

National Curriculum 2014 Vocabulary List



**Primary NC – English
Year 1 - Reading**

Word Reading

Tier 1	Tier 2		Tier 3
	pushing / pulling (sounds) same / not the same rhythm sound written letter word reading beginning/first/start middle	end / last / final tricky “sound it out” single sound syllables rhyme different chunking strategy	blending segmenting phoneme grapheme decode / decodable / non- decodable diagraph trigraph alliteration consonant vowel

Comprehension

Tier 1	Tier 2		Tier 3
story picture book	author illustrator caption event index glossary blurb important feeling thrill describe listen follow/track vocabulary understanding who what	where when why how “meaning” character setting frame sense ‘make sense’ poem favourite ask / answer question same / not same / different find phrase explain fact	fiction / non fiction text beginning / first / start then middle end / finish problem resolution main (event/character) predict before next after guess title subheading

**Primary NC – English
Year 1 - Writing**

Transcription

Tier 1	Tier 2		Tier 3
	word write spell name (letter / sound) alphabet order / sequence	same / not same change add beginning / end in from space	

Handwriting

Tier 1	Tier 2		Tier 3
on up down page top bottom	below / above around / flick neat line holding grip start / finish side / edge practice press harder / soft / gentle bigger / smaller big / small	too... lower case / capital letter straight curly across finger space next time between form forming write	ascenders descenders

Composition

Tier 1	Tier 2			Tier 3
again	sequence order write first next beginning start	last final (does it) make sense? full stop capital letter finger space out loud	loud/quiet next line top/bottom correctly check	

Vocabulary, Grammar and Punctuation			
Tier 1	Tier 2		Tier 3
letter	sentence capital letter lower case word punctuation full stop question mark	exclamation mark between conjunction join joining word longer	singular plural

**Primary NC – English
Year 2 - Reading**

Word Reading

Tier 1	Tier 2	Tier 3
	fluent accurate recognise / spot chunking familiar knew sight expression e.g. read with expression	suffix prefix vowel consonant

Comprehension

Tier 1	Tier 2	Tier 3	
	familiar pattern repeated features “time” vocals “setting” difference between identify idea recognise ingredient (story ingredients) opinion whole text extract	imagination select narrative discuss express poem information genre tale – fairy – traditional point of view purpose reason	

**Primary NC – English
Year 2 - Writing**

Transcription

Tier 1	Tier 2	Tier 3
	apostrophe belonging possession rules exception (to the rule)	other another different alternative

Handwriting

Tier 1	Tier 2	Tier 3
	join / join-up diagonal horizontal correct size	

Composition

Tier 1	Tier 2	Tier 3
	other alternative expression plan check personal experience real events poetry different purposes audience style readers re-read	evaluate draft re-draft verbs proof-reading error mistake whole text extract collect think of appropriate meaning clear

Vocabulary, Grammar and Punctuation

Tier 1	Tier 2	Tier 3
	statement question exclamation command tense past	present apostrophe comma
compound (word) suffix noun phrase noun adjective adverb verb contraction		

Primary NC – English
Year 3/4 - Reading

Word Reading

Tier 1	Tier 2	Tier 3
	(writers use of) language intonation	prefixes

Comprehension

Tier 1	Tier 2	Tier 3	
	retrieve information deduce infer interpret comment on dictionary / definition “look up” (a word) cultural myths legend theme	plausible intonation (how does the writer) capture... motive evidence justifying imply summary / summarise structure retrieve paragraph speculate	

**Primary NC – English
Year 3/4 - Writing**

Transcription

Tier 1	Tier 2	Tier 3
	regular irregular	prefix

Handwriting

Tier 1	Tier 2	Tier 3
	legible consistent fluent presentation	parallel adjacent equidistant

Composition

Tier 1	Tier 2	Tier 3
	paragraph dialogue monitor	

Vocabulary, Grammar, Punctuation

Tier 1	Tier 2	Tier 3
	Word family Direct speech Speech marks	determiner adverbial pronoun possessive (pronoun) prefix clause subordinate clause inverted commas

**Primary NC – English
Year 5/6 - Reading**

Word Reading

Tier 1	Tier 2	Tier 3
	pronunciation	

Comprehension

Tier 1	Tier 2	Tier 3
	modern fiction familiarity literacy heritage comparison convention debate imagery aspect ambiguity	Figurative (language) Metaphor Simile Analogy First person

**Primary NC – ENGLISH
YEAR 5 /6 - Writing**

Transcription

Tier 1	Tier 2	Tier 3
	silent (letters) thesaurus	

Handwriting

Tier 1	Tier 2	Tier 3
	legible	

Composition

Tier 1	Tier 2	Tier 3
	appropriate research enhance atmosphere convey	advance (move on) step down effective specific precise

