

VAILANKANNI VOICE - NOVEMBER 2024

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	Materials Required
English	I	Prose-6 This is Jody's Fawn	Students will be able to understand the importance of showing kindness and empathy towards others including animals. They explore how to make thoughtful choices that consider the well being of others.	-	1	-	Role play	-
	II	Grammar: Tenses	Students will be able to identify and differentiate between past, present and future tenses. students will be able to improve overall grammar accuracy and fluency by mastering the rules associated with different tenses.	1	1	PPt	Grammatical chairs	-
	III	Practical English Book: Listening/ speaking, Vocabulary	Students will be able to listen attentively and understand the main ideas. They develop skills to express thoughts clearly and confidently. They learn to use vocabulary accurately in various contexts.	1	1	-	-	-
	IV	Practical English Book: Reading/ writing, Grammar	students learn to make inferences and predict outcomes based on the text. students enhance creativity by expressing ideas emotions and stories in their writing.	1	1	-	-	-
Tamil	I	இயல் :5 திருக்கேதாரம், பாடறிந்து ஒழுகுதல்	இலக்கியங்களில் இடம்பெற்றுள்ள இசை பற்றிய செய்திகளை அறிதல்				பாடல் பாடுதல்	
	II	நாட்டுப்புறக் கைவினைக் கலைகள்	கைவினை கலைகளின் சிறப்புகளை அறிந்து அவற்றை வளர்த்தல்	1			மாதிரி வகுப்பு	
	III	தமிழர் இசைக்கருவிகள்	பழந்தமிழர் பயன்படுத்திய இசைக்கருவிகளின் நுட்பங்களைப் புரிந்துக் கொள்ளுதல்				இசைக்கருவி கள் பற்றி பேச வைத்தல்	
	IV	தொகைநிலை தொகாநிலைத் தொடர்கள் ,திருக்குறள்	தொகை நிலை,தொகாநிலைத் தொடர்களின் வகைகளை அறிந்து பயன்படுத்துதல்			மனவரைப் படம்		
Hindi	I	पाठ -10 केरल का राजकुमार	सद्गुणों को अपनाएंगे।	1	1	राजा के कर्तव्य के विषय में बताना।	पाठ का वाचन सही उच्चारण के साथ करना।	
	II							
	III							
	IV							

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Math	I	Chapter:6 Cubes and Cube roots. Introduction and Some interesting patterns. Smallest multiple that is a perfect cube.Exercise - 6.1, Q-1 (i, ii & v), Q-2 (i , ii & v). Exercise - 6.1, Q-3 (i, ii & v), Q-4	Students would be able to 1. Develop the ability to analyze and differentiate square root and cube root. 2. Perform numerical skills and solve the word problems that involve solving for cubes or cube roots and develop critical thinking and collaboration in the process.	1	1	Exploring the cube of numbers.		
	II	Cube Roots and Cube root through prime factorisation method. Exercise - 6.2, Q-1 (i , ii , iii , iv & v).						
	III	Chapter: 7 Comparing quantities. Recalling Ratios and Percentages. Exercise - 7.1, Q-1 (i , ii), Q-2 (i), Q-3, Q-4 & Q-6. Finding Discounts. Exercise 7.2 Q-1 & Q-2. Sales tax, Value added tax, Goods and service tax. Exercise- 7.2, Q -4. Simple interest and Compound Interest. Exercise - 7.3, Q-1 & Q-2	1. Students will develop the ability to understand about the ratio and percentages. 2. Students would be able to develop the ability to analyze and solve problems on profit and loss, compound interest and Taxes.	1	1	Comparing compound interest and simple interest.	-	
	IV	Chapter: 8 Algebraic Expression and Identity. "Addition and Subtraction of Algebraic Expression.Exercise 8.1. Q-1 (i & iv), Q-2 (a & c)" "Multiplication of Algebraic expressions. Exercise-8.2, Q1,2,4(i & iii) & Q5(i to iii)" "Multiplying a Monomial by a Polynomial. Exercise-8.3, Q-1 & Q3(i & ii)". "Exercise-8.3, Q-4(a) & Q5(a & d)" "Multiplying a Polynomial by a Polynomial, Exercise-8.4, Q1(i,iii & vi) " "Exercise-8.4, Q2(i & iii) & Q3(i, iv, v & vii)"	"Classifying expressions: Students learn to classify algebraic expressions as monomials, binomials, trinomials, or polynomials. Identifying terms: Students learn to identify like and unlike terms in algebraic expressions. Using exponents: Students learn to use the rules of exponents and powers. Simplifying expressions: Students learn to simplify algebraic expressions. Finding values: Students learn to find the value of an expression for a given value of the variable. "	1	1	Addition of algebraic expression by using colour tiles	Colour tiles / Colour sheets.	

