

Teaching-Learning Material for Grade 5th						
SN	Topic	Material Needed	Purpose/use of Material	Required Quantity	Total Quantity	Total Amount in PKR with Taxes and Transportation
General Science						
1	Classification of Living Things	chart of 5 kingdom system of classification	to familiarize and aware students about the classification of plants and animal. The students will also know about the different seeds of	1 for each class/ section	For 100 Schools	
		plastic animals vertebrates and invertebrates		1 for each class/ section	For 100 Schools	
2	Microorganisms	chart of different kinds of bacteria, fungi and virus	to learn about the different pathogens, performs activity for yeast and know the ways through which germs travel	1 for each class/ section	For 100 Schools	
				1 for each class/ section	For 100 Schools	
		play dough for making models of different germs		1 for each class/ section	For 100 Schools	
				1 for each class/ section	For 100 Schools	
3	Flowers and Seeds	test tube		1 for each class/ section	For 100 Schools	
		Colored charts		1 for each class/ section	For 100 Schools	
		cotton		1 for each class/ section	For 100 Schools	
		cork		1 for each class/ section	For 100 Schools	
4	Environmental Pollution	candles	to understand the different types of pollution, their causes and the concept of biodegradable	3 per class	For 100 Schools	
5	Physical and Chemical changes of matter	beaker	to understand the different states of matter, their interchangeable physical states and their properties	1 for each class/ section	For 100 Schools	
		petri dish / evaporation dish		2 per class	For 100 Schools	
		spirit lamp		2 per class	For 100 Schools	
		blue litmus paper		1 for each class/ section	For 100 Schools	
		dishwashing net		2 per class	For 100 Schools	
		glass rod		2 per class	For 100 Schools	
		solid wax		1 for each class	For 100 Schools	
		torch		1 for each class/ section	For 100 Schools	
6	Light and Sound	chart of transparent, opaque, translucent objects	recognize that the size of the shadow created by the position of the Sun use to tell the estimated time .recognize and identify the four directions .Use of materials is effective for activity base teaching as well as learning	1 for each class/ section	For 100 Schools	
		magnifying glass		2 per class	For 100 Schools	
		packing tape		1 for each class/ section	For 100 Schools	
		sound speaker		1 for each class/ section	For 100 Schools	
		jingle bell		2 per class	For 100 Schools	
7	Electricity and Magnetism	wooden stands	to practically demonstrate the flow of electricity in open and closed circuits and understand compass	2 per class	For 100 Schools	
		electric cell / battery		2 per class	For 100 Schools	
		metal wires		3 foot (2 for each class)	For 100 Schools	
		switch		1 for each class/ section	For 100 Schools	
		compass		2 per class	For 100 Schools	
		charts of negative and positive charges		1 for each class/ section	For 100 Schools	
		Bar magnet		2 per class/ section		
		U magnet		2 per class/ section	For 100 Schools	
8	Structure of the Earth	globe	to identify the sources of water and understand the water cycle and different forms of soils	1 for each class/ section	For 100 Schools	
		horizontal cut globe for identifying layers of earth		1 for each class/ section	For 100 Schools	
		chart of sources of water		1 for each class/ section	For 100 Schools	
		magnifying glass		2 per class	For 100 Schools	
		styrofoams		2 per class	For 100 Schools	
9	Space and Satellites	models / charts of satellites	to analyze the difference between natural and man-made satellites and know about the moons of different planets	1 for each class/ section	For 100 Schools	
		horizontal cut globe for identifying layers of earth		1 for each class/ section	For 100 Schools	
		chart of different moons of different planets		1 for each class/ section	For 100 Schools	
		models of satellites and moon		1 for each class/ section	For 100 Schools	

10	Technology and Everyday Life	skewers	to develop understadning about the dangers and practice first aid	1 for each class/ section	For 100 Schools	
		card board		2 per class (1m and 5 cm)	For 100 Schools	
		spirit Lamp		2 per class	For 100 Schools	
		32 led bulbs		32	For 100 Schools	
		12 V battery		2 per class	For 100 Schools	
		1 m long and 5 cm wide cardboard		2 per class	For 100 Schools	
		colored papers		1 for each class/ section	For 100 Schools	
		reeds		2 per class	For 100 Schools	
		saline water		1 bottle per water	For 100 Schools	
		sterile bandages		1 pack per class	For 100 Schools	
		guaze swab		1 pack per class	For 100 Schools	
		pyodine		2 per class	For 100 Schools	
		sterile gloves		1 for each class/ section	For 100 Schools	
		cutter		2 per class	For 100 Schools	
		pliers		2 per class	For 100 Schools	
English						
1	Patience	chart of silent letters	to tell about the types of nouns and articles and also distinguish between diagraphs and trigraphs	1 for each class/ section	For 100 Schools	
		chart of types of nouns		1 for each class/ section	For 100 Schools	
		chart of articles		1 for each class/ section	For 100 Schools	
		chart of diagraph and trigraphs		1 for each class/ section	For 100 Schools	
2	Be Grateful	vowels and consonants charts	to describe vowels, consonant and uunderstand conjunctions	1 for each class/ section	For 100 Schools	
		colored pages for story writing/dialogue writing		1 for each class/ section	For 100 Schools	
		pictorial dictionary		1 for each class/ section	For 100 Schools	
3	Women as role models	picture of muslim women role models	to differentiate between the sounds of different words, diagraphs and trigraphs and the use of punctuation marks	1 for each class/ section	For 100 Schools	
		picture of fatima jinnah		1 for each class/ section	For 100 Schools	
		phonic chart		1 for each class/ section	For 100 Schools	
		transiitonal devices chart		1 for each class/ section	For 100 Schools	
4	Unforgettable moments of life		to develop full undersatnding of prepositions, diphthongs and anagrams, to build sentences using the basic sentence structure			
5	I am the earth	counsonant cluster charts	to distinguish between synonyms and antonyms, and practice word making	1 for each class/ section	For 100 Schools	
		pictorial dictionary		1 for each class/ section	For 100 Schools	
8	Do whats right	dictionary	to comprehend moral values and differentiate between long and short vowels	1 for each class/ section	For 100 Schools	
9	Patriotism	pakistan flag	to know about the cultures of all four provinces of Pakistan, undersand the keys for using map	1 for each class/ section	For 100 Schools	
12	When something went wrong	garmmar book	to practice grammar	1 for each class/ section	For 100 Schools	
Maths						
2	HCF and LCM	HCF and LCM definition charts with examples	to understand and solve HCF and LCM of different numbers	1 for each class/ section	For 100 Schools	
		color chalks for concept clarity		1 pack per class		
		number cubes 7 digits		1 for each class/ section	For 100 Schools	
4	Decimal and Percentage	Calculator	to know about the use of decimal and percentage and also know how to present data	2 per class	For 100 Schools	
	graph paper	1 per student		For 100 Schools		
5	Distance and Time parameter and area	measuring tape	to know the different sclaes for measuring and identify their units	2 per class	For 100 Schools	
	analogue and digital clocks	1 per class each		For 100 Schools		
6	Unitary Methods	weighing scale	to know the different sclaes for measuring and	1 per class	For 100 Schools	
1	geometry	Big wooden geometry box	to learn and understand geometry and know how to measure angles	2 per class	For 100 Schools	
2	Data handling	graph sheet	to understand how to present data in graph	1 per student	For 100 Schools	
Urdu						
6	meri pehchan hai to	qomi tarane ka chart	to memorize the national anthem an develop understanding about it	1 for each class/ section	For 100 Schools	
		grammar book		1 per student	For 100 Schools	