पद, उपसर्ग प्रत्यय, गतिविधियाँ एवं परियोजना कार्य -
1) पाँच लोगो का सचित्र साक्षात्कार लेना

MARATHI

1) सर्वात्मिका शिव सुंदरा (प्रार्थना) (केवळ वाचनासाठी)
2) संतवाणी - अ . संतकृपा झाली.
व्याकरण:- शब्दांच्या जाती - नाम ,सर्वनाम, क्रियापद, विशेषण
उपयोजित लेखन:- निबंध
वाचन व आकलन:- अपठित उतारा, कविता
उपक्रम:- संत नामदेवांचे चित्र चिटकून दहा ओळी माहिती लिहा.

MATH

Ls 1: Number System

1. Review of representation of natural numbers, integers, and rational numbers on the number line. Rational numbers as recurring/ terminating decimals. Operations on real numbers.
 2. Examples of non-recurring/non-terminating 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 number 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:** Construction of a Square Root Spiral
Art Integrated Activity: Construction of Artistic Spiral Square Root

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

Ls 2: Polynomials

Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples. 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. Recall of algebraic expressions and identities. Verification of identities:

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

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

$$x^3 \pm y^3 = (x \pm y)(x^2 \pm xy + y^2)$$

$$x^3 + y^3 + z^3 - 3xyz =$$

$$(x + y + z)(x^2 + y^2 + z^2 - xy - xz - yz)$$

and their use in factorization of polynomials.

Lab Manual Activity: Verify the algebraic identities - Using chart paper cutouts.

ARTIFICIAL INTELLIGENCE

Artificial Intelligence (Kips)

"Part A Unit-1 Communication Skills-I (Should be assessed internally as per the latest CBSE curriculum)

Part B Unit 1: Introduction to Artificial Intelligence (AI) Excite & Relate, Purpose, Possibilities and AI Ethics

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

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."

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)

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.

FINANCIAL LITERACY

MSSP STUDY MATERIAL

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

HEALTH & WELLNESS

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

ART & CRAFT

Introduction

1. What is Art

2. Elements of Art

3. Perspective Drawing (One-point perspective)

PHYSICAL EDUCATION

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

LIFESKILLS & EMOTIONAL QUOTIENT

Topic: Self Awareness
 Activity: Knowing Oneself Questionnaire
 Life Skills to be enhanced: Self Awareness, Empathy,
 Goal Setting, Managing Emotions

SIGN LANGUAGE

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

CORE VALUE:

1. Equality 2.Honesty Festivals/Special day celebration assemblies: GoodFriday, Ambedkar Jayanti, Ramzan Eid, Buddha Purnima.

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.

MUSIC

School song, Maharashtra Anthem

Believe in Yourself



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Class - IX

JUNE 2024

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
Creative Writing:
 1. Diary Writing

MATHEMATICS

Ls 3: Coordinate Geometry
 The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.
Lab Manual Activity: Abscissa and Coordinates
Art Integrated Activity: To plot the points and draw polygon out of those points.
Ls 4: Linear Equations in 2 Variables
 Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type of $ax + by + c=0$. 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
Activity: Form a linear equation in two variable using real life examples.

HINDI

स्पर्श-पद्य- दोहे रहीम,संचयन - स्मृति
व्याकरण- अनुस्वार, अनुनासिक, लेखन-पत्र, अनुच्छेद गतिविधियाँ एवं परियोजना कार्य - एवरेस्ट शिखर का पाठाधारित मानचित्र तैयार करना
अपठित अवबोधन:- अपठित गद्यांश

MARATHI

3) बेटा मी ऐकतो आहे
 4) जी. आय. पी. रेल्वे
व्याकरण:- शब्दांच्या जाती- क्रियाविशेषण, शब्दयोगी अव्यय,
उपयोजित लेखन:- कथा लेखन
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.

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.

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

Artificial Intelligence (Kips)
 "Unit 2: AI Project Cycle
 Sub-Unit: Problem Scoping
 Employability Skills
 Part A- Unit2-Self-Management Skills-I
 Scratch-Watch a Video to create story in Scratch.
<https://scratch.mit.edu/projects/editor/?tutorial=tell-a-story>."

FINANCIAL LITERACY

MSSP STUDY MATERIAL

Term I - English
 Risk and Protection(1 session)
Activity:
 Paint a poster with the theme'Insurance an Umbrella'

MUSIC

Daya Kar Dan

ART & CRAFT

Still Life
 1. Still Life Composition
 2. Objects around us

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: BakriEid

SOCIAL SCIENCE

History: Ch.1-French Revolution Sub Unit 4,5 and 6
 Democratic Politics.: Ch.2. Constitutional Design
 Activity: - Paste pictures of prominent figures of our Constitution assembly makers with their aims.
 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 sub-topics in a format of G.O.
 Economics: Ch.1. The story of village Palampur-To be completed

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

SIGN LANGUAGE

Good Morning & Good afternoon
 Teachers will make placards of the sign words to show to the students in the assembly.

LIFESKILLS & EMOTIONAL QUOTIENT

Topic: Empathy
 Activity: Empathy Relay
 Life Skills to be enhanced: Empathy, Self Awareness, Managing Emotions, Coping with stress, Interpersonal Skills, Communication Skills

PHYSICAL EDUCATION

1. Crunches
2. Squats & Lunges
3. Squat hold



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JULY 2024

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

HINDI

स्पर्श- गद्य - तुम कब जाओगे अथिति?

