

Year 4 Core Subject Essentials

Spellings:

accident(ally)	enough	mention	
actual(ly)	exercise	minute	special
address	experience	natural	straight
answer	experiment	naughty	strange
appear	extreme	notice	strength
arrive	famous	occasion(ally)	suppose
believe	favourite	often	surprise
bicycle	February	opposite	therefore
breath	forward(s)	ordinary	though/although
breathe	fruit	particular	thought
build	grammar	peculiar	through
busy/business	group	perhaps	various
calendar	guard	popular	weight
caught	guide	position	woman/women
centre	heard	possess(ion)	
century	heart	possible	
certain	height	potatoes	
circle	history	pressure	
complete	imagine	probably	
consider	increase	promise	
continue	important	purpose	
decide	interest	quarter	
describe	island	question	
different	knowledge	recent	
difficult	learn	regular	
disappear	length	reign	
early	library	remember	
earth	material	sentence	
eight/eighth	medicine	separate	

Spelling – work for years 3 and 4

Revision of work from years 1 and 2

Pay special attention to the rules for adding suffixes.

New work for years 3 and 4

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
Adding suffixes beginning with vowel letters to words of more than one syllable	If the last syllable of a word is stressed and ends with one consonant letter which has just one vowel letter before it, the final consonant letter is doubled before any ending beginning with a vowel letter is added. The consonant letter is not doubled if the syllable is unstressed.	forgetting, forgotten, beginning, beginner, prefer, preferred gardening, gardener, limiting, limited, limitation
The /t/ sound spelt y elsewhere than at the end of words	These words should be learnt as needed.	myth, gym, Egypt, pyramid, mystery
The /ʌ/ sound spelt ou	These words should be learnt as needed.	young, touch, double, trouble, country
More prefixes	<p>Most prefixes are added to the beginning of root words without any changes in spelling, but see in- below.</p> <p>Like un-, the prefixes dis- and mis- have negative meanings.</p> <p>The prefix in- can mean both 'not' and 'in'/'into'. In the words given here it means 'not'.</p>	<p>dis-: disappoint, disagree, disobey</p> <p>mis-: misbehave, mislead, misspell (mis + spell)</p> <p>in-: inactive, incorrect</p>

English – Appendix 1: Spelling

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
	<p>Before a root word starting with l, in- becomes il-.</p> <p>Before a root word starting with m or p, in- becomes im-.</p> <p>Before a root word starting with r, in- becomes ir-.</p> <p>re- means 'again' or 'back'.</p> <p>sub- means 'under'.</p> <p>inter- means 'between' or 'among'.</p> <p>super- means 'above'.</p> <p>anti- means 'against'.</p> <p>auto- means 'self' or 'own'.</p>	<p>illegal, illegible</p> <p>immature, immortal, impossible, impatient, imperfect</p> <p>irregular, irrelevant, irresponsible</p> <p>re-: redo, refresh, return, reappear, redecorate</p> <p>sub-: subdivide, subheading, submarine, submerge</p> <p>inter-: interact, intercity, international, interrelated (inter + related)</p> <p>super-: supermarket, superman, superstar</p> <p>anti-: antiseptic, anti-clockwise, antisocial</p> <p>auto-: autobiography, autograph</p>
The suffix -ation	The suffix -ation is added to verbs to form nouns. The rules already learnt still apply.	information, adoration, sensation, preparation, admiration
The suffix -ly	<p>The suffix -ly is added to an adjective to form an adverb. The rules already learnt still apply.</p> <p>The suffix -ly starts with a consonant letter, so it is added straight on to most root words.</p>	sadly, completely, usually (usual + ly), finally (final + ly), comically (comical + ly)

