

VAILANKANNI VOICE -OCTOBER 2023

GRADE 9	TOPICS TO BE COVERED		LEARNING OUTCOME	NO.OF ASSIGNMENT S/ WORKSHEET S	NO.OF ASSESSMENTS
SUBJECT	WEEK	NCERT FOUNDATION			
ENGLISH	I	Subject Verb Concord	Application	1	1
	II	Descriptive Paragraph (Place). Workbook - Unit-3&4, The snake and the mirror.	Resilience - Life skill	1	1
	III	A Legend of the Northland, My childhood, The Happy Prince.	Significance of gratitude in Life.	3	1
	IV	Reach For the Top, No Men are Foreign, The Last leaf.	Constructively ambitious attitude.	3	1
	V	Reported Speech	Application - Narration	1	1
TAMIL	I	இயல்:3 அகழாய்வுகள், வல்லினம் மிகும் இடங்கள்	தொல்லியல் எச்சங்களைப் பாதுகாக்கும் முறையைக் கற்றுக் கொள்ளுதல்.		
	II	திருக்குறள், இயல்:4 இயந்திரங்களும் இணையவழிப் பயன்பாடும்	மின்னணு இயந்திரங்களின் தேவையையும் இணையத்தின்	1	
	III	ஓ,என் சமகாலத் தோழர்களே!, உயிர் வகை	இலக்கியங்கள் காட்டும், தமிழர்களின் அறிவியல்		2
	IV	விண்ணையும் சாடுவோம், வல்லினம் மிகா இடங்கள்.	அறிவியல் செய்திகளையும் தெரிந்து கொள்ளுதல்.	1	
	V	இயல்:5 கல்வியில் சிறந்த பெண்கள்	பெண்கல்வியின் முக்கியத்துவத்தை அறிந்து கொள்ளுதல்		
HINDI	I	सियारामशरणगुप्त, रामधरी सिंह दिनकर	कला समीकित पटन कोशल प्राप्त होगा। कविता पाठकरने का कौशल प्राप्त। जीवन की वास्तविकता का परिचय होगा। भाषिक ज्ञान का वर्धन।	1	
	II	कल्लू कुम्हार की अनाकोटि	पाठ पटन द्वारा शुद्ध उच्चारण और आरोह अवरोहण का ज्ञान प्राप्त।	1	1
	III	संधि, प्रत्यय, उपसर्ग	देश प्रेम की भावना का विकास होगा मुहावरों का ज्ञान प्राप्त।		1
	IV	शुक्रतारे के समान		1	
	V	मेरे छोटा सा निजी पुस्तकालय		1	

MATHS	I	Congruence of triangles.	MTG-Pg:119,120 sums:1,2,3,4	Congruence of triangles based on angles and sides.		
	II	Properties and congruence criteria of triangles.	MTG-Pg:123 sums:9,10	SAS,ASA,AAS,SSS and RHS Congruence criteria.	1	1
	III	Introduction and types of quadrilaterals.	MTG-Pg:145 sums:1,2	Different quadrilaterals -relating sides, angles and diagonals.		1
	IV	Properties of parallelogram.	MTG-Pg:149 sums:2,4	Theorems based on sides,angles and diagonals.	1	1
	V	Mid point theorem.	MTG-Pg:147 sums:5,6	Method of using mid-point theorem in sums.		1
PHYSICS	I	Gravitation: Gravitation; Universal Law of Gravitation	Universal law related applications and numericals related to gravitational force	Students understand the concept of Gravitation		
	II	Force of Gravitation of the earth (gravity)	gravity and the factors affecting gravity	learn to find out the gravitational force between any objects	1	
	III	Acceleration due to Gravity	variation of gravity with height	learn the concept of gravity and its variation in different places	1	
	IV	Mass and Weight; Free fall.	difference between mass and weight, weight in different places	Understand the difference between mass and weight		1
	V	Floatation: Thrust and Pressure. Archimedes' Principle; Buoyancy.	Archimedes Principle application	Learn the principle and it's applications	1	1
CHEMISTRY	I	Atoms and Molecules Introduction to the chapter Laws of Chemical Combination i) Law of Conservation of Mass ii) Law of Constant Proportion	Limitations of law of constant proportion Problems related to law of Constant Proportion	Students will be able to understand the laws of chemical combination and the importance of Law of Conservation of Mass and Law of Constant Proportion		
	II	Dalton's Atomic Theory Drawbacks of Dalton's Atomic Theory Atoms: Symbols used to signify an atom significance of a symbol	Explanation of laws of chemical combination by Dalton's Atomic Theory	Students will be able to list the postulates of Dalton's Atomic Theory and solve problems related to Law of Conservation of Mass and Law of Constant Proportion.		
	III	Molecules,( Monoatomic,diatomic....) Ions( positive, negative and polyatomic ions) Valency of ions	Information	Students will be able to understand the difference between atoms and molecules, learn the positive, negative and polyatomic ions		