Vocabulary, Grammar and Punctuation

Tier 1	Tier 2	Tier 3
	bullet point	subject (noun) object (noun) active voice passive voice synonym antonym ellipsis hyphen colon semi-colon

**Primary NC – MATHS
YEAR Reception**

Counting and Recognising Numbers

Tier 1	Tier 2	Tier 3	
number	zero, one, two, three... to twenty and beyond zero, ten, twenty... one hundred none how many...? count, count (up) to count back (from, to) count in ones, twos... tens... odd, even	every other how many times? pattern, pair guess how many, estimate nearly, close to, about the same as just over, just under too many, too few, enough, not enough more, less, many, few	

Comparing and Ordering Numbers

Tier 1	Tier 2	Tier 3	
	the same number as, as many as of the two objects/amounts: greater, more, larger, bigger of the three or more objects/amounts: greatest, most, biggest, largest, least, fewest, smallest one more, ten more one less, ten less compare order	size first, second, third... tenth last, last but one before, after next between above below	

Adding and Subtracting

Tier 1	Tier 2	Tier 3	
	add, more, and make, sum, total altogether score double one more, two more, ten more... how many more to make...? how many more is... than...?	take (away), leave how many are left/left over? how many have gone? one less, two less... ten less how many fewer is... than...? difference between is the same as	

Solving Problems		
Tier 1	Tier 2	Tier 3
	pattern puzzle answer right, wrong what could we try next? how did you work it out?	count, sort group, set match same, different list
Problems Involving 'Real Life' or Money		
Tier 1	Tier 2	Tier 3
money	compare double half, halve pair count out, share out left, left over coin penny, pence, pound price cost	buy sell spend, spent pay change dear, costs more cheap, costs less, cheaper costs the same as how much...? how many...? total
Measures, Shape and Space		
Tier 1	Tier 2	Tier 3
	measure size compare guess, estimate enough, not enough	too much, too little too many, too few nearly, close to, about the same as just over, just under
Length		
Tier 1	Tier 2	Tier 3
	length, width, height, depth long, short, tall high, low wide, narrow deep, shallow	thick, thin longer, shorter, taller, higher... and so on longest shortest, tallest, highest... and so on far, near, close

Mass			
Tier 1	Tier 2		Tier 3
	weigh, weighs, balances heavy/light, heavier/lighter, heaviest/lightest balance, scales, weight		
Capacity			
Tier 1	Tier 2		Tier 3
	Full Half full Empty Holds container		
Time			
Tier 1	Tier 2		Tier 3
clock	time days of the week: Monday, Tuesday... day, week birthday, holiday morning, afternoon, evening, night bedtime, dinnertime, playtime today, yesterday, tomorrow before, after	next, last now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time hour, o'clock, watch, hands	
Exploring Patterns, Shape and Space			
Tier 1	Tier 2		Tier 3
	shape, pattern flat curved, straight round hollow, solid	corner face, side, edge, end sort make, build, draw	
2d and 3D Shapes			
Tier 1	Tier 2		Tier 3
	Circle Triangle Square Rectangle Star	Cube Pyramid Sphere Cone	

Patterns and Symmetry					
Tier 1	Tier 2			Tier 3	
	size bigger, larger, smaller symmetrical pattern repeating pattern match				
Position, Direction and Movement					
Tier 1	Tier 2			Tier 3	
	position over, under above, below top, bottom, side on, in outside, inside around in front, behind front, back before, after	beside, next to opposite apart between middle, edge corner direction left, right up, down forwards, backwards, sideways	across close, far, near along through to, from, towards, away from movement slide roll turn stretch, bend		
Instructions					
Tier 1	Tier 2			Tier 3	
	listen join in say think imagine remember start from start with start at look at point to show me put, place fit	complete finish, end fill in shade colour tick, cross draw draw a line between join (up) ring cost count work out	answer check separate copy arrange rearrange change, change over split carry on, continue repeat what comes next? find choose	collect use make build tell me describe pick out talk about explain show me read write trace	

General		
Tier 1	Tier 2	Tier 3
	same number/s different number/s missing number/s number facts number line, number track number square number cards counters, cubes, blocks, rods	die, dice dominoes pegs, peg board same way, different way best way, another way in order, in a different order not all, every, each

**Primary NC – MATHS
YEAR 1**

Numbers and Place Value

Tier 1	Tier 2	Tier 3
	count in ones, twos... tens... fives multiples number bond units, ones tens exchange digit 'teens' number equal to eleventh... twentieth value partition half-way between	more than, less than number sentence sign, operation record arrow sequence solve abacus begin beginning