संचयन - कल्लू कुम्हार की उनाकोटी

लेखन- संवाद लेखन

गतिविधियाँ एवं परियोजना कार्य -स्पर्श और संचयन

किताब से अनुस्वार और अनुनासिक के उदाहरण ढूँढकर भित्तिपत्रक बनाए।

MATHEMATICS

Ls 5: Introduction to Euclid's Geometry

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. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example:

(Axiom) 1. Given two distinct points, there exists one and only one line through them.

(Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common.

Art Integrated Activity: Draft a poem/song on geometrical terms.

Ls 6: Lines and Angles

1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse.

2. (Prove) If two lines intersect, vertically opposite angles are equal.

3. (Motivate) Lines which are parallel to a given line are parallel.

Lab Manual Activity:

Basic Paper Folding Activities

To verify that the vertically Opposite Angles in Intersecting Lines are equal.

Art Integrated Activity: Create a rap music on lines and angles.

Revision for the Periodic Test 1 Assessments.

MARATHI

5) व्यायामाचे महत्त्व

6) ऑलिंपिक वर्तुळाचा गोफ

व्याकरण:- लिंग, वचन, काळ

उपयोजित लेखन:- औपचारिक पत्र- मागणी, तक्रार

उपक्रम:- योगाच्या कोणत्याही एका प्रकारची माहिती लिहा.

SOCIAL SCIENCE

History:

Section-1: Events and Processes

Ls.2- Socialism in Europe & the Russian Revolution (Sub Unit 1,2 and 3)

Democratic Politics:

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

Geography:

Ls.3. Drainage (Concept, Drainage Systems in India, The Himalayan Rivers)

Economics:

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

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

Artificial Intelligence (Kips)
Unit 2: AI Project Cycle Sub-Unit: Data Acquisition
Employability Skills:
Unit 3: Information and Communication Technology Skills-I
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>

FINANCIAL LITERACY

MSSP STUDY MATERIAL

Term 1 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

HEALTH & WELLNESS

Health and physical education

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

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

SIGN LANGUAGE

Understand & Remember

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

LIFESKILLS & EMOTIONAL QUOTIENT

Topic: Critical & Creative Thinking
Activity: Word Association Game
Life Skills to be enhanced: Critical Thinking, Decision Making, Problem Solving, Communication Skills

PHYSICAL EDUCATION

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



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AUGUST 2024

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

MATHEMATICS

Ls 7: Triangles

1. (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal 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 to any two angles and the included side of the other triangle (ASA Congruence).

3. (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence).

4. (Motivate) 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. (Motivate) The sides opposite to equal angles of a triangle are equal.

Lab Activity

Intercepts of Equidistant Parallel lines

Activity: To verify experimentally the different criteria of congruency of the triangles using triangle cutouts.

SOCIAL SCIENCE

History: Ch.2. Socialism in Europe and Russian Revolution-Unit-4&5

Activity: - 1. Find and stick pictures of Vladimir Lenin and Joseph Stalin. Throw light on their works Democratic Politics.: Ch.3. Electoral Politics- To be completed

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

Geography: Ch.3. Drainage- To be completed

Activity: - 1. On an India Political Map mark The Himalayan Rivers and The Peninsular Rivers.

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

HINDI

स्पर्श- गद्य - वैज्ञानिक चेतना के वाहक

व्याकरण - अर्थ के आधार पर वाक्य के भेद, लेखन- चित्र वर्णन

गतिविधियाँ एवं परियोजना कार्य -

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

MARATHI

7) दिव्याच्या शोधमागचे दिव्य

8) सखू आजी

स्थूलवाचन :- व्हेनिस

व्याकरण :- वाक्यांचे प्रकार – आज्ञार्थी, विधानार्थी, उद्गारवाचक, प्रश्नवाचक

उपयोजित लेखन:- औपचारिक पत्र

उपक्रम:- तुमच्या आवडत्या शहराची माहिती थोडक्यात सांगा.

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.

[Submissions of Portfolio Work assigned]

