

Upcoming Theme's Overview: Class 6

Theme Name and Number: Project 2- Electricity and Magnetism

Theme Dates: 9th January to 10th February 2023

Central Idea: Electricity and magnetism are physical phenomena that have wide ranging applications.

Lines of Inquiry:

- Sources of electricity (Form)
- How electricity works and is useful? (Function)
- Properties of magnet and magnetism (Form)
- Uses of magnet (Function)
- Relation between electricity and magnetism and how it is put to use by man (Connection)
- Earth as a magnet (Form)

English text name : The Lightning Rod Man - Herman Melville

Week No.	EVS	English	Maths	Hindi	ICT	Gujarati
Week 1	<ul style="list-style-type: none"> • Introduction to the project • Discussion about electricity 	<ul style="list-style-type: none"> • Introduction to the project • Discussion regarding thunderstorms and its impacts on people • New vocabulary words will be discussed through an activity 	<ul style="list-style-type: none"> • Introduction to Ratio • Simplest form of ratio • Rigor of integers 	<ul style="list-style-type: none"> • Introduce to the chapter - Akshaya Urja Bhavishya ki urja • Hard words from the chapter 	<ul style="list-style-type: none"> • Introduction to the Powerpoint presentation software • Revising all features of Powerpoint presentation 	<ul style="list-style-type: none"> • Ch 5 Continuation (Poem) • 'Naam, sarvnaam, visheshan', Rhyming words
Week 2	<ul style="list-style-type: none"> • Types and working of battery • Working of electric bulb 	<ul style="list-style-type: none"> • New words will be revised by solving worksheets • Predicting and reading for gist • Text will be read for 	<ul style="list-style-type: none"> • Ratio word problems • Calculating area of inner and outer figure 	<ul style="list-style-type: none"> • Read the Chapter and make some sentences according to the chapter • Write Q.A. in notebook 	<ul style="list-style-type: none"> • Creating a new presentation using built-in templates • Formatting a textbox • Changing alignment 	<ul style="list-style-type: none"> • Anaupcharik Patr lekhan

		details in class with comprehension			<ul style="list-style-type: none"> Applying themes on slides Changing theme colours, fonts and effects 	
Week 3	<ul style="list-style-type: none"> Introduction of Circuits Types of circuit How to make a circuit 	<ul style="list-style-type: none"> In details, the characters will be discussed - their motives, their actions and impacts of those actions Story will be summarized and interpretations will be shared 	<ul style="list-style-type: none"> Ratio word problems Calculating Area and Perimeter of regular shapes 	<ul style="list-style-type: none"> Project work on given topic like- sour urja, pavan urja etc(Group activity) 	<ul style="list-style-type: none"> Rearranging slides Copying and deleting slides Rehearse timings Slide master 	<ul style="list-style-type: none"> Ch 7 'ek chhalange Dariyo kudyo'
Week 4	<ul style="list-style-type: none"> Introduction to magnets and 	<ul style="list-style-type: none"> Character sketch will be explained 	<ul style="list-style-type: none"> Introduction to proportion Find the 	<ul style="list-style-type: none"> Exercise of workbook Discuss the 	<ul style="list-style-type: none"> Applying Animation effects 	<ul style="list-style-type: none"> Hard words, grammar, Q&A and exercise of

	<p>magnetism</p> <ul style="list-style-type: none"> • Types of magnets • Working of electromagnet 	<ul style="list-style-type: none"> • Question answers will be discussed in class • Feedback on Q/A 	<p>missing terms</p> <ul style="list-style-type: none"> • Calculating proportion 	<p>workbook</p>	<ul style="list-style-type: none"> • Adding Transitions • Insert and edit sound clips • Insert and edit video clips 	<p>the chapter</p> <ul style="list-style-type: none"> • Project work
Week 5	<ul style="list-style-type: none"> • Working of electric bell • Culmination of the project 	<ul style="list-style-type: none"> • Feedback on Q/A • Conditionals will be discussed • Exercises on conditionals • Performance task on persuasive essay will be explained will be explained • Students will write the draft in class 	<ul style="list-style-type: none"> • Proportion word problems • Simple word problems of Unitary method • Performance task - To calculate the electricity consumption of the school and based on it suggest alternative sources. 	<ul style="list-style-type: none"> • Softboard activity according to the theme • Revision 	<ul style="list-style-type: none"> • Inserting Hyperlinks • Using Action buttons • Viewing and organizing slides • Slide shows 	<ul style="list-style-type: none"> • Project work

List of Vocabulary for - Electricity and Magnetism

EVS Vocabulary

Electricity

Magnetism

Battery

Circuit

Filament

Tungsten

Electromagnet

Solenoid

Attraction

Repulsion

Magnetic lines

Demagnetisation

English Vocabulary

Swift

Audibly

Churn

Shingled

Hearth

Streaked

Innocuous

Brewed

Halos

Tempest

Admonition

Elm
Instantaneously
Dissuasive

Maths Vocabulary

Ratio
Proportion
Antecedent
Consequent
Unitary
Reduced form
Area
Perimeter

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"> • Abstract expressionism, Jackson Pollock style. • Art for bringing change. Students will have to choose a social cause, and use their artistic force to create awareness about it through a poster.
Sports	<ul style="list-style-type: none"> • Athletics: Game discipline, fitness activities, running, long jump, Students will learn about "Fit India Test" • Importance fitness test: Testing is an important part of the screening process as it gives one an accurate picture of fitness. (students will know about their fitness level) • 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 • Stages of development in fitness
Enrichment Cluster - Performing Arts	<p>Project Title: Dance Performance and Production for School's Annual Day</p> <ul style="list-style-type: none"> • Identification of elements from music and drama. • Detailing of the script using the elements. • Visualization and practicing the performance. • Learning to prepare a feedback form. • Preparing for their work display.
Enrichment Cluster- Home Economics	<p>Project Title: Experimenting with baking at school and home</p> <ul style="list-style-type: none"> • Practically understanding baking

	<ul style="list-style-type: none"> ● Baking cookies, brownie, cupcakes, tea cakes ● Learning techniques of baking
Self-Enrichment	<p>Topic: Peer pressure, Gender and Body Image</p> <ul style="list-style-type: none"> ● Navigating through peer pressure ● Setting boundaries for respectful, healthy friendships ● Examining gender roles and stereotypes ● Learning to cultivate the attitude of body positivity
Assembly, Events, Celebrations, House Activities	<ul style="list-style-type: none"> ● Assembly: <ul style="list-style-type: none"> ○ Class Presentations by Classes 6A, 6B ○ EC-Project Culmination performance class 7,8 ● Special Whole School Assembly on: <ul style="list-style-type: none"> ○ Uttarayan Celebration ○ Republic Day ● House Activity: <ul style="list-style-type: none"> ○ Activities related to STEAM ○ Activities on Cooking Challenge