Number – Addition and Subtraction

Tier 1	Tier 2	Tier 3
	+, plus double, near double how much more is...? - , subtract, minus how much less is...? half, halve	=, equals, sign addition subtraction calculation

Number – Multiplication and Division

Tier 1	Tier 2	Tier 3
	array fraction divide multiply share group	

Number - Fractions

Tier 1	Tier 2	Tier 3
	half quarter whole	

Measurement		
Tier 1	Tier 2	Tier 3
	roughly metre metre stick, ruler quarter money note seasons: spring, summer, autumn, winter month, year, date, weekend midnight first earlier, later	fast, faster, fastest half past, minute, second clock face how long ago? how long will it be to...? how often? always, never, often, sometimes, usually once, twice cuboid cylinder
Geometry – Properties of Shapes		
Tier 1	Tier 2	Tier 3
	point, pointed	
Geometry – Position and Direction		
Tier 1	Tier 2	Tier 3
	underneath centre journey whole turn, half turn, quarter, three quarter turn	

**Primary NC – MATHS
YEAR 2**

Number and Place Value

Tier 1	Tier 2		Tier 3	
	two hundred... one thousand threes, fours, fives, steps tally multiple of sequence continue predict rule hundreds one-, two- or three-digit number place, place value stands for, represents exchange twenty-first, twenty-second exact, exactly round, nearest, round to the nearest ten calculate, calculation mental calculation	jotting correct symbol number pairs number bonds hundred square number grid geo-strips abbreviations recite predict describe the pattern describe the rule find all, find different investigate decide name discuss	explain your method explain how you got your answer give an example of.... mental in your head combine combinations write in figures present represent label tally calculate solve construct collate build	

Number – Additions and Subtraction

Tier 1	Tier 2		Tier 3
	addition one hundred more subtraction one hundred less tens boundary		

Number – Multiplication and Division

Tier 1	Tier 2		Tier 3
	lots of, groups of x, times, multiply, multiplied by	share equally one each, two each, three each...	

	multiple of once, twice, three times... ten times... times as (big, long, wide... and so on) repeated addition row, column	group in pairs, threes... tens equal groups of ÷, divide, divided by, divided into tables	
Number – Fractions			
Tier 1	Tier 2	Tier 3	
	part, equal parts fraction one whole one half, two halves one quarter, two... three... four quarters 1/3 equivalent		
Measurement			
Tier 1	Tier 2	Tier 3	
	£ bought sold measuring scale about standard units of measurements further, furthest metre (m), centimetre (cm) tape measure kilogram (kg) half-kilogram gram (g) capacity	contains litre (l) half-litre millilitre (ml) vessels months of the year: January, February fortnight quarter to, quarter past twenty to/ past ten to/past five to/past digital/analogue clock/watch, time thermometer	
Geometry – Properties of Shape			
Tier 1	Tier 2	Tier 3	
	surface circular triangular rectangular pentagon hexagon octagon	vertices/vertex	

Geometry – Position and Direction		
Tier 1	Tier 2	Tier 3
	route higher, lower clockwise, anti-clockwise quarter turn right angle straight line rotate rotation	
Statistics		
Tier 1	Tier 2	Tier 3
	tally graph, block graph, pictogram represent label, title most popular, most common least popular, least common count, sort, vote group, set list same, different category pictogram tally chart block diagram	

**Primary NC – MATHS
YEAR 3**

Number and Place Value

Tier 1	Tier 2	Tier 3
	hundreds relationship numeral one hundred more one hundred less exceed approximate, approximately round (up or down) method equation	show your working interpret sketch investigate question methods greatest value least value

Number – Addition and Subtraction

Tier 1	Tier 2	Tier 3
	hundreds boundary operations inverse	

Number – Multiplication and Division

Tier 1	Tier 2	Tier 3
	multiplication product division remainder	

Number – Fractions

Tier 1	Tier 2	Tier 3
	two thirds, three thirds one tenth	denominator

Measurement

Tier 1	Tier 2	Tier 3
	note more/most expensive less/least expensive amount value worth	distance to... from... kilometre (km) mile century calendar date

	division scaling approximately distance apart/between	am / pm roman numerals duration earliest/latest	
Geometry – Properties of Shapes			
Tier 1	Tier 2		Tier 3
	right-angled layer, diagram hemi-sphere prism semi-circle pentagonal hexagonal octagonal quadrilateral	map, plan ascend, descend grid row, column compass point north, south, east, west (n, s, e, w) horizontal, vertical diagonal angle,... is a greater/smaller angle than, acute, obtuse	
Statistics			
Tier 1	Tier 2		Tier 3
	chart, bar chart frequency table Carroll diagram, Venn diagram axis, axes diagram		