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Physics	I	Light-Introduction-What makes things visible,Laws of reflection	*Recognise that light makes things visible to us * Can differentiate Luminous and non-luminous objects . * Define reflection of light and comprehend the laws governing it			Using a mirror, principle of reflection and laws governing reflection can be explained through demonstration.	List out the example of luminous and non-luminous objects.	lab equipments
	II	Regular and diffused reflection, reflected light can be reflected again,multiple images, kaleidoscope	*Identify how regular and diffused reflection of light takes place. *Explain the image formed in a plane mirror . *Illustrate the formation of multiple images and list its applications (Kaleidoscope)			Illustrate the formation of multiple images with the help of mirrors	Learn Questions 1,2,3 and 4 from book exercise	Av resources
	III	Writing of classwork till the completed portion						
	IV							
Chemistry	I	Ch-11 Chemical Effects of Electric Current - Classwork completion	Children will concentrate on their handwriting.	1	1			
	II	Ch-12 Some Natural Phenomena - Lightning and Charging by Rubbing	Children will know about the discovery of lightning and charges.				Activity 12.2 in textbook pg-151(Charging by Rubbing) under parent observation	
	III	Ch-12 Some Natural Phenomena - Types of charges and Transfer of charge	Children will learn about positive and negative chargesand how it can be transferred.				Activity 12.3 in textbook pg-152 (Types of Charges)	
	IV	Ch-12 Some Natural Phenomena - Story of Lightning and Lightning Safety	Children will understand about the process of lightning.					Seminar

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Chemistry foundation	I	Ch: 4 Chemical effects of electric current- introduction, conduction of electricity in liquids.	Children might have learnt the different types of liquid conductors.	1	1		seminar	
	II	Ch: 4 Chemical effects of electric current- electrolytes, good and bad conductors, insulators.	Children might have understood the force of attraction between positive and negative ions					
	III	Ch: 4 chemical effects of electric current- theory of electrolytes and formation of ions.	children would have understood the concept of ion formation.					
	IV	Ch: 5 Some Natural Phenomena- Introduction, lightning	Students might have explored the natural phenomenon of lightning.					
Biology and Biology Foundation	I	Chapter 7 - Reproduction in Animals	* Understand the concept of reproduction	1	1	Textbook activities		
	II		* Identify and differentiate the types of reproduction					
	III		* Distinguish different stages of life cycle in animals.					
	IV							
Social Science	I	Civ-Ln 5 Judiciary	Students will understand the rights of individuals within the judicial system and discuss the responsibilities of citizens when it comes to law and order.	1	1	Dispute between two friends and how is been resolved as a case	Mock trial court	coats,books
	II	His In-3 Ruling the country side	Students will identify and discuss key themes in the text, such as leadership, community involvement, and the challenges of rural living.	1	1	case studies on Indigo rebellion	organizing community gardens	flowers,seeds
	III	Geo Ln-4 Industries	Students will investigate how technology has changed industries over time, including automation and advancements in production methods.	1	1	small scale industries in krishnagiri and its importance	mock job fair,public speaking	Any familiar industry logo
	IV	His Ln-5 When people rebel 1857 and after	Students will create a fictional scenario in which they are leaders of a countryside community, outlining their plans for addressing local issues and promoting community welfare.	1	1	Acheivements of rebels pictures	case study resesrch,Role play	-