

VAILANKANNI VOICE -NOVEMBER 2023

GRADE 9	TOPICS TO BE COVERED		LEARNING OUTCOME	NO.OF ASSIGNMENT S/ WORKSHEET S	NO.OF ASSESSMENTS	
SUBJECT	WEEK	NCERT				Foundation
ENGLISH	I	Reach For The Top, House is not a Home.		Grateful attitude in life	1	1
	II	Kathmandu, The Beggar.		Constructive ambitious achievement.	1	1
	III	If I were You, On Killing a tree.		Environmental responsibility.	1	1
	IV	Words and expressions - 1to 6		Application	-	-
	V	A slumber did my spirit seal, Modals		Application, Poetic devices.	1	1
TAMIL	I	இயல்:5 கல்வியில் சிறந்த பெண்கள்		கல்வி, பெண்கள் முன்னேற்றத்தில் பெரும் பங்கு ஆற்றியுள்ளமையை உணர்ந்து பெண் கல்வி தம் பங்களிப்பை நல்குதல்		
	II	குடும்ப விளக்கு,சிறுபஞ்சமூலம்		இலக்கிய வடிவங்களின் வழி கருத்துக்களைப் படித்து அறிதல்	1	
	III	வீட்டிற்கோர் புத்தகச்சாலை		நூலகத்தின் பயனறிந்து பயன்படுத்த முனைதல்		1
	IV	இடைச்சொல் -உரிச்சொல்		இடைச்சொல் உரிச்சொல் ஆகியவற்றை எழுதுதலில் முறையாகப் பயன்படுத்துதல்.	1	
	V	இயல்:6 சிற்பக்கலை		தமிழர் சிற்பக் கலையின் வரலாற்றுச் சிறப்பை போற்றுதல்		1
HINDI	I	गीत अगीत	-	कला समकित पटन कौशल प्राप्त होगा।	1	
	II	अग्निपथ	-	कविता पाठकरने का कौशल प्राप्त।		1
	III	हमीदखा	-	जीवन की वास्तविकता का परिचय होगा।	1	
	IV	दीये जल उटे	-	पाठ पटन द्वारा शुद्ध उच्चारण और आरोह अवरोहण का ज्ञान प्राप्त।		1
	V	दोहराव	-		1	
	I	Angle subtended by a chord at a point,Equal chords and their distance from the centre	Illustration problems - 1,2,3.Ref page:197	Students will be able to understand equal chords subtend equal angles at the centre.		1

MATHS	II	Angle subtended by an arc of a circle and cyclic quadrilaterals	Illustration problems - 7,8,9. Ref page:200	They will be able to understand cyclic quadrilateral and its properties.	1	1
	III	Chapter 11. Surface areas and volumes- Introduction of solid shapes and formulae on surface areas and volumes.	Illustration problems- 1,2,3 .Ref Page 255	Students will be able to analyse the difference between TSA, CSA and LSA of solid shapes.	1	1
	IV	Surface area of right circular cone - Ex: 11.1	Illustration problems - 6,7,8. Ref page: 258	They will be able to apply the concept of cone in day to day life.		1
	V	Surface area of a sphere- Ex: 11.2	Illustration problems - 10,11,12. Ref page: 260	They will be able to find the surface area and volume of the sphere.		1
PHYSICS	I	Work done by a Force,	work done ,formula,unit,dimensions	Understand the concept of work in physics.	1	
	II	Work, Energy and Power	Energy,unit,types,formula,dimensions	learn the term energy and it's importance	1	
	III	Kinetic and Potential energy;	kinetic and potential energy,formula	Able to classify the energy required for motion as well as at position	1	
	IV	Law of conservation of energy (excluding commercial unit of Energy).	Energy conservation	Understand the concept of conservation laws	1	
	V	Exercise Questions	MCQ and numerical based questions		1	1
CHEMISTRY	I	Structure of an Atom Charged particles in Matter The structure of an atom	Electrical nature of matter Charged particles in matter	Students will be able to know more about Charged particles in Matter and structure of the atom.	1	1
	II	Thomson's model of an atom Rutherford's model of an atom Bohr's model of an atom	Characteristics of an electron Discovery of Proton Properties of Anode rays	Students will be able to draw Thomson's model of an atom Rutherford's model of an atom Bohr's model of an atom	1	1
	III	Neutrons How are electrons distributed in different orbits	Main features of Thomson's and Rutherford's model of an atom	Students will be able to understand more about neutrons and distribution of electrons in different orbits.		
	IV	Valency Atomic number and Mass number	Electronic configuration significance of electronic configuration	Students will be able find the valency of different elements Understand about Atomic number and Mass number		
	V	Isotopes and Isobars Intext and Textbook exercise	Significance of valence electrons Combining capacity	Students will be able to know more about Isotopes, Isobars and their uses.	1	1