**Primary NC – MATHS
YEAR 4**

Number and Place Value

Tier 1	Tier 2	Tier 3
	thousands ten thousands, hundred thousand, million one thousand round to the nearest hundred positive, negative (integer) above/below zero, minus next, consecutive sort, classify, property	construct justify make a statement plot convert classify pin board notation

Number – Addition and Subtraction

Tier 1	Tier 2	Tier 3
	decrease inverse	

Number – Multiplication and division

Tier 1	Tier 2	Tier 3
	factor divisible by (inverse)	quotient

Number – Fractions (including decimals)

Tier 1	Tier 2	Tier 3
	eighth, sixth fifth, twentieth proportion, in every, for every decimal, decimal fraction decimal point, decimal place	

Measurement

Tier 1	Tier 2	Tier 3
	measurement unit (thousands) metric unit imperial unit algebra breadth edge	millennium date of birth noon timetable arrive depart origin, coordinates

	millimetre (mm) mass: big, bigger, small, smaller pint measuring cylinder area, covers square centimetre (cm ²) leap year	north-east, north-west, south-east, south-west (NE, NW, SE, SW) rotate degree ruler, set square angle measurer compasses quadrant	
Geometry – Properties of Shapes			
Tier 1	Tier 2	Tier 3	
	3d three-dimensional spherical cylindrical tetrahedron polyhedron 2d two-dimensional equilateral triangle isosceles triangle oblong heptagon polygon trapezium rhombus parallelogram	line construct sketch radius net angle base, square based regular, irregular concave, convex open, closed line symmetry reflect translation	diameter
Geometry – Position and Direction			
Tier 1	Tier 2	Tier 3	
	positions co-ordinates quadrant	translations specified	polygon
Statistics			
Tier 1	Tier 2	Tier 3	
	survey questionnaire data	discrete continuous	

**Primary NC – MATHS
YEAR 5**

Number and Place Value

Tier 1	Tier 2	Tier 3
	\geq greater than or equal to \leq less than or equal to ascending/descending order \approx is approximately equal to round to the nearest thousand prime formula divisibility square number	one squared, two squared ($1^2, 2^2 \dots$) cube numbers calculator display, key, enter, clear constant bisect identify reasoning spinner

Number – Addition and Subtraction

Tier 1	Tier 2	Tier 3
	units boundary tenths boundary	

Number – Multiplication and Division

Tier 1	Tier 2	Tier 3
	power ratio	

Number – Fractions (including decimals and percentages)

Tier 1	Tier 2	Tier 3
	proper/improper fraction mixed number numerator equivalent, reduced to, cancel ninth, twelfth	hundredth ratio to every, as many as percentage, per cent, %

Measurement

Tier 1	Tier 2	Tier 3
	square metre (m^2) square millimetre (mm^2) 24-hour clock 12 hour clock	

Geometry – Properties of Shapes		
Tier 1	Tier 2	Tier 3
	congruent octahedron scalene triangle axis of symmetry reflective symmetry	
Geometry – Position and Direction		
Tier 1	Tier 2	Tier 3
	x-axis, y-axis	parallel perpendicular acute obtuse reflex
Statistics		
Tier 1	Tier 2	Tier 3

**Primary NC – MATHS
YEAR 6**

Number and Place Value

Tier 1	Tier 2	Tier 3
	factorise prime factor sign change recurring memory operation key adjusting	adjust define interrogate (data) prove identical common

Number – Addition, Subtraction, Multiplication and Division

Tier 1	Tier 2	Tier 3
	remainders	

Number – Fractions (including decimals and percentages)

Tier 1	Tier 2	Tier 3
	thousandth simply brackets	

Ratio and Proportion

Tier 1	Tier 2	Tier 3
	relative (sizes) scale factor	

Algebra

Tier 1	Tier 2	Tier 3
	formulae linear (number sequences) algebraically satisfy an equation equation equivalent expressions	enumerate

Measurement

Tier 1	Tier 2	Tier 3
	profit loss circumference yard	proportion dimensions tonne pound (lb)

	feet foot inches inch	ounce (oz) Greenwich mean time, British summer time, international date line centilitre (cl)	
Geometry – Properties of Shapes			
Tier 1	Tier 2		Tier 3
	concentric arc intersecting intersection plane tangram dodecahedron kite		circumference
Geometry – Position and Direction			
Tier 1	Tier 2		Tier 3
	Coordinate plane Coordinate grid		
Statistics			
Tier 1	Tier 2		Tier 3
	mean average median statistics distribution equally likely equal chance even chance fifty-fifty chance biased random interrogate (data)		