MUSIC

Vande Mataram

<p style="text-align: center;"><u>CHEMISTRY</u></p> <p>Chemistry: Ls. 3: Atoms and Molecules (continued) Formulating chemical formulae, Molecular mass Investigation: Arrangement of Elements in the Modern Periodic Table.</p>	<p style="text-align: center;"><u>PHYSICAL EDUCATION</u></p> <ol style="list-style-type: none"> 1. 20/30 mtrs Dash 2. Shuttle Run, High knees 3. German Drill, Fire Feet's, 50mtrs Sprint 4. Hips Raises 20 reps
<p style="text-align: center;"><u>ART & CRAFT</u></p> <p>Natural Forms 1. Water Bodies (Seascape) 2. Mountainous Scenery</p>	<p style="text-align: center;"><u>LIFESKILLS & EMOTIONAL QUOTIENT</u></p> <p>Topic: Decision Making Activity: Decision Dilemma Life Skills to be enhanced: Decision Making, Critical thinking, Building Confidence, Problem Solving, Managing emotions, Coping with stress.</p>
<p style="text-align: center;"><u>ARTIFICIAL INTELLIGENCE</u></p> <p>Artificial Intelligence: "Unit 2: AI Project Cycle Sub-Unit: Data Exploration & Modelling Employability Skills: Unit 3: Information and Communication Technology Skills-I 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"</p>	<p style="text-align: center;"><u>FINANCIAL LITERACY</u></p> <p><u>MSSP STUDY MATERIAL</u></p> <p>Term I - Political Science PAN Card and Aadhar Card (1 session)</p> <p>Economics Part I: RBI: Central Bank Part II: Budgeting (3 sessions)</p> <p>Activity: Brainstorm 5 places where you need your ID proof and make a list of those on a chart paper.</p>
<p style="text-align: center;"><u>HEALTH & WELLNESS</u></p> <p>Health And Physical Education</p> <p>Human Body- what is illness and disease? Why and how do we fall ill?</p> <p>Yoga - Kapalbhati Pranayama (steps and benefits) Sports and Free Play- Basketball</p> <p>Mass Drill and Fitness March Past Preparation for 15th August</p>	<p style="text-align: center;"><u>MORAL VALUES & ASSEMBLIES</u></p> <p>Habit 4- Think win-win (Everyone can win) and related stories</p> <p>Core Value: 1. Perseverance 2. Loyalty</p> <p>Festivals/Special day celebration assemblies:</p>
<p style="text-align: center;"><u>SIGN LANGUAGE</u></p> <p>Practice & Language</p> <p>Teachers will make placards of the sign words to show to the students in the assembly.</p>	<p>Independence Day, Parsi New Year, Onam, Raksha Bandhan</p>



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Class - IX

SEPTEMBER 2024

ENGLISH

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

HINDI

व्याकरण-
 संधि (स्वर संधि)
 विराम चिह्न

MATHEMATICS

Revision for the Assessments.

MARATHI

Revision

SOCIAL SCIENCE

History: Revision
 Democratic Politics.: Revision
 Geography: Revision
 Economics: Revision

PHYSICS

Is - 9 Gravitation (Continuation)
 Revision

CHEMISTRY

Revision for the Assessments.

BIOLOGY

Revision for the Assessments.

ARTIFICIAL INTELLIGENCE

Artificial Intelligence (Kips) "Unit 2: AI Project Cycle
 Sub-Unit: Evaluation
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

MSSP STUDY MATERIAL

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

- Suryanamaskar practice
- Plank Hold, Superman hold
- Push up Hold, Side Plank Hold
- Flutter Kicks Russian twist

LIFESKILLS & EMOTIONAL QUOTIENT

Topic: Problem Solving
 Activity: Begin with the end in mind
 Life Skills to be enhanced: Critical Thinking, Decision Making, Problem Solving, Communication Skills, Coping with stress.

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





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 Class - IX

OCTOBER 2024

ENGLISH

Literature - Beehive Prose:
 6. My Childhood - A Chart with Kalam's inspiring quotes and achievements
 8. Reach for the Top
 Poetry:
 6. No Men are Foreign

HINDI

स्पर्श-पद्य-अग्निपथ
 संचयन- मेरा छोटा सा निजी पुस्तकालय
 व्याकरण- विराम चिह्न (अवशिष्ट भाग)

MATHEMATICS

Ls 8: Quadrilaterals
 1. (Prove) The diagonal divides a parallelogram into two congruent triangles.
 2. (Motivate) In a parallelogram opposite sides are equal, and conversely.
 3. (Motivate) In a parallelogram opposite angles are equal, and conversely.
 4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.
 5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely.
 6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse.

Lab Manual Activity
 Mid-Point Theorem
 The Quadrilaterals formed by joining the Mid-points of Quadrilaterals.

Activity: Find real life examples where this method is applied.

MARATHI

9) उजाड उघडे माळरानही
 11) आभाळातल्या पाऊलवाटा
व्याकरण:- समानार्थी-विरुद्धार्थी शब्द, समास-अव्ययीभाव, द्विगु
उपयोजित लेखन:- निबंध मनोगत
उपक्रम:- वसंत ऋतूची माहिती चित्रांसहित दहा ओळीत लिहा.
वाचन व आकलन:- अपठित उतारा, कविता

PHYSICS

Physics : Ls.10: Work and Energy (Till Definition of Potential Energy)
 Lab Manual
 Experiment 8: Verification of the Laws of reflection of Sound
Inquiry on: Compare the Gravitational Pull of Different Planets and Satellites.

SOCIAL SCIENCE

History: 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

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.

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.