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
	<p>Exceptions:</p> <p>(1) If the root word ends in -y with a consonant letter before it, the y is changed to i, but only if the root word has more than one syllable.</p> <p>(2) If the root word ends with -le, the -le is changed to -ly.</p> <p>(3) If the root word ends with -ic, -ally is added rather than just -ly, except in the word <i>publicly</i>.</p> <p>(4) The words <i>truly, duly, wholly</i>.</p>	<p>happily, angrily</p> <p>gently, simply, humbly, nobly</p> <p>basically, frantically, dramatically</p>
Words with endings sounding like /ʒə/ or /tʃə/	<p>The ending sounding like /ʒə/ is always spelt -sure.</p> <p>The ending sounding like /tʃə/ is often spelt -ture, but check that the word is not a root word ending in (t)ch with an er ending – e.g. <i>teacher, catcher, richer, stretcher</i>.</p>	<p>measure, treasure, pleasure, enclosure</p> <p>creature, furniture, picture, nature, adventure</p>
Endings which sound like /ʒən/	<p>If the ending sounds like /ʒən/, it is spelt as -sion.</p>	<p>division, invasion, confusion, decision, collision, television</p>
The suffix -ous	<p>Sometimes the root word is obvious and the usual rules apply for adding suffixes beginning with vowel letters.</p> <p>Sometimes there is no obvious root word.</p> <p>-our is changed to -or before -ous is added.</p> <p>A final 'e' of the root word must be kept if the /dʒ/ sound of 'g' is to be kept.</p> <p>If there is an /i:/ sound before the -ous ending, it is usually spelt as i, but a few words have e.</p>	<p>poisonous, dangerous, mountainous, famous, various</p> <p>tremendous, enormous, jealous</p> <p>humorous, glamorous, vigorous</p> <p>courageous, outrageous</p> <p>serious, obvious, curious</p> <p>hideous, spontaneous, courteous</p>

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
Endings which sound like /ʃən/, spelt -tion, -sion, -ssion, -cian	<p>Strictly speaking, the suffixes are -ion and -ian. Clues about whether to put t, s, ss or c before these suffixes often come from the last letter or letters of the root word.</p> <p>-tion is the most common spelling. It is used if the root word ends in t or te.</p> <p>-ssion is used if the root word ends in ss or -mit.</p> <p>-sion is used if the root word ends in d or se.</p> <p>Exceptions: <i>attend – attention, intend – intention.</i></p> <p>-cian is used if the root word ends in c or cs.</p>	<p>invention, injection, action, hesitation, completion</p> <p>expression, discussion, confession, permission, admission</p> <p>expansion, extension, comprehension, tension</p> <p>musician, electrician, magician, politician, mathematician</p>
Words with the /k/ sound spelt ch (Greek in origin)		scheme, chorus, chemist, echo, character
Words with the /ʃ/ sound spelt ch (mostly French in origin)		chef, chalet, machine, brochure
Words ending with the /g/ sound spelt -gue and the /k/ sound spelt -que (French in origin)		league, tongue, antique, unique
Words with the /s/ sound spelt sc (Latin in origin)	In the Latin words from which these words come, the Romans probably pronounced the c and the k as two sounds rather than one – /s/ /k/.	science, scene, discipline, fascinate, crescent
Words with the /eɪ/ sound spelt ei, eigh, or ey		vein, weigh, eight, neighbour, they, obey

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
Possessive apostrophe with plural words	The apostrophe is placed after the plural form of the word; -s is not added if the plural already ends in -s , but <i>is</i> added if the plural does not end in -s (i.e. is an irregular plural – e.g. <i>children's</i>).	girls', boys', babies', children's, men's, mice's (Note: singular proper nouns ending in an <i>s</i> use the 's suffix e.g. Cyprus's population)
Homophones and near-homophones		accept/except, affect/effect, ball/bawl, berry/bury, brake/break, fair/fare, grate/great, groan/grown, here/hear, heel/heal/he'll, knot/not, mail/male, main/mane, meat/meet, medal/meddle, missed/mist, peace/piece, plain/plane, rain/rein/reign, scene/seen, weather/whether, whose/who's

Times tables

Recall multiplication and division facts for multiplication tables up to 12×12 .