**Primary NC – SCIENCE
YEAR 1**

Working Scientifically

Tier 1	Tier 2	Tier 3
look tools – names of equipment & tools as they are used e.g. timer	observe / observation practical method process equipment identify classify test / testing record data question – ask, answer gather, collect, sort, group	change compare / contrast patterns same / different in relation to similarities / differences between measure / measurement / measuring explain detail reason negatives: not, cannot, doesn't, without

Plants

Tier 1	Tier 2	Tier 3
plants tree / buds log / stick garden flowers, blossom, petals, roots, leaf, seed, branches, stem vegetable	wild trunk leaves bulb magnify diagram	deciduous evergreen

Animals including Humans

Tier 1	Tier 2	Tier 3
animal fish birds pets label head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth, nose, body etc.	human describe working scientifically sense – see, hear, feel, taste, smell environment habitat – names of habitats e.g. burrow	live group / grouping year season – winter, summer, spring, autumn amphibian reptiles mammals herbivores omnivore carnivores

Everyday Materials			
Tier 1	Tier 2		Tier 3
	materials between object wood plastic glass metal water rock brick paper	fabrics elastic foil properties hard / soft stretchy / stuff shiny / dull rough / smooth bendy / not bendy waterproof / not waterproof	absorbent / not absorbent opaque / transparent
Seasonal Changes			
Tier 1	Tier 2		Tier 3
	four seasons – spring, summer, autumn, winter (geographical link human & physical geography key stage 1) day length vary / varies		

**Primary NC – SCIENCE
YEAR 2**

Working Scientifically

Tier 1	Tier 2	Tier 3

Living things and their habitats

Tier 1	Tier 2	Tier 3	
	living dead alive never suited / suitable / suitability basic needs depend sources (food) variety breathing	reproduce react shelter seashore woodland ocean rainforest conditions charts	Micro habitat Food chain

Plants

Tier 1	Tier 2	Tier 3	
Seeds Water	bulbs mature requirement / need survival suitable temperature growth light	reproduction store accuracy comparative check healthy variety	Germination

Animals including humans

Tier 1	Tier 2	Tier 3	
Egg sheep Baby child frog	exercise hygiene focus occur adult	caterpillar pupa butterfly spawn tadpole	Offspring Life-cycle

chicken	air types nutrition chick	lamb toddler teenager adult	
Uses of everyday materials			
Tier 1	Tier 2		Tier 3
	wood metal plastic glass brick rock cardboard	squashing, bending, twisting and stretching suitable / unsuitable purposes unusual solid properties inventors	

**Primary NC – SCIENCE
YEAR 3**

Working Scientifically

Tier 1	Tier 2	Tier 3	
	relevant fair test systematic thermometer present findings key conclusion results diagram enquiries predictions	improvements support occurring set up decide appropriately secondary sources primary sources (practical) cause / effect behaves	

Plants

Tier 1	Tier 2	Tier 3	
	function – job role requirement nutrients transported life cycle pollination structure function	fertiliser amount effect (e.g. what is the effect?) dispersal formation suck up flow travel	

Light

Tier 1	Tier 2	Tier 3	
sun mirror	light dark absence reflected / reflects surfaces shadow	light source protect blocked bright distance	

Forces and magnets		
Tier 1	Tier 2	Tier 3
	magnetic facing depending push / pull direct contact bar, ring, button, horseshoe (magnets) strength	attract repel pole / poles
Animals including humans		
Tier 1	Tier 2	Tier 3
skeleton muscles	support protection nutrition diets research design	
Rocks		
Tier 1	Tier 2	Tier 3
	trapped within grave stones hand lens microscope grains crystals formed	fossils organic matter sedimentary

**Primary NC – SCIENCE
YEAR 4**

Working Scientifically

Tier 1	Tier 2	Tier 3

Living things and their habitats

Tier 1	Tier 2	Tier 3
habitat fish birds, snails slugs worms spiders ferns mosses	insects positive impact negative impact nature reserves population litter	vertebrate / invertebrate amphibians, reptiles, mammals ecological ecologically planned deforestation

Animals including humans

Tier 1	Tier 2	Tier 3
mouth tongue teeth stomach,	small / large intestine digestive system – chew, swallow, gulp, digest, journey through predators prey	oesophagus

States of matter

Tier 1	Tier 2	Tier 3
	linked heat cool increase decrease rate associate (temperature) pool	unsealed ice steam melting boiling freezing refrigerate substance chocolate

	pile escape	butter cream	
Sound			
Tier 1	Tier 2	Tier 3	
	sound – near, far, distance vibration medium (through a medium) pitch travel volume fainter / quieter insulation		
Electricity			
Tier 1	Tier 2	Tier 3	
Battery	appliances run on electrical circuit circuit cells, wires, bulbs, switches, buzzers lamp loop, complete loop, open, close component motor devices precaution gap / complete across connect / join	simple series circuit conductor / s insulator current / voltage	