BIOLOGY	I	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
	II	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
	III	Ch: 12 Improvement in Food Resources- Animal Husbandary: poultry farming, Fish production. Pg:no: 147-149.	Ch: 12 Improvement in Food Resources- Animal Husbandry: Poultry Farming, Fish Production and Bee-keeping. Pg:no: 193-197.	Children would have understood the whole concept of the lesson and the different sources of food.	1/	1
	IV	Ch: 12 Improvement in Food Resources- Animal Husbandary: Bee-keeping. Pg:no: 150&151.	Ch: 12 Improvement in Food Resources- Animal Husbandary: Bee-keeping. Pg:no:197-200	Children would have explored the world of bees and the intelligence of honey bees	/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
	I	His: Ln: 3 Topic: Youth in Nazi Germany, Topic: Ordinary People and the crimes against Humanity Civics: Electoral Politics; Topic: Why Elections? Economics: Ln: 2 Topic: Quality of Population; Unemployment		His: The students will be able to know the effects of school system, the Nazi cult of motherhood. The Nazi killing operation was also called the holocaust. Civics: The students will be able to understand that everyone should have one vote and every vote should have equal value. Political merits and demerits. Eco: The students will be able to understand about the literacy rate, health of a person, skill formation.	1	

SOCIAL SCIENCE	II	His:Ln: 4 Forest society and colonialism; Topic: Why Deforestation? Civics: Topic: What is our system of Elections? Economics: Ln: 3 Poverty as a challenge; Topic: Two typical cases of Poverty Geo: Ln: 4 Climate Introduction	His: The students will be able to know that forest gives us a mixture of things to satisfy our different needs, its products. Due to increase in population over the centuries. Civics: The students will be able to understand about the Lok Sabha and Vidhan Sabha and election campaign. Eco: The students will be able to know about the poverty line and vulnerable groups in modern days, analysis of poverty based on and measurement of Poverty.	1	
	III	His: Topic: The Rise of Commercial Forestry Civics: Topic: What is our system of Elections? Cont Economics: Poverty as seen by social scientists Geo: Topics: Climatic Controls	His: The students will be able to understand about Nomadic and pastoralist communities, firms trading in timber, plantation owners, shifting cultivation. Civics: Topic : Systems of elections in India, the Indian election law. Eco: causes of poverty, anti-poverty measures, challenges to poverty Geo: Latitude, altitude, pressure and wind system, distance from sea, ocean, currents and relief features.	1	
	IV	His: Topic: Rebellion in the forest Civics: What makes elections in India Democracy? Economics: Poverty Estimates Geo: The Indian Monsoons; The onset of the Monsoon and Withdrawl	His: Location of Bastar and beliefs of the people of Bastar, causes for Bastar rebellion, results of bastar rebellion. Civics:How in our country elections are conducted by an independent and very powerful Election commission. Eco: The effects of economic growth on the people of India Geo: The important facts to understand the mechanism of the Indian monsoons.	1	
	V	His: Forest Trasformation in Java Civics: What makes elections in India Democracy? Cont Geo: The Seasons Eco: Inter-state Disparities; Global Poverty Scenario	His:Causes for forest rebellion in Java and how samminist movement in Java occurred. Civics: the quality of election process to see whether people participate in it with enthusiasm. Eco: anti poverty measures according to the states	1	