LIFESKILLS & EMOTIONAL QUOTIENT

Topic: Effective Communication
 Activity: Group Story telling
 Life Skills to be enhanced: Communication Skills, Interpersonal Skills, Self awareness Empathy

MUSIC

Raag Yaman

<p style="text-align: center;"><u>FINANCIAL LITERACY</u></p> <p><u>MSSP STUDY MATERIAL</u></p> <p>Term II - English Natural Disasters (1 session)</p> <p>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 aftereffects of the disasters.</p>	<p style="text-align: center;"><u>ARTIFICIAL INTELLIGENCE</u></p> <p>Artificial Intelligence (Kips) Unit 3 Neural Network 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."</p>
<p style="text-align: center;"><u>HEALTH & WELLNESS</u></p> <p>Health And Physical Education We And Environment- What is Waste segregation management? What is recycling?</p> <p>Yoga Suryanamaskar asana (steps and benefits)</p> <p>Sports and Free Play- Kabaddi Mass Drill and Fitness March Past Preparation for 26th January</p>	<p style="text-align: center;"><u>SIGN LANGUAGE</u></p> <p>How are you? 6:06 to 6:29)</p> <p>I am fine. (6:29 to 6:53) https://youtu.be/VtbYvVDItvg</p> <p style="text-align: center;"><u>ART & CRAFT</u></p> <p>Human Figure 1. Picture Composition with Figure Drawing Human Face (Portraiture)- Frontal and Profileview)</p>
<p style="text-align: center;"><u>PHYSICAL EDUCATION</u></p> <p>1.Lunge & Forward Bending Stretch hold 2. Tricep & Biceps Stretch hold 3. Alternate toe touch 4. Bhujangasan & Vajrasan hold</p>	<p style="text-align: center;"><u>MORAL VALUES & ASSEMBLIES</u></p> <p>Habit 6: Synergize (Together is Better) Core Value: 1. Truthfulness 2. Kindness Festivals/Special day celebration assemblies: Mahatma Gandhi Jayanti, Navratri, Dussehra</p>



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NOVEMBER 2024

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 (motivate) its converse.

2.(Motivate) 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. (Motivate) 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.(Motivate) Angles in the same segment of a circle are equal.

6.(Motivate) 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.(Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.

Lab Manual Activity

Angles in the Same Segment

Angle in a Semicircle, Major Segment and Minor Segment

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

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

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

HINDI

स्पर्श- गद्य - शुक्र तारे के सामान

स्पर्श- पद्य- गीत अगीत

MARATHI

12) पुन्हा एकदा

13) तिफन (कविता)

व्याकरण - शब्दांच्या जाती - उभयान्वयी अव्यय, केवलप्रयोगी अव्यय

समास- द्वंद्व समासाचे 3 उपप्रकार

लेखन - तक्रारपत्र

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]

SOCIAL SCIENCE

History: 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

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.

ART & CRAFT

Creative Art

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

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.

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

FINANCIAL LITERACY

MSSP STUDY MATERIAL

Term II - Mathematics

Introduction: Risk and Insurance (2 sessions)

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 & Vrksasan

LIFESKILLS & EMOTIONAL QUOTIENT

Topic: Interpersonal relationship

Activity: Networking Bingo

Life Skills to be enhanced: Self Awareness, Communication Skills, Interpersonal Skills, Problem Solving, Decision Making, Managing Emotions



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DECEMBER 2024

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।

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.
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.

SOCIAL SCIENCE

History: 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.

PHYSICS

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

BIOLOGY

Revision
 Doubt Clearing Sessions
NCERT Exemplar - Solving exercises

CHEMISTRY

Revision.
 Doubt Clearing Sessions.
NCERT Exemplar - Solving exercises

ARTIFICIAL INTELLIGENCE

Artificial Intelligence (Kips)Unit 4: Introduction to Python
Scratch-
 Visit to the website-
<https://scratch.mit.edu/projects/331474033/editor?tutorial=code-cartoon> Change a Size. Students can plan and lead different sprites in Scratch. Students will gain experience with coding.

FINANCIAL LITERACY

MSSP STUDY MATERIAL

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.

MUSIC

Feliz Navidad

ART & CRAFT

Applied Art
 1. Poster Making
 2. Logo Designing

HEALTH & WELLNESS

Health And Physical Education

Food And Nutrition- What is nutrition and its types?

Yoga- Chakrasana, ardha-Chakrasana (steps and benefits)

Sports and Free Play- Kho-Kho

Mass Drill and Fitness March Past
Preparation for 26th January

MORAL VALUES & ASSEMBLIES

Habit 8: Find your voice and inspire others to find theirs.

Core Value:

1. Integrity
2. Kindness

Festivals/Special day celebration assemblies:
Christmas

SIGN LANGUAGE

Bright & Dark

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

LIFESKILLS & EMOTIONAL QUOTIENT

Topic: Coping with Stress

Activity: Stress event Timeline

Life Skills to be enhanced: Coping with stress, Communication Skills, Critical Thinking, Problem Solving

Believe in Yourself



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JANUARY 2025

ENGLISH

Literature - Beehive Prose:
 9. If I Were You
 Supplementary Reader - Moments
 8. The Beggar.

HINDI

Revision

MATHEMATICS

Revision for the Periodic Test 3 Assessments.

Ls 12: Statistics

Bar graphs, histograms (with varying base lengths), and frequency polygons.

MARATHI

स्थूलवाचन :- विश्वकोश
 व्याकरण:- समास (पुनरावृत्ती)
 वाचन व आकलन :- अपठित उतारा, कविता
 उपक्रम:- शब्दकोशाचे फायदे सांगा.

SOCIAL SCIENCE

History: Ch.5. Pastoralists in the Modern World- Unit-1&2 (To be assessed as part of Periodic Assessment only)

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.

