

VAILANKANNI VOICE - AUGUST 2023

Grade: VIII

Subject	Week	Topics to be Covered	Learning Outcomes	Number of Assignments/ Worksheets	Number of Assessments	Teacher's Lead Activity	Student's Lead Activity
English	I	Ln-4 Grammar: Perfect tense and perfect continuous tense Creative writing: Diary entry	Understand and learn about perfect and perfect continuous tense . Learn to develop skills to write about an event.	-/1	1	PPT on Perfect tense and perfect continuous tense	Writing a diary entry .
	II	Ln- 5 On the River Bank	Learn to observe and appreciate the wide expanse of nature around them,the flora and fauna,it's beauty and it's dangers.	-	1	Showing video of Last Chance to See by Douglas Adams and Mark Carwardine	Debate
	III	Ln -5 Grammar: If clause, Creative writing: Narrative paragraphs	Understand If clause and use conditional in sentences.Learn to write narrative paragraphs.	-/1	1	PPT on If clause	Orel presentation
	IV	Poem 6 The Quangle Wangle 's Hat	Understand the poem and learn about nonsense verse .	-	1	Utter nonsense game	Writing a nonsense verse poem
Tamil	I	இயல்:2 இயற்கை ஓடை, கோணக்காத்துப் பாட்டு	நாட்டுப்புற பாடல்கள் வழி மக்களின் உணர்வுகளை அறிதல்		1		இயற்கை காட்சியை வரைந்து வண்ணம் தீட்டுதல்
	II	ஈடில்லா இயற்கை நிலம் பொது	பழங்குடியினர் இயற்கையைப் போற்றும் உணர்வை அறிந்து பின்பற்றுதல்	-/1	1		இயற்கைச் சீற்றங்கள் பற்றிய புகைப்படங்களை நாளேடுகளிலிருந்து திரட்டிப் படத்தொகுப்பு உருவாக்குக
	III	ஈடில்லா இயற்கை நிலம் பொது	மொழிபெயர்ப்புப் படைப்புகளின் மூலம் நல் உணர்வுகளை உணர்ந்து மதித்தல்		1		கதை கூறுதல்
	IV	இலக்கணம் வினைமுற்று, திருக்குறள்	வினைமுற்றுச் சொற்களின் வகைகளை அறிந்து பயன்படுத்துதல்		1	மனவரைப்படம்	

Hindi	I	पाठ 5 पुष्प की अभिलाषा	देश प्रेम राष्ट्रीय चेतना जगाना	-/1	1	Group Discussion	
	II	व्याकरण लिंक पुस्तक अभ्यास पढ़ाना	देश प्रेम की भावना समझ कर अपने देश का सम्मान करना	-/1		सैनिकों के जीवन के बारे में बोलना	काश अगर मैं सैनिक होता उसके बारे में भाषण देना
	III	पाठ 6 नम्रता	शिक्षा क्या है शिक्षा के बारे में सही अर्थ बताना	-/11	जीवन चरित्र का निर्माण महत्व है इसके बारे में कहानी बोलना	स्वच्छ भारत टीपीटी दिखाना
	IV	नम्रता पाठ्य कक्षा कार्य कराना	चरित्र महान बनने के लिए कौन से गुण अपनाना चाहिए इसके बारे में जानना	-/1		अपना जीवन महान बनाने के लिए किन आदतों को अपनाना चाहिए बच्चों से सवाल करना	जीवन में महान बनने के लिए क्या करना है बच्चे इसके बारे में कक्षा में बोलना
Maths	I	Chapter: Cubes and Cube roots 1. Cube numbers 2. Interesting patterns 3. Cube roots using prime factorisation [Ex. 6.1 and 6.2] Foundartion: 1. Cubes of negative numbers 2. Cube roots of negative numbers	1. Develop the ability to analyse and differentiate between squareroot and cuberoot. 2. Perform numerical skills and solve word problems that involve solving for cubes or cube roots 3. Develop critical thinkind and collaboration in the process		1	Finding the cube numbers using the paper folding method	Find any ten Ramanujam and Hardy Numbers
	II	Chapter: Algebraic Expressions and Identities 1. Addition and subtraction of Algebraic Expressions 2. Multiplication of Algebraic Expressions [Ex 8.1 and 8.2] Foundation: HCF of polynomials	1. Understand the relationship between algebra, geometry and arithmetic 2. Identify the terms, degree and grouping the like terms 3. Perform the addition and subtraction and product of monomial with the polynomial	-/1	1	Proving the algebraic identities	Grouping the like terms and find the HCF
	III	Chapter: Algebraic Expressions and Identities 1. Multiplying the polynomial by a polynomials [Ex.8.3 and 8.4] Foundation: LCM of polynomials	1. Perform the numerical skills and involve the ability to analyze the resultant of the multiplication of polynomials 2. Develop critical thinking and collaboration in process		1	Proving the algebraic identities	Grouping the like terms and find the LCM
	IV	Exemplar problems and HOTS	1. Analyse the problems and use critical thinking to solve the problems in different ways	-/1	1	Proving the algebraic identities	

