

VAILANKANNI VOICE - OCTOBER 2024

Grade: VII

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							
	II	Prose: The Devoted Friend	The students will understand the value of true friendship and the importance of not taking advantage of others		1	Debate: Should friends prioritize honesty or loyalty	Role play	
	III	Poem: Teachers	The students will understand educating a girl is one of the most powerful ways to change the world		1			
	IV	Grammar: Phrases and clauses Poetic devices	Students will be able to create grammatically correct sentences using phrases and clauses.	1				
Tamil	I	இயல்:4 கலங்கரை விளக்கம்	கடற்பயணம் சென்று கரை திரும்பத் தமிழர் கண்ட தொழில்நுட்பமே கலங்கரை விளக்கம் என்பதை அறிதல்	-	-		பாடல் பாடுதல்	
	II	கவின்மிகு கப்பல்	அச்சம் தரும் கடலில் அஞ்சாது கப்பலோட்டியவர் நம் தமிழர் என்பதை அறிதல்	1		-	பாடல் பாடுதல்	
	III	இயல்:4 அறிவியல் ஆக்கம் தமிழரின் கப்பற்கலை	பயணத்தின் வகைகள் மற்றும் கப்பல் கட்டுவதும் கப்பலைச் செலுத்துவதும் மிகச் சிறந்த தொழில்நுட்பம் சார்ந்த கலை என்பதை அறிதல்				தரைவழிப் பயணம், கடல்வழிப் பயணம், வான்வழிப் பயணம் ஆகியவை குறித்து வகுப்பறையில் பேச வைத்தல்	
	IV	இயல்:4 ஆழ்கடலின் அடியில்	ஆழ்கடலில் உள்ள விந்தைகளை அறிதல்			கதை கூறுதல்		
Hindi	I	पाठ- 9 प्रभात	छत्रि प्रकृति में हीने वाले परिवर्तनों को समझेंगे	1		प्रकृति की सुंदरता और ताजगी का वर्णन करना	कविता का सस्वर वाचन करना	
	II	पाठ- 9 प्रभात	एकाग्रता से पढ़ना आलस्य से दूर होना और उन्नति के रास्ते पर चलना			कविता का भाव समझाना	बच्चों से कक्षा में पूछना चाहिए कि प्रातः काल होने पर प्रकृति में क्या-क्या परिवर्तन होते हैं	
	III	पाठ- 9 प्रभात	इस पाठ में दिए गए व्याकरण को पढ़कर समझाना					
	IV	पाठ- 9 प्रभात	इस पाठ से प्रश्न उत्तर कक्षा कार्य करना				लिखने का अभ्यास सीखेंगे	

Math	I	Ch-4, Simple Equation A Mind-reading game, Setting up of an Equation & Review of what we know, What Equation is? Exercise-4.1, Q1(vii to xi), Q2(a to c) & Q3(i) Exercise-4.1, Q4(i to v), Q5(i to iv) & Q6(i & ii) Solving an equation, Exercise-4.2, Q1(a to d), Q2(a to d)	After Completion of this lesson every student will be able to 1) Explain what a constant is? what a variable is? what an expression is? and finally what an equation is? 2) Solve equations by balancing both sides 3) Solve equations by transposition method. 4) Convert Real life problems into equations and solve. 5) Recognize the significance and appreciate the importance of Equations in real life situations.	1	2	To Relate age of the student to the age of their parents	To produce mathematical equations	Colour Sheets Fevicol Scissor Ruler Colours
	II	Exercise-4.2, Q3(a & c), Q4(a to f) More Equation, Application of simple equation to practical situations Exercise-4.3, Q1(a to d). Q2(a) Exercise-4.3, Q3(i & ii). Q4(a & b)		After Completion of this lesson every student will be able to 1) Find the counter part of every complementary angle in its pair as well as in Supplementary pair. 2) Identify all angle pairs generated out of a transversal passing through two lines. 3) Recognize pairs of supplementary angles and equal angles generated out of a transversal passing through two parallel lines 4) Can differentiate between intersecting lines and parallel lines 5) Recognize the significance and appreciate the importance of Lines and Angles in real life situations.	1	2	To show them types of angles in day to day life	To verify, by paper cutting and pasting, that if two parallel lines are intersected by transversal
	III	Chapter - 5 Lines and Angles Introduction, Related Angles Exercise-5.1, Q3(i to iii) Exercise-5.1, Q4 & 6	After Completion of this lesson every student will be able to 1) Find the counter part of every complementary angle in its pair as well as in Supplementary pair. 2) Identify all angle pairs generated out of a transversal passing through two lines. 3) Recognize pairs of supplementary angles and equal angles generated out of a transversal passing through two parallel lines 4) Can differentiate between intersecting lines and parallel lines 5) Recognize the significance and appreciate the importance of Lines and Angles in real life situations.		1	2	To show them types of angles in day to day life	To verify, by paper cutting and pasting, that if two parallel lines are intersected by transversal
	IV	Pairs of Lines, Checking of parallel lines Exercise-5.2, Q1 Exercise-5.2, Q2, Q4(ii), Q5(i) & Q6(i & iii)		After Completion of this lesson every student will be able to 1) Find the counter part of every complementary angle in its pair as well as in Supplementary pair. 2) Identify all angle pairs generated out of a transversal passing through two lines. 3) Recognize pairs of supplementary angles and equal angles generated out of a transversal passing through two parallel lines 4) Can differentiate between intersecting lines and parallel lines 5) Recognize the significance and appreciate the importance of Lines and Angles in real life situations.	1	2	To show them types of angles in day to day life	To verify, by paper cutting and pasting, that if two parallel lines are intersected by transversal