PHYSICS

Physics : Ls - 11 Sound (Continuation)

CHEMISTRY

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

BIOLOGY

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

ARTIFICIAL INTELLIGENCE

Artificial Intelligence (Kips)

Employability Skills

Unit 5: Green Skills-I (Should be assessed only internally as per new CBSE Curriculum)

Scratch-

<https://scratch.mit.edu/projects/249143200/editor?tutorial=animate-an-adventure-game>

-Animate an adventure game . Students can plan and

lead different sprites in Scratch. Students will gain experience with coding."

FINANCIAL LITERACY

MSSP STUDY MATERIAL

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.

MUSIC

Aapni Dharti Apana Ambar

HEALTH & WELLNESS

Health And Physical Education

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

ART & CRAFT

Applied Art

3. Book Cover Designing

Animals and Birds

1. Animal Face

MORAL VALUES & ASSEMBLIES

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.

SIGN LANGUAGE

Yes & No

(1:56 to 2:26)

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

LIFESKILLS & EMOTIONAL QUOTIENT

Topic: Managing Emotions

Activity: Emotion Charades

Life Skills to be enhanced: Self Awareness, Managing Emotions, Coping with stress, Interpersonal Relationship, Decision making, problem Solving

PHYSICAL EDUCATION

1. Weight / Height Measurement

2. BMI Calculation



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FEBRUARY 2025

<u>ENGLISH</u> Revision for Final Assessment	<u>HINDI</u> Revision for Final Assessment
	<u>MARATHI</u> Revision for Final Assessment
<u>MATHEMATICS</u> Revision for Final Assessment	<u>SOCIAL SCIENCE</u> Revision for Final Assessment
<u>PHYSICS</u> Revision for Final Assessment	<u>BIOLOGY</u> Revision for Final Assessment
<u>CHEMISTRY</u> Revision for Final Assessment	<u>FINANCIAL LITERACY</u> Revision for Final Assessment
<u>ARTIFICIAL INTELLIGENCE</u> Revision for Final Assessment	<u>HEALTH & WELLNESS</u> Revision for Final Assessment
<u>MUSIC</u> Revision for Final Assessment	<u>ART & CRAFT</u> Revision for Final Assessment
<u>MORAL VALUES & ASSEMBLIES</u> Habits 1 to 8 - Revision Core Value: 1. Innovation 2. Dedication Festivals/Special day celebration assemblies: Vasant Panchami, Shivaji Jayanti	<u>SIGN LANGUAGE</u> Easy & Difficult Teachers will make placards of the sign words to show to the students in the assembly.



BAGLESS DAYS

April

Bagless Day 1: Environmental concern: Recycle
 Recycle Clothes: (2 Pillow covers to be made)
 Requirements:
 Pillow, T-shirt, Scissors, Fabric marker, Measuring tape, Ruler

Method:

Measure the length and width of the pillow with the tape.
 The t-shirt should obviously be larger in size than the pillow. Using the fabric marker, draw the dimensions of the pillow on the shirt. Add 2 inches gap to both sides and cut out the front and back of the t-shirt. If the pillow is rectangular or square in shape, it will benefit you to cut a 1 sq. inch section away from each of the corners of the t- shirt. Draw 4 dotted lines, 1 inch away from each side of the t-shirt. The dotted lines should meet at the corners.
 Cut ¼ inch strips that are parallel to the side of the t-shirt. Ensure that you do not cut the strips beyond the dotted lines.
 Take the pillow and place the front of the shirt on top, so as to align the almost-finished cover on top of the pillow.
 Take strips from the shirt to tie all four corners to give the pillow cover a frilly look.
<https://www.troab.com/3-innovative-ways-can-recycle-favorite-old-shirts/2/>

Bagless Day 2: Creative Minds: Making Pom Pom Key chain
 Requirements: Wool, Scissors, Cardboard, Keychain ring, Fevicol, Decorative items-Glitter, Pair of eyes

Method:

Step 1:Trace out a circle on a piece of cardboard. The size of your circle will be the size of your pom-pom. I used a measuring cup that was around the size I wanted to trace the circle.
 Step 2:Cut out the circle.
 Step 3:Draw a smaller circle within the circle.
 Step 4:Cut out the little circle.
 Step 5:Make a small 'v' where you cut out the little circle to make the yarn easier to pull through. Repeat steps 1-5 to make a second circle.
 Step 6: Hold the two circles together and wrap the yarn through the notch and around evenly around the sides of the circle.
 Step 7:Wrap the yarn until the circle in the middle is filled in.
 Step 8:Use a pair of scissors to cut the yarn between the two circles all the way around.
 Step 9:Cut a length of yarn and tie a tight knot around the middle of the pom-pom. Bring the yarn around the other side and tie another, the tighter the better!
 Step 10:Trim the pom pom to make it round and even.
 Step 11:Attach a keychain ring with the help of a fevicol/ secure it with a knot.
 Step 12:Make different decorative items using these pom-poms. For eg: attach it to the pillow cover you made yesterday or make a wall hanging, also you paste the eyes on a big pom pom to make a face.
<https://www.gathered.how/knitting-and-crochet/crochet/how-to-make-a-pompom/#cardboard>

June

Baglight Day- Last day of the month: Blind Draw Team Building Activity
 Running the Activity Explain the activity:
 Suggested Learning Outcomes Communication Creative thinking Activity
 Guidance and Notes. This activity is great for promoting communication skills.
 1. Each team appoints one member to be the representative and the

- representative will be then separated from the rest of the group.
2. The remaining team members select a chit (made by the teacher) with an item mentioned on it and will instruct the representative to draw it without saying what the item is.
 3. There is a time limit of 3 minutes for the drawing to be completed.
 4. Each flipchart is positioned to face away from the group so that they cannot see what the representative is drawing.
 5. The team whose drawing is closest to the actual item will win the game.
 6. At the end of the activity, all the drawings are revealed.

