



Computing

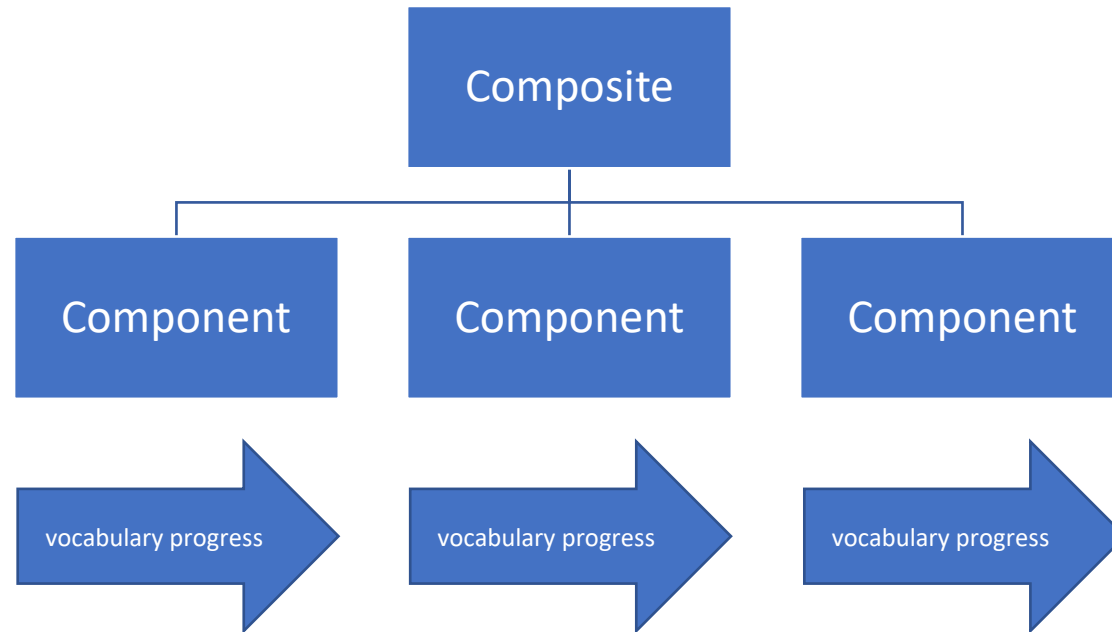
VOCABULARY FRAMEWORK FOR KEY STAGE 1 AND 2

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The National Curriculum is the top-level 'composite' outcomes but not the curricular components to get there – the intent. Each component has a skill set that shows progress through each key stage.

Subject leaders need to ensure that there is clear progression through each year group towards the national curriculum requirements for their subject.



Which words should we teach?

This document ensures that there is a clear year-on-year acquisition of key vocabulary within each component.


Tier 1

- Everyday words
- Most often found in everyday talk
- eg. the 20 most common words: the, be, to, of, and, a, in, that, have, I it, for, not, on, with, he, as, you, do, at

Tier 2

- General academic and literary words
- Most often found in academic speech and texts
- eg. relative, vary, formulate, accumulate, calibrate, itemise, misfortune, dignified, faltered, precede, periphery

Tier 3

- Subject specific words
 - Most often found in Information texts within a specific subject or field
 - eg. lava, ventricle, timbre, circumference, deciduous
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Based on Isabel L. Beck, Margaret G. McKeown, and Linda Kucan (2013) Bringing Words To Life

Computing												
	Year 1		Year 2		Year 3		Year 4		Year 5		Year 6	
Algorithms and Programs	above	turtle	bug		algorithm		angle		audience		aesthetics	
	anticlockwise	underneath	data		digitise		cause		complex		arithmetic operators	
	below	up	debug		perpendicular		characteristic		deconstruct		binary	
	centre		diagonal		programming language		command		efficiency		concentric	
	clockwise		horizontal		purpose		logical reasoning		improve		conditional	
	coding		information		sequence		pattern		loop		cumulative	
	control		left		series		phase		prior		deterministic	
	design		model		value		repetition		protocol		functionality	
	direction		object		variables		selection		subsequent		interface	
	down		process				simulation				intersecting	
instruction		reflect				structure				radial		
position		right				transition				simultaneous		
program		sprite								user		
robot		symmetrical										
rule		vertical										
Using IT and Digital content	app		animation	save	blog	meme	back up	USB	cache		IP address	
	computer		application	save-as	community	motor	browser	video	CC/BCC		metadata	
	digital		audio	screengrab	content	output	file size	conference	cookies		MIDI	
	gif		device	search	control panel	post	download	wav	driver		terabyte	
	Google		disk	subfolder	data logger	retrieve	gigabyte		field		virus	
	Internet		document	text	database	tab	Jpeg		file directory		VoIP services	
	iPad		drive	tool	digital resources	text	manipulate		HTML			
	multimedia		edit(ing)	video	email	URL	Mpeg		open source			
	network		file	window	file extension	vlog	MP3		permissions			
	search engine		folder		font	word	Pdf		recipient			
sound		hardware		forum	processor	physical		reply				
tablet		hyperlink		icon		pixel		reply-all				
web		image		input		quality		send				
		presentation		kilobyte		resolution		Wikis				
		software		megabyte		search engine						
IT terminology	controls		back-space	zoom	alignment	rotate	animation pane		bookmarks	RAM	AR (augmented reality)	
	double-click		caps-lock		control alt	screengrab	control panel		browser	ROM	concurrently	
	keyboard		close		copy	short cut	pop up		history	Router	connectivity	
	left-click		control		crop	voice	publish		CPU	server	digital art	
	menu		delete		cursor	recognition	sensor		fibre-optic	software	digital music	
	mouse		enter		cut		system		flash drive	solid state	edit	
	right-click		highlight		drag				gateway	SSD	process	
	screen		landscape		drop				GPU	USB stick/pen		
	shut down		open		flip				hard drive			
	space-bar		password		import				hardware			
start		portrait		log on				hub				
swipe		return		maximise				memory				
touchscreen		select		minimise				motherboard				
		shift		numerical				operating				
		template		paste				system (OS)				

Computing						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Evaluating information	research search	source	clarify communication opinion relevance	contribution reliability validate	context crucial impact obstacle paraphrase quote rigorous verbatim verify	analyse authentic controversy copyright discern plagiarism plausible prejudice
IT safety		digital footprint material	abuse e-safety online behaviour personal data private public report social media	appropriate consequence inappropriate share	identity theft password strength	phishing