	IV	Formula of simple compounds , Molecular Mass, calculate the molecular mass and Formula unit mass	writing the formula of ionic compounds	Students will be able to write the formula of the compounds and calculate the molecular mass and Formula unit mass of the given compounds		
	V	Mole concept, problems for mole concept Discussion of Text book exercises.	Mole in terms of mass, volume and ionic compounds	Students will be able to solve the problems for mole concept.		
BIOLOGY	I	Ch: 12 Improvement in Food Resources- Introduction, Improvement in Crop Yields and Crop Variety Improvement. Pg:no: 140- 142.	Ch: 12 Improvement in Food Resources- Introduction, Sustainable Agriculture, Crops and types, Improvement in Crop Yields and Crop Variety Improvement. Pg:no: 174-179.	Children might have explored the resources of food, process of agriculture and the types of crops.	1	1
	II	Ch: 12 Improvement in Food Resources- Crop Production Management: Nutrient Management, Irrigation and Cropping Pattern. Pg:no: 142-145.	Ch: 12 Improvement in Food Resources- Crop Production Management: Nutrient Management, Irrigation and Cropping Patterns. Pg:no: 179-186.	Children might have understood the steps involved in crop production management and they will be able to relate it with their own gardening processes.	1	1
	III	Ch: 12 Improvement in Food Resources- Crop Protection management: Storage of grains and Animal Husbandry: Cattle farming. Pg:no: 145-147.	Ch: 12 Improvement in Food Resources- Crop Protection Management: weed control, insect pests, pathogens, storage of grains. Animal Husbandry: Cattle farming. Pg:no: 186-193.	Children might have become scrupulous in agricultural processes and explored the source of food from animals.	1	1
	IV	Ch: 12 Improvement in Food Resources- Animal Husbandry: poultry farming, Fish production and Bee-keeping Pg:no: 147-150.	Ch: 12 Improvement in Food Resources- Animal Husbandry: Poultry Farming, Fish Production and Bee-keeping. Pg:no: 193-200.	Children would have understood the whole concept of the lesson and the different sources of food.	1	1
	V	Ch: 12 Improvement in Food Resources- Recapitulation of the lesson, seminars by the children.	Ch: 12 Improvement in Food Resources- Recapitulation of the lesson, seminars by the children.	Children will be stepping forward to share their views on lesson and they might have overcome the stage fear by taking seminars in the class.	1	1

SOCIAL SCIENCE	I	HISTORY: Nazism and the Rise of Hitler;Ln: Birth of the Weimar Republic GEOGRAPHY: Drainage Systems in India CIVICS: Electoral Politics; Why Elections ECONOMICS: Ln: 2 People as Resource	His: Students will cite the events that helped Hitler's rise to power Geo: Students will enlist the different rivers. Civics: Students will able to evaluate the role of political parties to adhere to electoral promises. Eco: Analyse and infer how the prevailing farming conditions impact economic development of different states.		1
	II	HISTORY: Ln:2 Hitler's Rise to Power GEOGRAPHY: The Himalayan Rivers CIVICS: Topic: What is our System of Elections? ECONOMICS: Topic : Economic Activities by Men and Women	His: Students will able to evaluate various character traits of Hitler's Geo: The areas they serve and their impact on the economy of that area Eco: Enumerate the different schemes of Government in some states	1	1
	III	HISTORY: Ln: 3 The Nazi Worldview GEOGRAPHY: The Peninsular Rivers CIVICS: Cont:Topic :3.2 ECONOMICS: Topic: 3 Quality of Population	His: Students will able to contrast the characteristics of Bismarck and Hitler Geo: Enumerate the different lakes and describe their contributon to the Indian ecology civics: Create a solition for eradication of malpractices in elections eco: Infer on the quality of people there by.		1
	IV	HISTORY: Ln: 4 Youth in Nazi Germany GEOGRAPHY: Lakes; Role of Rivers in the Economy; Rive Pollution CIVICS: Topic: 3.3 What makes Elections in India Democratic? ECONOMICS: Cont: Topic 3: Quality of Population	His: Students will able to analyse the role of "Treaty of Versailles in the rise of Nazism and Hitler Geo: Present creative solutions to overcome the water pollution also to increase the contribution of water bodies to Indian economy and explain the role of rivers in human society. Civics: Differentiate between representative democracy and competitive party politics.		
	V	HISTORY: Ln:5 Ordinary People and the Crimes Against Humanity CIVICS: Cont: Topic : 3.3 ECONOMICS:	His: Students will able to critque the genocidal war waged against Jews by the Nazis. Civics: The essential features of the Indian Electoral system. Eco: Propose solutions to resolve unemployment problem	1	1