**Primary NC – SCIENCE
YEAR 5**

Working scientifically

Tier 1	Tier 2	Tier 3
	precision / precise repeat readings complex / complexity classification keys scatter graph degree of trust	refute argument research opinion / fact theory theorist controlling

Living things and their habitats

Tier 1	Tier 2	Tier 3
animal	insect behaviours oceans desert pre historic parent plant, cuttings, tubers	pertinent root cuttings rearing watching

Animals including humans

Tier 1	Tier 2	Tier 3
	length and mass time line development indicate experience periods	puberty gestation

Properties and changes of materials

Tier 1	Tier 2	Tier 3
	form a solution recover filtering sieving associated acid	systematic reaction rusting chemist separated

solubility transparency conductivity thermal quantitative	polymers evaporating reversible / irreversible
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Earth and Space		
Tier 1	Tier 2	Tier 3
solubility transparency conductivity thermal quantitative polymers evaporating reversible / irreversible	relative to rotation apparent scientists / scientific calibrated astronomical (clocks)	solar system spherical bodies celestial body geocentric model heliocentric shadow clock sundial
Forces		
Tier 1	Tier 2	Tier 3
	force design towards friction mechanisms - levers, pulleys, gears, springs parachute brake	gravity air resistance water resistance

**Primary NC – SCIENCE
YEAR 6**

Working scientifically

Tier 1	Tier 2	Tier 3

Living things and their habitats

Tier 1	Tier 2	Tier 3
	observable specific common	subdivided significance pioneer micro organisms

Animals including humans

Tier 1	Tier 2	Tier 3
	drugs lifestyle heart (blood) vessels	internal organs enable circulatory (system)

Evolution and inheritance

Tier 1	Tier 2	Tier 3
	inhabited identical adapted evolution / evolve breeds survive	insulating advantage disadvantage gills – lungs scented palaeontologists tendrils

Light

Tier 1	Tier 2	Tier 3
	rear view bent	periscope phenomena

Electricity

Tier 1	Tier 2	Tier 3
	symbol	

**Primary NC – HISTORY
KEY STAGE ONE**

Key Stage One – Year 1 and 2

Tier 1	Tier 2	Tier 3
	festivals anniversaries individuals – people – person past present future compare contributed international achievements aspects periods life historical events sources identify same not the same similar different similarities differences changes living memory	show us / reveal beyond living memory significant national / nationally global / globally between ways of life places locality <u>time words</u> In the past... A long time ago... <u>question:</u> ask answer Who? Where? When? Why? Did? If? Would?

**Primary NC – HISTORY
KEY STAGE TWO**

Key Stage Two – Year 3, 4, 5 and 6

Tier 1	Tier 2	Tier 3
	chronological chronologically british local world connections contrasts trends cause response information	settlement named individuals . <u>Vocabulary specific to:</u> * Stone Age * Iron Age * Roman Empire * Anglo-Saxons and Scots * Viking + Anglo Saxon * Edward the Confessor. * A local history study * A study on British history that extends pupils chronological knowledge beyond 1066 * The achievement of the earliest civilisations (Ancient Sumer the Indus Valley, Ancient Egypt, The Shang Dynasty of Ancient China) * Ancient Greece – influence on Western world. * A non-European society that provides conflicts with British History – (Early Islamic Civilisation, including a study of Baghdad AD 900, Mayan civilisation AD 900 + Benin (West Africa) AD 900 – 1300

**Primary NC – GEOGRAPHY
KEY STAGE ONE**

Human and physical geography

Tier 1	Tier 2	Tier 3
<p>windy sunny rain wet dry house shop farm</p>	<p>identify seasons / seasonal – autumn, winter, spring, summer daily weather – cloudy thunder snow, patterns (weather) location</p> <p><u>key physical features</u> beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season, weather.</p> <p><u>human features (consider semantic links) e.g.</u> city – buildings, tower blocks, cathedral, department store, taxi ranks, stations, built up area, tube stations, metro links, multi storey, car park. town – town hall, theatre, restaurants, cinema, stadiums, parks, zebra / pelican crossing, busy roads. village – more people, less people factory – size, windows, what do they make, production farm – animal names, baby names, crops (growing), vehicles, machinery, job of a farm, field, fence, names of outbuildings, dairy. house – different names of rooms, room purpose, shelter, terraced, flat, semi-detached etc., door, window, floors, levels, shed, garden, yard, story. office – work, desk, computer, laptop, telephone, receptionist port – container, ships, cranes, hoists, ferries, customs, weigh bridges, terminal, car passenger, foot passenger, docks, airport, sea port harbour – yachts, fishing boat. shop – different types of shops, customer, shop assistant, choosing, selling, payment, customer services, self-checkout, bagging area.</p>	<p>human (features) physical (features) equator north / south pole</p>

