

Upcoming Theme's Overview: Class 5

Theme Name and Number: Theme 7- Matter

Theme Dates: 6th March to 15th March 2023, 27th March to 7th April 2023

Central Idea: Changing properties of matter determine their usage.

Lines of Inquiry:

- Arrangement of particles in different states of matter
- Change of states in matter
- Physical and chemical changes in matter
- Application of matter in real life
- Separation techniques for solutions and mixtures.

English Text Name : The Hundred Dresses **Author:** 'Eleanor Estes'

Section I - Core Subjects Overview

Week No.	EVS	English	Maths	Hindi	ICT	Gujarati/ French
Week 1	<ul style="list-style-type: none"> • Introduction of the theme matter • States of matter • Properties of matter 	<ul style="list-style-type: none"> • Warmer session • Pre-teaching Vocabulary • Predicting the text • Reading chapters 1 and 2 	<ul style="list-style-type: none"> • Number Sense- Divisibility rule of 2, 5, 10, 3, 6, 9 • Geometry- Identifying and constructing angles • Mixed bag rigour -Number sense • Mixed bag rigour- Measurement, time and calendar, geometry 	<ul style="list-style-type: none"> • Introduction to the chapter- 'Apna sthan swayam banaye' • Discussing and writing hard words from the chapter • Discussing Exercises from the chapter 	<ul style="list-style-type: none"> • Introduction and components of scratch 	<p>Gujarati</p> <ul style="list-style-type: none"> • Chakiben • Question answers and Vocab <p>French</p> <ul style="list-style-type: none"> • Days of the week • To speak about day/date
Week 2	<ul style="list-style-type: none"> • Changes in states of matter- reversible and irreversible changes • Difference between reversible and irreversible changes 	<ul style="list-style-type: none"> • Reading chapters 3, 4, 5, 6 and 7 • Comprehension questions 	<ul style="list-style-type: none"> • Number Sense-Multiply and divide fractions by whole number, percentage, word problems • Measurement- Area and volume 	<ul style="list-style-type: none"> • Making some sentences according to the chapter • Discussing Exercises from the chapter 	<ul style="list-style-type: none"> • Programming in scratch - blocks and script 	<p>Gujarati</p> <ul style="list-style-type: none"> • Bikan sasli <p>French</p> <ul style="list-style-type: none"> • Months of the year • What's your birthday date

Week 3	<ul style="list-style-type: none"> • Expansion and contraction • Physical and chemical change • Solute, solvent and the solution 	<ul style="list-style-type: none"> • Introduction - Clauses • Revising Subject and Predicate • Introduction of main clause, subordinate clause, coordinate clause 	<ul style="list-style-type: none"> • Number Sense- Word problems of percentage • Measurement- Word problems of volume 	<ul style="list-style-type: none"> • Writing questions and answers in notebook • Writing questions and answers in notebook • Discussing the workbook 	<ul style="list-style-type: none"> • Programming in scratch - blocks and script 	<p>Gujarati</p> <ul style="list-style-type: none"> • Topic writing • Vocab <p>French</p> <ul style="list-style-type: none"> • Revision
Week 4	<ul style="list-style-type: none"> • Separation techniques • Performance task: Identifying components of a mixture and preparing a booklet on separation technique 	<ul style="list-style-type: none"> • Explanation of main clause, subordinate clause, coordinate clause • Performance Task- Character Sketch 	<ul style="list-style-type: none"> • Mixed bag (rigour) • Performance task: Create a fact file of solid, liquid and gaseous fuel reserves in India 	<ul style="list-style-type: none"> • Discussing the workbook • Recap and Revision 	<ul style="list-style-type: none"> • Creating story in scratch 	<p>Gujarati</p> <ul style="list-style-type: none"> • Recap and revision <p>French</p> <ul style="list-style-type: none"> • Revision of months of the year

List of Vocabulary for - Matter

EVS Vocabulary

Molecule

Atom

Evaporation

Condensation

Melting

Dissolving

Irreversible

Expansion

Contraction

Solute

Solvent

Solution

Separation of substances

Winnowing

Homogeneous

Heterogeneous

Sedimentation

Decantation

Sieving

English Vocabulary

Auburn hair

Precarious

To scurry past

Incredulously

To burst into peals of

Laughter

To disperse
Jaunty
Impulsive
Disguise
Timid
Admiration
Deliberately
Shabby
Intently

Maths Vocabulary

Least Common Multiple
Highest Common Factor
Prime numbers
Composite numbers
Factorisation
Percentage
Area
Perimeter
Volume
Length
Breadth
Symmetry
Isosceles
Scalene
Equilateral

A note for parents: You can reinforce the above vocabulary for children by ensuring that they understand the meaning of these words and its usage meaningfully, in different contexts. Children may be able to also read and write most of these words - although they are not expected to know the spellings of all of the words from the list.

Section II - Holistic Development

Holistic Development Area	To be covered...
Art and Design	<ul style="list-style-type: none"> ● Creating a wall hanging using macrame
Sports	<ul style="list-style-type: none"> ● Athletics: Physical Fitness Components: Understand the components of physical fitness, understand the need for physical activity and its relationship with healthy and active lifestyle. Focus on Speed, Agility, Flexibility, Coordination, Balance, Endurance, and Strength ● Fitness: Students will enhance their fitness levels through different fun activities ● Karate: Judo techniques, punches and kicks, defense techniques with KUMITE Training ● Football: Defending, Dribbling - practice of finishing, redirecting the ball, push pass and instep pass
Enrichment Clusters - Performing Arts	<p>Project Title: Drama for a cause</p> <ul style="list-style-type: none"> ● Feedback and reflection on the project journey ● Activity based sessions
Enrichment Clusters- Home Economics	<p>Project Title: Fun with Baking</p> <ul style="list-style-type: none"> ● Plan and host Baker's Fair ● Reflection on the project Journey ● Students to compile their recipes in a Booklet form
Self-Enrichment	<p>Topic: Change</p> <ul style="list-style-type: none"> ● Begin with their performance task where they take the role of consultants to the school. Students will engage in process of data collection to understand various perspectives of individual stakeholders on school uniform

Assembly, Celebrations, House Activities	Events, <ul style="list-style-type: none">• Assembly:<ul style="list-style-type: none">○ Class presentations by - Class 5C, Class 6A and Class 6B• House Activity:<ul style="list-style-type: none">○ World Book Day
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