1x table	2x table	3x table	4x table	5x table	6x table
$1 \times 1 = 1$	$1 \times 2 = 2$	$1 \times 3 = 3$	$1 \times 4 = 4$	$1 \times 5 = 5$	$1 \times 6 = 6$
$2 \times 1 = 2$	$2 \times 2 = 4$	$2 \times 3 = 6$	$2 \times 4 = 8$	$2 \times 5 = 10$	$2 \times 6 = 12$
$3 \times 1 = 3$	$3 \times 2 = 6$	$3 \times 3 = 9$	$3 \times 4 = 12$	$3 \times 5 = 15$	$3 \times 6 = 18$
$4 \times 1 = 4$	$4 \times 2 = 8$	$4 \times 3 = 12$	$4 \times 4 = 16$	$4 \times 5 = 20$	$4 \times 6 = 24$
$5 \times 1 = 5$	$5 \times 2 = 10$	$5 \times 3 = 15$	$5 \times 4 = 20$	$5 \times 5 = 25$	$5 \times 6 = 30$
$6 \times 1 = 6$	$6 \times 2 = 12$	$6 \times 3 = 18$	$6 \times 4 = 24$	$6 \times 5 = 30$	$6 \times 6 = 36$
$7 \times 1 = 7$	$7 \times 2 = 14$	$7 \times 3 = 21$	$7 \times 4 = 28$	$7 \times 5 = 35$	$7 \times 6 = 42$
$8 \times 1 = 8$	$8 \times 2 = 16$	$8 \times 3 = 24$	$8 \times 4 = 32$	$8 \times 5 = 40$	$8 \times 6 = 48$
$9 \times 1 = 9$	$9 \times 2 = 18$	$9 \times 3 = 27$	$9 \times 4 = 36$	$9 \times 5 = 45$	$9 \times 6 = 54$
$10 \times 1 = 10$	$10 \times 2 = 20$	$10 \times 3 = 30$	$10 \times 4 = 40$	$10 \times 5 = 50$	$10 \times 6 = 60$
$11 \times 1 = 11$	$11 \times 2 = 22$	$11 \times 3 = 33$	$11 \times 4 = 44$	$11 \times 5 = 55$	$11 \times 6 = 66$
$12 \times 1 = 12$	$12 \times 2 = 24$	$12 \times 3 = 36$	$12 \times 4 = 48$	$12 \times 5 = 60$	$12 \times 6 = 72$
7x table	8x table	9x table	10x table	11x table	12x table
$1 \times 7 = 7$	$1 \times 8 = 8$	$1 \times 9 = 9$	$1 \times 10 = 10$	$1 \times 11 = 11$	$1 \times 12 = 12$
$2 \times 7 = 14$	$2 \times 8 = 16$	$2 \times 9 = 18$	$2 \times 10 = 20$	$2 \times 11 = 22$	$2 \times 12 = 24$
$3 \times 7 = 21$	$3 \times 8 = 24$	$3 \times 9 = 27$	$3 \times 10 = 30$	$3 \times 11 = 33$	$3 \times 12 = 36$
$4 \times 7 = 28$	$4 \times 8 = 32$	$4 \times 9 = 36$	$4 \times 10 = 40$	$4 \times 11 = 44$	$4 \times 12 = 48$
$5 \times 7 = 35$	$5 \times 8 = 40$	$5 \times 9 = 45$	$5 \times 10 = 50$	$5 \times 11 = 55$	$5 \times 12 = 60$
$6 \times 7 = 42$	$6 \times 8 = 48$	$6 \times 9 = 54$	$6 \times 10 = 60$	$6 \times 11 = 66$	$6 \times 12 = 72$
$7 \times 7 = 49$	$7 \times 8 = 56$	$7 \times 9 = 63$	$7 \times 10 = 70$	$7 \times 11 = 77$	$7 \times 12 = 84$
$8 \times 7 = 56$	$8 \times 8 = 64$	$8 \times 9 = 72$	$8 \times 10 = 80$	$8 \times 11 = 88$	$8 \times 12 = 96$
$9 \times 7 = 63$	$9 \times 8 = 72$	$9 \times 9 = 81$	$9 \times 10 = 90$	$9 \times 11 = 99$	$9 \times 12 = 108$
$10 \times 7 = 70$	$10 \times 8 = 80$	$10 \times 9 = 90$	$10 \times 10 = 100$	$10 \times 11 = 110$	$10 \times 12 = 120$
$11 \times 7 = 77$	$11 \times 8 = 88$	$11 \times 9 = 99$	$11 \times 10 = 110$	$11 \times 11 = 121$	$11 \times 12 = 132$
$12 \times 7 = 84$	$12 \times 8 = 96$	$12 \times 9 = 108$	$12 \times 10 = 120$	$12 \times 11 = 132$	$12 \times 12 = 144$

Written calculation methods

Multiply two-digit and three-digit numbers by a one-digit number using formal written layout.

Example:

Multiplication

	H	T	O	
		3	4	
x			5	
		2	0	(5 × 4)
+	1	5	0	(5 × 30)
	1	7	0	

Division

		0	3	7
5)	1	8	5

Addition & Subtraction

Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.

Addition

	3	5	1	7
+		3	9	6
	3	9	1	3

Add the ones first.

Subtraction

	Th	H	T	O
	5	6	3	13
-	4	3	1	6
	1	3	2	7