

HPS – MATH VOCABULARY – KINDERGARTEN

Vocabulary lists identify terms that *teachers need to use* within their instructional sequence and encourage students to utilize when communicating mathematically.

Kindergarten	Process			First Grade Process			Process			Second Grade
	check numeral problem solving strategy	estimation order process	guess prediction relevant information	Process			classify estimate greater than minus plus trading	difference explore investigate near rounding	equal far less than not equal sum	
	Numbers and Operations			Numbers and Operations			Numbers and operations			
	add all together count back digit equal equation facts first greater than least less than more number number words one- to- one correspondence ordinal numbers sixth subtraction tens total	addition backward count on double equal parts estimate fewer forward hundreds left-difference minus most number line numeral part skip count sum tenth whole	addition sentence combine difference eighth equal sign even fifth fourth joining less minus sign ninth number sentence odd ones place value subtract take away third whole number	double plus one one-digit number	equivalent solve	fact families two-digit number	addend equals multiplication sentence subtraction sentence Place Value hour hand	array fact family ten frame regrouping second hand	decimal point multiplication multiply times minute hand	
Algebra			Algebra			Algebra				
equation set	numeral symbol	quantity variable	addends	represent	story problems	compose numbers counting on doubles minus 1 equal to missing addend solve	counters decompose numbers doubles plus 1 fact families number line tables	counting back doubles equal groups graphs secrets of 9		

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Kindergarten	Geometry			First Grade Geometry			Geometry			Second Grade
	above	after	alike	change	closed figure	combine	corner	distance	flip	
	angle	attributes	backward	congruent	curves	one fourth	identical	line of symmetry	perimeter	
	before	behind	belong	one half	one third	open figure	plane figures	polygon	pyramid	
below	between	big	rectangular prism	similar	subdivide	side	slide	solid figures		
bottom	circle	color	symmetrical	asymmetrical		transformations	turn	vertical		
compare	cone	corners								
cube	cylinder	different								
down	edge	face								
flips	forward	halves								
hexagon	in	in front								
inside	large	larger								
left	little	middle								
octagon	on	out								
outside	oval	over								
parallelogram	parts	rectangle								
rhombus	right	same								
shape	sides	size								
slides	small	smaller								
sort	sorting rule	sphere								
square	symmetry	three-dimensional shape								
top	transformation	trapezoid								
triangle	two	two-dimensional shape								
under	up									
	Measurement			Measurement			Measurement			
afternoon	analog	balance	capacity	container	heavier	amount	area	balance scale		
bar graph	bills	calendar	kilogram	liter	pint	centimeter (cm)	cup	decimeter (dm)		
Celsius	cent	centimeters	pound	quart		dollar	earlier	early		
check	clock	coins				elapsed time	foot	fourth		
day	days	degrees				fourths	fraction	gram (g)		
digital	dime	evening				half	half dollar	halves		
Fahrenheit	foot	guess				height	inch (in)	kilogram (kg)		
heads	heavier	heavy				late	later	liter (l)		
holds less	holds more	hour								
hour hand	inches	least								
month										

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Kindergarten	Measurement			First Grade Measurement			Measurement			Second Grade
	length	light	lighter				meter (m)	month	pattern	
	long	longer	longest				pint (pt)	pound (lb)	quart (qt)	
	measuring cups	meter	minute				quarter hour	schedule	square units	
minute hand	money	months				third	thirds	week		
morning	most	nickel				weight/mass	yard (yd)			
right	non-standard	o'clock								
order	penny	quantity								
quarter	ruler	same								
scale	second	short								
shorter	shortest	sort								
standard	tails	temperature								
thermometer	today	tomorrow								
units	volume	weather								
weight	width	yard								
yardstick	year	yesterday								
	Statistics			Statistics			Statistics			
bar graph	chance	circle graph	construct			about	almost	data collection		
collect	data	display				estimation	pictograph	picture graph		
equal	graph	greater than				predict	survey	tally marks		
heads	information	interpret								
less	less than	more								
organize	outcome	probability								
quantity	table	tails								
tally	Venn diagram									
	Patterns			Patterns			Patterns			
arrangement	big	check	recognize			above	after	before		
compare	concrete	construct				below	between	digit		
create	describe	design				equivalent	even	greater than		
extending	growing	guess				hundreds	less than	longer		
large	little	manipulatives				odd	ones	regroup		
medium	pattern	pattern blocks				shorter	skip count	tens		
pictorial	predict	repeating								
represent	rhythm	shape								
size	small	symbolic								
title	unifix cubes	variable								
verbal										