

**Upcoming Theme's Overview: Class 2**

**Theme Name and Number: Theme 1- Water, Air and Materials**

**Theme Dates: 4<sup>th</sup> July to 29<sup>th</sup> July 2022**

**Central Idea:** Water, air and materials are resources that sustain life on earth.

**Lines of Inquiry:**

- Understanding sources, characteristics of air and water
- Uses and significance of clean water and air
- Natural and man made materials around us
- Our responsibility to keep water and air clean

**English Text Name:** *Ma Ganga and the Razai Box* (Author - Geeta Dharmarajan)

Week No.	EVS	English	Maths	Hindi	ICT
<b>Week 1</b>	<ul style="list-style-type: none"> <li>• Introduction to theme - Water, Air, Materials</li> <li>• Gauging students prior knowledge of water, air and materials</li> <li>• Identification of various sources of water</li> <li>• Exploring the properties/ characteristics of water and its solid, liquid, gas forms through experiments.</li> <li>• Exploring the water cycle</li> </ul>	<ul style="list-style-type: none"> <li>• Warmer activity and describe a river in form of a poem</li> <li>• Pre-teach vocabulary (new words) to be able to read and understand the text</li> <li>• Predicting the text(Looking at the the pictures from the text and trying to guess the story)</li> <li>• Starting with reading of the text</li> </ul>	<ul style="list-style-type: none"> <li>• Place value - use manipulatives to understand that ten tens make 1 hundred</li> <li>• Addition and subtraction of numbers with/ without regrouping through Worksheet</li> <li>• Measurement - comparison of length of various objects through hand span and measuring tape</li> <li>• Explanation of Performance task - record the water intake for 2</li> </ul>	<ul style="list-style-type: none"> <li>• Revision of Varnmala</li> <li>• Writing simple words</li> <li>• Simple sentences <b>(Vakya banao)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Uses of computer and technology at various places</li> </ul>

			<p>days in school and at home and then write the conclusion and the advisory note</p> <ul style="list-style-type: none"> <li>• Place Value - understand place value through Worksheet</li> </ul>		
<b>Week 2</b>	<ul style="list-style-type: none"> <li>• Exploring uses of water and ways to save it</li> <li>• Recap on supply and storage of water and measures to save it</li> <li>• Introduction to Air- Exploring how air is present around</li> </ul>	<ul style="list-style-type: none"> <li>• Continuing reading the text</li> <li>• Comprehension- Students discussing answers to questions from workbook and writing answers in their English Notebook</li> <li>• Revision of action words and naming words</li> </ul>	<ul style="list-style-type: none"> <li>• Number Sense - Use manipulatives how ten ones become 1 ten and ten tens become 1 hundred through Worksheet</li> <li>• Geometry - Identify shapes and understand the terms sides, angles and corners through</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction of the chapter '<b>Ibnbatuta</b>'</li> <li>• Reading of the chapter '<b>Ibnbatuta</b>'</li> <li>• Writing prashn-uttar of chapter '<b>Ibnbatuta</b>'</li> </ul>	<ul style="list-style-type: none"> <li>• Application of Colour 1 and Colour 2 in the paint program</li> </ul>

	<ul style="list-style-type: none"> <li>Recap forms of air based on speed - breeze, wind and storm</li> <li>Exploring the properties of air</li> </ul>		<p>Worksheet</p> <ul style="list-style-type: none"> <li>Measurement - Comparison of estimated weight and actual weight of an object</li> <li>Rigour sums on addition and subtraction in the notebook</li> </ul>		
<b>Week 3</b>	<ul style="list-style-type: none"> <li>Exploring composition of air</li> <li>Exploring the uses of air</li> </ul>	<ul style="list-style-type: none"> <li>Introduction to common and proper nouns</li> <li>Revision of "doing" words (Verbs or action words) and common and proper nouns. Practice in 'The New Grammar Tree' book</li> <li>Revision of adjectives and practice in 'The New Grammar Tree' book</li> </ul>	<ul style="list-style-type: none"> <li>Performance task - write conclusion of the data collected and write an advisory note</li> <li>Create word problems, use a visual strategy and solve them</li> <li>Addition and subtraction of numbers (with and without regrouping of numbers 1 - 150) in</li> </ul>	<ul style="list-style-type: none"> <li>Vyakaran task of chapter '<b>Ibnbatuta</b>'</li> <li>Matra Abhyas</li> <li>Copy writing from the chapter '<b>Gatru Gadha</b>'</li> </ul>	<ul style="list-style-type: none"> <li>Formatting in Word Processor- <b>B, I</b> and <u>U</u></li> </ul>

			<p>Worksheet</p> <ul style="list-style-type: none"> <li>• Measurement - Measure objects using a tool (ruler and weighing scale) and solve the problems</li> </ul>		
<b>Week 4</b>	<ul style="list-style-type: none"> <li>• Exploring ways in which air can be kept clean through discussion</li> <li>• Identifying how various materials are used to create various objects</li> <li>• Differentiating between man-made and natural materials</li> <li>• Recap the concepts covered in this theme</li> <li>• Performance Task-</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to the performance task - Story writing using pictures</li> <li>• Practice writing performance task in class</li> <li>• Writing final draft in class</li> <li>• Revision of nouns, verbs and adjectives through worksheet</li> <li>• Dictation</li> </ul>	<ul style="list-style-type: none"> <li>• Understand patterns behind repeated addition through Worksheet</li> <li>• Mathematical reasoning - decode word problems using illustration strategy through Worksheet</li> <li>• Assessing learning through Worksheet</li> </ul>	<ul style="list-style-type: none"> <li>• Matra Abhyas</li> <li>• Shrutlekhan</li> <li>• Matra abhyas</li> </ul>	<ul style="list-style-type: none"> <li>• Application of numerical and alphabetical keys on Word processor</li> </ul>

	Designing children's clothing for one chosen season				
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List of Vocabulary for - Water, Air and Materials

EVS Vocabulary

Water

River

Lake

Groundwater

Seeps

Well

Pond

Dam

Hand-pump

Man-Made

Natural

Source

Water vapour

Steam

Air

Wastage

Oxygen

Breeze

Storm

Properties

Weight

Expands

Composition

Dust

Germs

Smoke

Materials

**English Vocabulary**

Pouring

Jumping

Heavy

Tripping

Flood

Muddy

Villagers

Village

Panchayat

Bubbling

Barren

Matted

Gurgle

Giggle

Muddy



Coax

Plea

Stomped

Rumble

Bountiful

Tangled

Stream

Water

River

**Maths Vocabulary**

Place Value

Hundred

Addition

Subtraction

Repeated Addition

Multiplication

Measurement

Weight

Centimeter

Meter

Estimation

Rectangle

Triangle

Pentagon

Vertex

Corners

**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.