Rules: The team cannot tell the representative what their item is; they can only give instructions.

1. The 'artist' cannot ask any questions and can only draw based on the instructions given by their team.
2. While it sounds like an easy task, the one-way communication from the team to their representative needs to be precise in order for the representative and get the drawing right.
3. It may be useful to run this activity in two rounds; after the first round, the team will realize how important it is to be detailed in their instructions.
4. Challenge the teams to do better in the second round.

July

Bagless Day 1: Clay-modelling- Folk Toys

Materials required: Potter's clay or ceramic powder dough, clay-modelling tools for making impressions like comb, knife, sticks, fork, roller pin, aprons, etc.

Procedure: Students will make clay models of folk toys, the like of which may be shown in the form of pictures or real items. These may be dried and later painted.

https://www.youtube.com/watch?v=0EKeOYYp_hk (You can choose any 5 toys to make)

Bagless Day 2: Wood Craft- Home Decor Item

Materials required: Wooden pieces, ice-cream sticks (popsicles), adhesive, cardboard, scissors, etc.

Procedure: Students will make a home decor item with wooden pieces or popsicle sticks, by assembling them into a three-dimensional structure. It may be an object, an architectural structure or a purely abstract design. The end product may or may not be painted.

<https://www.youtube.com/watch?v=yY6FQICWa2Y>

and

<https://www.youtube.com/watch?v=Q5m4CV9qLGA>

Day 2: Macrame Knotting- Macrame key-chains, bracelets and planter-hangers

Material required: Rope/ sutli, nylon strings, cotton strings, beads, etc.

Procedure: Students will make key chains, bracelets, belts, planter hangers and nets, using the macrame knotting technique with sutli or nylon/ cotton/woolen strings.

August

Bagless Day 1: How to make a storage organizer.

Requirement: Cardboard, Printed paper, Glue, pencil and scale, Cutter and scissors. (Optional: Colours, Glitter)

Method:

1. Take cardboard firstly and cut out pieces with measurements 10 x 5 cm, 10 x 8 cm, 10 x 12 cm, 10 x 15 cm, and lastly two pieces of 10 x 18 cm. Use a cutter for accuracy.

2. Now take a printed sheet and wrap all the cardboard pieces with it using some glue. Wrap properly from all sides for complete finishing.

3. Again, take cardboard and cut out strips measuring 11 x 3.5 cm and 6 x

3 cm out of it. Cut one of the lower sides a slant cut. Take a printed sheet and cover the strips similarly using some glue.
 4. Now take one of the 10 x 18 cm sheets and use it as a base. On it, stick all the cardboard from bigger to smaller sizes for a slant look.
 5. Take the small strips and apply glue on three sides and stick it properly in between the cardboard sheets to form different drawers. Give the cardboard strips a slant look by sticking them in a slant position.
<https://www.instructables.com/How-to-Make-DIY-Storage-Organizer-From-Cardboard/>

Bagless Day 2: Activity: Making new NB from old leftover pages.
 Notebook Decoration

Material used: Old blank pages from old NB, Thread(Lace, Rope, punching machines, colours and decorative items(glitter, lace, printed paper).

Procedure:

1. Remove blank pages from old NB. (preferably same-size papers)
2. Glue the pages with the help of a glue gun.
3. Make a decorative cover for the NB.
4. Use thread/Lace/ Rope to tie them together.

Refer the video: <https://www.youtube.com/watch?v=UvDpelSBXYE>
 and refer the video for notebook decoration
<https://www.youtube.com/watch?v=xrfgHsSrj6c>

September

Baglight Day- Last day of the month: STEAM project: PENNY SPINNER STEM CHALLENGE

Requirements: Paper plate, Round cup, Markers (optional), Scissors, Penny.

Method:

Trace around the outside of a cup on a paper plate using the pen to make a circle. Cut out the circle. Use a ruler to find the center of the circle and mark it with a pen. Place the ruler on the center of the circle and draw a line to create halves. Turn the circle and draw another line across the circle to create quarters. Draw two more lines through the center of each quarter to create eighths. Use the markers to colour each eighth or draw patterns in each section. Cut a slit in the center of the circle slightly smaller than a penny. Push the penny through the slit. Holding the penny between your fingers, spin the penny spinner on a flat surface. To do the penny spinner **STEM challenge:** Use a small paper plate, similar to a dessert plate to make this easier to do with small children. If you only have large paper plates, simply cut out a smaller circle from the plate. Provide children with the materials needed and allow them to colour their plate if they like, letting them know that as the plate spins all of the colours will merge together and create a rainbow effect. The children tested their predictions, those who placed the penny on top found that the plate didn't spin, those with the penny under the plate found that the plate spun off of the penny, and those with the penny placed through the middle of the plate found that their penny spinner worked! Once they discovered that placing the penny through the plate allowed them to create a spinner, they got to work perfecting and decorating their spinners!