Place knowledge			
Tier 1	Tier 2	Tier 3	
	same / not the same similar / different similarities / differences compare observation city town village		
Locational knowledge			
Tier 1	Tier 2	Tier 3	
	name locate – find oceans – sea world map identify characteristics – sense (e.g. taste in food) features	England, Scotland, Wales, Northern Ireland boundary border county / town place surrounding Where? location, Cardiff etc	geography continent Europe capital cities
Geographical skills and fieldwork			
Tier 1	Tier 2	Tier 3	
	map united kingdom compass compass directions (north, south, east, west) near, far left, right distance, short, long features location	routes aerial photograph landmark symbols key observe environment	atlas globe

**Primary NC – GEOGRAPHY
KEY STAGE TWO**

Locational knowledge

Tier 1	Tier 2	Tier 3
	Major (cities) Land – use	Europe Counties Regions Latitude Longitude Equator Northern Hemisphere Southern Hemisphere Tropic of cancer Tropic of Capricorn Arctic Circle Antarctic circle Prime / Greenwich Meridian Time Zones

Place knowledge

Tier 1	Tier 2	Tier 3

Human and physical geography

Tier 1	Tier 2	Tier 3
	River Mountain Settlement Land use Economic activity Trade links Distribution of natural resources including energy, food, minerals, water	Climate zone Biomes and vegetation belts Volcano Earthquakes Water cycle

Geographical skills and fieldwork		
Tier 1	Tier 2	Tier 3
	Measure Record Plan Graph Digital / computer mapping Points of compass – 8 points	Globes grid references (4 / 6 figure)

**Primary NC – DT
KEY STAGE ONE**

Design			
Tier 1	Tier 2		Tier 3
	purpose function / functional appealing design criteria technology neat detail generate	develop model ideas templates mock-ups attempt plan method instruction	
Make			
Tier 1	Tier 2		Tier 3
	select range perform material(s) components construct construction textiles	ingredients cutting shaping joining finishing follow detail attempt	tools (names of) equipment (names of)
Evaluate			
Tier 1	Tier 2		Tier 3
	evaluate explore products justify explain reason		

Technical knowledge		
Tier 1	Tier 2	Tier 3
build make	structures explore strength – strong, strongest, stronger stiffness – stiff, stiffer stable mechanisms – levers, sliders, wheels, axles	
Cooking and nutrition		
Tier 1	Tier 2	Tier 3
cook food	Where? food (categories) method instructions ingredients nutrition principles healthy varied diet prepare dishes actions – stir, chop, mix, cut, roll	

**Primary NC – DT
KEY STAGE TWO**

Design		
Tier 1	Tier 2	Tier 3
	Research Innovative Innovation “fit for” Audience Generate Develop Model Communicate Discussion / discuss Annotated / annotate Sketches Cross – sectional Prototypes Pattern pieces Computer aided design	
Make		
Tier 1	Tier 2	Tier 3
	Select Accurately Components Properties Aesthetic qualities +Action words related to topic	
Evaluate		
Tier 1	Tier 2	Tier 3
	Investigate Analyse Consider Views Improve Compare Key events	

	Advance	
Technical knowledge		
Tier 1	Tier 2	Tier 3
	Product Reinforce Complex Mechanical systems – gears, pulleys, cams, levers, linkages Electrical systems – series circuits, switches, bulb, buzzers, motors Complete / incomplete Program Monitor Control	
Cooking and nutrition		
Tier 1	Tier 2	Tier 3
	Apply Sweet Seasonality Where? How? Grow / grown Reared Caught Processed	Savoury Techniques (vocabulary linked to techniques?)

**Primary NC – ART AND DESIGN
KEY STAGE ONE**

Key Stage One – Year 1 and 2

Tier 1	Tier 2	Tier 3
art craft draw paint colour line pencil paint	skill experiment invent create design creativity / creative explore evaluate artist designer historical cultural imagination technique texture pattern shape form	space describe differences similarities develop control materials sketch observations review revisit improve mastery charcoal clay architects sculpture

Primary NC – ART AND DESIGN
KEY STAGE TWO

Key Stage Two – Year 3, 4, 5 and 6

Tier 1	Tier 2	Tier 3
	engage inspire challenge equip knowledge skills critical / critically rigorous reflect evaluate analyse sketch observations review revisit improve mastery charcoal clay architect	