Physics	I	Ch-10 Electric current and its effects- Intorduction, Symbols of electric components and heating effect of electric current	Student will have an in depth knowledge of various symbols of the components used in electric circuits. They are also introduced to various effects of electric current. They will understand the concept of heating effects of Electric current	-	1	Explanation using different electrical components available in the classroom	Seminar	Wires and Switches a small bulb
	II	Applications of heating effect and magnetic effects of electric current	They will appreciate the working of various electrical applicanes that are based on heating effect of electric current, they also understand the concepts of magnetic effects of electric current and its origin.	-		Demonstration using a bulb	Seminar	small heating devices
	III	Class Work Writing	-	-		-	-	-
	IV	Electromagnet and Electric bell	Students will know about an electromagnet and its uses . They understand principle	1		Explanation using A/V resources	Seminar	Electric bell
Chemistry	I				1			
	II	CH-12 Forest * Importance of forest. * Forest products. * Forest floor, Crown and Canopy	Students will explore the diverse types of animals and plants found in forests. They will be able to identify the products that are obtained from forests.			Garden visit at school	Mind Map	
	III	CH-12 Forest * Interrelationship of plant, soil and decomposers. * Notes for the completed portions.	Students will learn about humus and analyse how the various components of a forest are dependent on each other.	1			Formation of humus by digging a pit and putting vegetable waste.	Vegetable waste and garden hand trowel.
	IV	CH-12 Forest * Balance of	Students will recollect the process of photosynthesis, water cycle and seed dispersal by animals.				paper craft or chart activity	
Chemistry foundation	I				1			
	II	Ch: 10 Forest- introduction, soil erosion- causes and prevention.	Children might have learnt the importance and role of forest in the survival of organisms.				Seminar	
	III	Ch:10 Forest- plants being dependent on animals, producers, consumers and decomposers.	Students might have understood the role of plants in the food web.	1				

	IV	Ch: 10 Forests- Balance in nature, forest conservation.	Children might have learnt the measures to protect and conserve forests.			visiting a forest		
--	----	---	--	--	--	-------------------	--	--

Biology and Biology Foundation	I							
	II	Respiration and Breathing	Children will understand the difference between Respiration and Breathing .			Inhale and Exhale Activity, finding Breathing rate of the children friends.	Seminar	
	III	Breathing Mechanism	Children will get a clear view on the different organs involved in the process of Respiration and also how the lungs exchange the gases and utilise it for the generation of energy.	1	1	The Ballon Activity		1 Jar, 2 straws, 2 Ballons, air pump
	IV	Breathing in Animals, Aquatic animals and Plants	Children will understand the breathing mechanism in different organisms and how they differ from each other.					
Social Science	I							
	II	History -2.Kings and Kingdo	Tracing the evolution of dynasties from ancient to medieval times, understanding different forms of kingship	1	1	Interactive story telling.	Map activity	
	III	Geography-3.Our Changing Earth	Understanding the concept of Earth's dynamic nature,various forms of Earth's surface.	1	1	-	Report writing activity	
	IV	Civics-4.Growing up as boys and girls	Explore how gender can influence access to education,employment and other opportunities	1	1	-	Comic strip	
Live Life	I							
	II	Ln-9.Life's Blueprint	Understanding the importance of developing a clear picture of who we want to be.	-	-	-	The Fishbone Diagram activity	
	III	Ln-10.Rock Solid	Understanding about friendship	-	-	What is your center?(Chart activity)	Chart activity	
	IV	Ln-11 The End Game.	Learning the concept of Personal mission statement				Writing personal mission statement (A4 sheet)	