October

Bagless Day 1: Flower garlands from plastic bags

Material required: Plastic bags - lots of pretty colours! - Green string - preferably something quite stiff. Scissors- A sewing needle - one with an eye big enough to thread your string through.- A knitting needle - or anything pointy.

Procedure:

- 1) Take a plastic bag and cut the handles and bottom off. Now you

should have a plastic tube.

- 2) Cut straight along one edge of the tube to make it into a sheet.
- 3) Now cut your sheet into strips about 4cm thick (that's about 1.5").
- 4) Take a strip and fold in one edge by about 2.5cm (1"). Keep folding it over and over so you end up with a flat roll of plastic.
- 5) Now cut the roll.
- 6) Unfold the shape you cut out. You should now have a long strip of petal shapes! Repeat steps 4 to 6 with another one of the strips you made in step 3. This should give you enough petals to make a good-sized flower. You can of course do more, or less, depending on how big you want your flowers to be.

ATTACHING THE STEM: 7) Cut three equal lengths of the green string. Each one should be a little more than twice the length you want your stem to be. Take the flower head you just made and remove the needle. Widen that hole with the knitting needle. It needs to be quite big, but take care not to rip the plastic.

- 8) Now thread each length of string through the hole so that the flower head sits at the midpoint of each.
 - 9) Tie up each string. This holds the flower head together.
 - 10) Now pair up the ends of the original three lengths and braid them together tightly.
 - 11) Before you run out of string, tie the ends together.
 - 12) Chop off the extra string.
 - 13) Make many different styles of flowers and bring them all together to make a beautiful bouquet.
- https://www.instructables.com/Flowers-made-from-plastic-bags/?amp_page=true
- 14) To finish off your rose, play around with opening out the petals so that they look nice.

Bagless Day 2: Woollen Doll Making Activity:

Materials Required: 1. Woollen yarn in desired colours, Scissors, Cardboard, Ruler, Pen/pencil.

Method: Steps:

1. Cut a cardboard piece in the size you want your doll to be.
2. Start wrapping the wool around the cardboard piece. You can use a single colour or mix colours.
3. Keep wrapping until the wool covers the cardboard thickness fully.
4. Cut the wool and tuck it in the wrapped wool tightly, using a thread. Make sure that the in-tucked wool is secure and it doesn't come out. This will be the head of the doll.
5. Cut a piece of yarn in a contrasting colour in about an arm's length. This piece will be used to form the hands and feet of the doll.
6. Wrap the yarn around 2-3 fingers, depending on the size you want.
7. Knot the centre of this looped yarn with another yarn using a double knot. This forms the arms and legs of the doll.
8. Slip the thread through wool head and take it out from the other end. Now, tie the arms to the head with the help of a single knot. Do this twice, so the arms stick together.
9. Repeat the process with the legs and tie them to the base of the head.
10. Take another contrasting colour yarn and tie it to the neck part. Use scissors and cut the yarn from the non-knotted end. This will create the hair of the doll.
11. Trim the woollen fringes according to your doll's hair length preference.
12. Take another contrasting colour of yarn for the dress. Tie it under the head of the doll, and insert it between the wrapped wool. Pull the yarn inside, loosely wrap it around the wrap, and again insert it inside from inside the wrap after a couple of rows. Keep repeating this process until you reach the desired dress length.
13. Once done, tie a knot and tuck the loose end inside the dress neatly.

- 14. Shape the doll as per your preference, using your hands or scissors.
- 15. Finally, your cute and colourful woollen doll is ready to play with.

<https://www.youtube.com/watch?v=fFmmf9R8sLM>

November

Baglight Day- Last day of the month: Pillar candle carving painting and decorating.

Material required: Two Pillar candles (colour), mica powder, paint, paint brushes, carving blunt instrument.

Procedure: Take the candles and carve the shapes of the flowers, leaves, buildings (anything that you are comfortable with) decorate the candle by using paint and mica powder. Students can also use any decorative items available to them.

<https://www.youtube.com/watch?v=Z6uCZpBXTXc>

December

Bagless Day 1: Glass Painting

Requirement: 2 glass jars, 2 glass plates, 2 glass bottles, Used CD, Glitter, Laces, glue, Cardboard, Paper, or Dropcloth, Disposable Gloves Masking Tape, Glassware, Paint Suitable for Glass, Paint Brushes

Procedure:

1. Glassware needs to be cleaned and make sure to remove any residue from the labels.
2. Wear disposable gloves.
3. Put a little amount of paint in the jar, Swirl the paint around so it comes up the sides as much as you want. If you need more paint, you can add some, but you don't add so much that the paint pools on the bottom. Roll the jar periodically as it dries so that the paint doesn't settle into one spot.
4. Paint the jar from the outside, Make upward dabs or strokes of paint in one colour, then let it dry. Add another layer of strokes in a colour that will go well with the first colour. You can even overlap the paint in several layers to create additional shades.
5. Let the paint dry.
6. Decorate the glass or paint flowers or paint on the outside. (Optional)

https://www.youtube.com/watch?v=XWjv_cipDXM (Bottle decoration - can use any material if CD is not available)

<https://www.pinterest.com/pin/quick-and-easy-diy-glass-painting-technique-for-beginners-tree-of-life-glass-plate-decor-idea-youtube--567664728034893560/> (Plate painting)

<https://www.thesprucecrafts.com/how-to-paint-glass-5116112> (Glass jar painting)

Bagless Day 2: Cord Covers

Requirement: Colourful Cloth-1 meter, Sewing Needle, Thread.