Primary NC – PE
KEY STAGE ONE

Stability, object control and locomotion

Tier 1	Tier 2	Tier 3
dance	physical competitive sport demanding opportunity health / healthy fitness compete / competitive fairness respect competence excel skills movement balance co ordination individually co-operative / co-operation challenging running jumping throwing catching balance team tactics attacking defending	agility

**Primary NC – PE
KEY STAGE TWO**

Movement, athletics, gymnastics, games and swimming

Tier 1	Tier 2	Tier 3
Rounders Tennis Athletics Badminton Basketball Cricket Football Hockey Netball Gymnastics Strokes (Swimming) Front crawl Backstroke Breaststroke	Actions Communicating Collaborating Competing Improve Physical activity Evaluate Recognise Success Combination Isolation Modify Basic Principles Flexibility Strength Control Adventurous Challenge Personal Competently Proficient / ly Self-rescue technique	

KEY STAGE TWO - PSHCE

Health and wellbeing

Tier 1	Tier 2			Tier 3
	health wellbeing contributes healthy lifestyle benefits physical activity rest dental health recognise like dislike choices consequences experience celebrate strengths	challenging goals feelings (names of) manage important / importance personal hygiene diseases spread controlled responsibility / responsibilities / responsible needs change growing independence body (name parts) medicines	harmful danger / dangerous properly safe e-safety secrets surprises between environment safety (cycle, road + safety in the environment, rail, water, fire) family networks worried attention attract / get help	

Relationships

Tier 1	Tier 2			Tier 3
wrong	communicate feelings (name) recognise respond affect difference between secrets / surprises fair unfair kind unkind right negative	share opinions explain views thoughts discuss / discussions listen co-operatively strategy / strategies resolve arguments negotiation respect differences / similarities	special acceptable not acceptable / unacceptable comfortable not comfortable / uncomfortable recognise respond teasing bullying resist witness risky	

Living in the wider world – Economic well-being and being a responsible citizen		
Tier 1	Tier 2	Tier 3
	contribute construct rule(s) understand needs responsibility / responsibilities share borrowed belong communities improves harms local	natural environments build money sources purposes spending saving role of manage safe choices influence

KEY STAGE TWO - PSHCE

Health and wellbeing

Tier 1	Tier 2			Tier 3
	conflicting emotions change / transitions loss separation divorce bereavement risk danger hazard difference predict / predicting assessing situation resilience increasing independence bacteria viruses routines reduce spread	behave health informed choices consequences pressure resisting believe emergency procedures habit drugs alcohol tobacco damage immediate + future health legal / illegal supply protect abuse crime strategies	personal information positively negatively affects physical opportunities recognise benefits reflect images media reality achievements aspirations goals feeling (names of) emotion / emotional (health) balanced lifestyle mental (health)	anxious substances (names of) puberty reproduction autonomy

Relationships

Tier 1	Tier 2		Tier 3
	disputes negotiation compromise equality diversity recognise constitutes relationship healthy unhealthy support	constructively points of view collaboratively resolve diversity cultural ethnic racial religious identity age	

	acquaintances friends relatives family stable loving commitment actions affect judge concerns	sex gender sexual orientation disability discrimination aggressive cyber prejudice dares stereotypes	
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Living in the wider world – Economic well-being and being a responsible citizen

Tier 1	Tier 2			Tier 3
	research discuss debate topical issues problems events concerning recommendations protect enforced situations	law duties right responsibilities alternative decisions explaining community identities national regional	religious ethnic values customs consumer critical sustainability enterprise critique present (how they present information)	interest loan debt tax vat economic human rights society / societies universal rights anti-social

**Primary NC – MUSIC
KEY STAGE ONE**

Music

Tier 1	Tier 2	Tier 3
Voice Sing Song Sound	Rhyme / rhythm <u>Verbs</u> – blow, shake, bang, pluck Loud, quiet, fast, slow Softly Create – make up Beat	Instrument* (Names of)

**Primary NC – MUSIC
KEY STAGE TWO**

Music

Tier 1	Tier 2	Tier 3
	musically solo fluency improvise musician	composition ensemble notations composer staff

**Primary NC – COMPUTING
KEY STAGE ONE**

Computing

Tier 1	Tier 2	Tier 3
computer laptop keyboard	instruction programs digital devices follow precise unambiguous execute create debug logical reasoning tablet mouse predict technology organise store manipulate save retrieve information technology personal private safe monitor screen	algorithms e-safety

**Primary NC – COMPUTING
KEY STAGE TWO**

Computing

Tier 1	Tier 2	Tier 3
	simulating decomposing sequence selection repetition input output detect correct networks discerning safely respectfully responsibly	software