Physics	I	Chapter - Friction. Introduction , Foundation-Force of friction and Factors affecting friction.	Understanding about factors affecting friction.				
	II	Chapter- Friction. Foundation-Causes and types of friction	Learning about the types of friction.	-/1		Activity to study the dependence of friction on the nature of surfaces .	
	III	Chapter- Friction. Foundation- Advantages of friction.	Knowing about the importance of friction in daily activities.		1		Activity to study the rolling friction is much lesser than sliding friction.
	IV	Chapter- Friction. Foundation - Disadvantages of friction.	Knowing about the disadvantages of friction in daily activities.	-/1			
Chemistry	I	Ch, 1. Destructive distillation of coal					
	II	Petroleum	Learnt the various Frctions of Petroleum and their uses	1	1	Chart work (Destructive distillation of coal process)	(Lab activity) Destructive distillation process
	III	Refining of petroleum					
	IV	Natural gas, Petrochemicals					
Biology	I	Ch: 2 Microorganisms: friend and foe. Introduction. Foundation- Bacteria and Fungi- Habitat, shape, size, structure, nutrition and reproduction. Pg: 30-35.	Understanding the tiny lives around us	-/1	1	Observing the binary fission of bacteria under microscope	
	II	Ch: 2 Microorganisms: friend and foe. Foundation- Protozoa, Algae and virus- Habitat, shape, size, structure, nutrition and reproduction. Pg: 36-42.	Learning the life processes of the microbes around us.	1/-	1		
	III	Ch: 2 Microorganisms: friend and foe. Foundation- Impact of Microbes on humans, useful and harmful microorganisms. Pg: 42-46.	Knowing the Importance of the microbes for the survival of human beings in the world	-/1	1		
	IV	Ch: 2 Microorganisms: friend and foe. Foundation-Food spoilage, Food preservation, nitrogen cycle, nitrogen fixation. Pg: 47-50.	Exploring the different roles played by the microorganisms.	1/-	1		Observing the growth of fungi in a spoilt bread slice

Social Science	I	Civics:2.Understanding Secularism	Secularism, important to separate religion from the state, Indian Secularism		1		Prepare a speech on the topic "Secularism" for about 2 mins.
	II	History:2.From Trade to Territory the company establishes power.	East India Company, Begins trade in Bengal, Battle of Plassey, trade led to battles.		1	Prepare a report on "The English East India Company's arrival and conquering on Indian provinces"	
	III	Civics:3.Parliament and the Making laws	Why should people decide, people and their representatives, role of the parliament		1	Group Discussion on Lok Sabha and Rajya Sabha	
	IV	History:3.Ruling the Countryside	Company becomes Diwan, Revenue for the company, crops for Europe, Indigo on the land of ryots, Blue Rebellion	-/1	1		Role Play: Imagine a problem in your area. Enact the discussion and the steps taken to solve the problem by the local panchayat
Computer Science	I	Artificial Intelligence & Machine Learning	NLP, CV and ML				Lab: Introduction to CSS
	II	Applications of ML	Applications of ML				Lab: Introduction to CSS
	III	AI Vs ML	How does ML work? Factors that affect the accuracy of ML application				Lab: Class name and HEX colour code
	IV	Types of ML	Supervised and Unsupervised Learning				Lab: Class name and HEX colour code