Method:

1. Cut the cloth into a broad strip- 5 inches.
 2. Fold it in half, inside out, and start sewing.
 3. Once entirely stitched, turn the cloth in such a way that the stitches are not seen. (inside out)
 4. This cover can be used for cords of cell phones, Laptops or iron.
- Reference: <https://www.homedit.com/attractive-diy-cord-covers/>

January

Bag Light Day: Last day of the Month

Short Animation Movie to be shown- (Piper) A JOY STORY - Oscar-winning short film
<https://www.youtube.com/watch?v=iR-JFks6ul0>
 Students will be shown a short animation documentary. They will then make a flip book animation of a story/ theme similar to the one shown, but with their own creativity. The flip book will then be displayed in the class, while the student(s) narrate the storyline/ concept to their peers.
<https://www.youtube.com/watch?v=Un-BdBSOGKY>

GRATITUDE

April

We will practice 'Kindness' as a behaviour Activity:
 Week 1- Compliment the first three people you talk to
 Week 2- Write a handwritten note to a teacher
 Week 3- Positive Sticky Notes: Leave sticky notes with positive messages (i.e., "You are amazing, smart, and talented") on your friends' desks.
 Week 4- Thank-You Letter: Write an anonymous letter to someone you respect in your school

June

We will practice 'Kindness' as a behaviour Activity:
 Week 1- Poem: Create a Poem on the theme: Kindness - (English, Hindi, Marathi)
 Week 2- Bulletin Board: Create a bulletin board in your school and provide plenty of paper in fun shapes or designs on which people can write about the random acts of kindness they have received or benefitted from
 Week 3- Write a short speech on - Kindness
 Week 4- Being kind towards teachers and support staff (Maintaining silence, Submitting work on time)

July

Week 1 - Reading out stories about gratitude and appreciation across a variety of setting and cultures
 Week 2 - Share success stories related to families
 Week 3 - Writing stories on gratitude as theme
 Week 4 - Collage using Gratitude words -
<https://www.teachingexpertise.com/classroom-ideas/gratitude-activities/#:~:text=Paper%20Bag%20Gratitude%20Trees,or%20things%20in%20their%20lives>

August

Week 1 - Sharing tips/strategies for better learning
 Week 2 - Set up appreciation mail boxes, creating envelopes, folders or mail boxes in which classmates will leave an anonymous note of appreciation for students/school community
 Week 3 - Create a short poem or a prayer with the help of the word bank (Word bank to be shared by the teacher)
 Week 4 - Gratitude songs -
<https://www.youtube.com/watch?v=YeSdQmO51Ps> &
<https://www.youtube.com/watch?v=6F2VDKkw1qU>
 Ask students to compose a rap song/song on Gratitude.

September

We will practice 'Kindness' as a behaviour Activity:
 Week 1- Creating a story (Fiction) on - kindness
 Week 2- Expressing Kindness towards water, & food

October

Week 1 - Creating appreciation webs wherein each student writes his name in the middle on a blank sheet of paper on which other students write a token of appreciation for the mentioned name.
 Week 2 - Hindi poem on Gratitude
 Week 3 - Research why 'Thanksgiving Day' is celebrated
 Week 4 - Puppet Show/Role Play to express Gratitude

November

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

<p>December</p>	<p>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</p> <p>Week 3 - Reflection on gratitude: Mindfulness meditation and cultivation of a sense of self-awareness and moving to children's immediate environment</p> <p>Week 4 - Gratitude meal: Children will share healthy snacks/dishes with their peers.</p> <p>We will practice 'Kindness' as a behaviour Activity: Week 1- Drawing- create a drawing, depicting - kindness Week 2- Listing down things that the students learned Week 3- Being kind towards Birds (Serving food and water for them) Week 4- Expressing Kindness towards underprivileged</p>
<p>January</p>	<p>We will practice 'Kindness' as a behaviour Activity: Week 1- Making a Kindness Calendar Week 2- Create a Tag line Week 3- Express kindness towards the family members: helping with the household chores Week 4- Making a badge: thanking a person to be kind</p>
<p>February</p>	<p>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. 2024-25 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/</p>

SEWA
(SOCIAL EMPOWERMENT FOR WORK AND ACTION)

TERM I	TERM II
<ol style="list-style-type: none"> 1. Plant and save trees: Go green 2. Swachh Bharat Abhiyan 	<ol style="list-style-type: none"> 1. Creating awareness on Climate Change 2. Road Safety awareness: Live & Let Live.

MANAGEMENT SKILLS

TERM I	TERM II
<ol style="list-style-type: none"> 1. Why is it important to spread awareness of food habits? 2. Maintaining books. 	<ol style="list-style-type: none"> 1. How can we help the distressed people who have been rescued from a flooded area? 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. 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. 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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