

Outline curriculum plans

The school will follow the National Curriculum of England regulations from 2013.

We will promote the moral, cultural, mental and physical development of pupils, and will prepare pupils at the school for the opportunities, responsibilities and experiences of later life. Not only will we base on learning, but also we will provide our pupils with knowledge and skills necessary to contribute in a global community and prepare them for a future of learning and success. We will do this through inquiry, hands-on experiences, and rigorous skill work.

Structure

Figure 1 – Structure of the national curriculum (Core units)

	Key stage 1	Key stage 2
Age	5 – 7	7 – 11
Year groups	1 – 2	3 – 6
Core subjects		
English	✓	✓
Mathematics	✓	✓
Science	✓	✓
Spanish	✓	✓
Foundation subjects		
Art and design	✓	✓
Computing	✓	✓
Design and technology	✓	✓
Languages	✓	✓
Geography	✓	✓
History	✓	✓
Music	✓	✓
Physical education	✓	✓

Figure 2 – Statutory teaching of religious education

	Key stage 1	Key stage 2
Age	5 – 7	7 – 11
Year groups	1 – 2	3 – 6
Religious education	✓	✓

Figure 3– Non-core units

	Key stage 1	Key stage 2
Age	5 – 7	7 – 11
Year groups	1 – 2	3 – 6
Chinese	✓	✓
French	✓	✓
School magazine	✓	✓

Inclusion

Setting suitable challenges

Teachers will set high expectations for every pupil. They will plan stretching work for pupils whose attainment is significantly above the expected standard. They will plan lessons for pupils who have low levels of prior attainment or come from disadvantaged backgrounds. Teachers will use assessment to set targets which are deliberately ambitious to achieve the development of internationally minded pupils who demonstrate intercultural skills, are multilingual and learn about the world from a global context as well as develop inquiring, knowledgeable and caring people who, recognizing their common humanity and shared guardianship of the planet, help to create a better and more peaceful world.

Responding to pupils' needs and overcoming potential barriers for individuals and groups of pupils

Teachers will take account of their duties under equal opportunities legislation that covers race, disability, sex, religion or belief

Timetabling the Curriculum

We have taken account of DfES Circular 7/90, which recommends minimum teaching hours, while acknowledging the need for a more flexible approach in maintained special schools. Although this is no longer statutory it provides useful guidance for schools.

The structure of the school day

- Pupils will be expected to arrive in school ready to start their first lesson at 9.00 a.m.
- The school day will finish at 3.15 p.m.
- Pupils will have a morning break of 15 minutes and a lunch break of 1 hour (to include eating their meal and time for play or leisure activities)
- There will be an additional break of 15 minutes which might be used at lunchtime or in the afternoon
- All pupils in KS 1 and above have 'thinking time' or another form of collective worship for at least 10 minutes each day and attend an assembly of 30 minutes each week. In line with DfE guidance, this time does not 'count' towards taught hours.

Teaching time thus equates to:

KS1 and KS2

School Day 9.00 to 3.15 (6 hours 15 mins)	Minus lunch and play 1 hour 30 mins	Equals per day 4 hrs 45 mins
Total hours for 5 days minus 40 minutes for collective worship and 30 minutes for assembly (5 x 4hrs 45 mins – 1 hr 10 mins)		Total hours per week 22 hours 35 mins

A balanced timetable will take into account both the time given to individual subjects and the range of activities.

The basic timetable 'slot' is 30 minutes in length but some activities may be as short as 15 minutes while others (particularly those based in the community) may last for longer. In deciding the length of a lesson, teachers will take into account the learning styles of pupils and their concentration span as well as the demands of the subject.

Teachers will structure the timetable around the subjects which are taught at the appropriate curriculum level. Each 'will be allocated to one or at most two subjects which will be the main focus of the planned learning objectives. Learning will not be neatly divided into subjects and one experience may provide opportunities to develop skills and concepts across a range of subjects; significant learning outcomes from other subject areas may therefore also be noted on the relevant planning sheets.

The additional curriculum, in particular, may be addressed across the timetable, within activities whose focus is other subject areas (for example, carrying out a mobility programme when moving between activities). The evidence that these areas of the curriculum are being addressed will be found on planning sheets and progress records.

When planning the activities through which their pupils will access each subject, teachers will take into account their pupils' preferred modes of learning and the approaches appropriate to the curriculum level. For example, pupils of Year 1 often learn most effectively in a play situation while the Formal curriculum places greater emphasis on table-based activities and formal group work. Teachers will consider what is an appropriate balance for their group between formal and active learning, physical exercise and table-based work, group and individual sessions, routine activities which may be repeated each week and novel experiences.

Where an individual or small group of pupils is working at a different level from the majority within the class the teacher will ensure that their needs are met through a mixture of differentiation and separate activities.

This does not preclude cross-curricular planning (for example teachers will include opportunities to develop communication or speaking and listening in all activities) and such links will be highlighted on planning sheets. Personalised targets will be identified at Person Centred Reviews and teachers will note on planning sheets the opportunities to address these targets alongside other aspects of personalised learning.

The tables which follow will set out a minimum number of hours for each subject according to the curriculum levels and the age of the class. These hours leave a certain amount of flexibility which may be used for subjects within the additional curriculum, for subjects or types of activity which are a priority for a particular class, for additional subjects and for travelling time to and from activities (when this is not used to address skills such as travel competence or mobility).

The basic timetable is an important source of security and part of the structure which enables pupils to gain independence; it will therefore not be subject to change from day to day unless a risk assessment shows a particular activity to be unsafe.

Teachers will vary the timetable for up to 15 days each year in order to incorporate the activities which offer curriculum enrichment (such as Arts Week or Sports Day) or educational visits. The learning outcomes for these events are recorded in weekly plans.

SUBJECT ALLOCATIONS

YEAR 1 – a sensory curriculum for life and learning

Minimum time per subject per week

Communication and language	5 hrs
Spanish	1 hr
Exploring & ordering the world	4 hrs
Social & emotional development	4 hrs
Physical development	2 ½ hrs
Knowledge & Understanding of the World	2 ½ hrs
Creative development	1 hr
Flexible allocation	2 ½ hrs
Total taught time	22,5 hrs

YEAR 2 and 3 – an exploratory curriculum for life and learning

Minimum time per subject per week

Communication, language and literacy	4 hrs
Spanish	2 hrs
Maths	2 hrs
Science	1 ½ hrs
ICT	30 mins
Sensory development (if appropriate)	1 hr
Social & emotional development	3 hrs
Physical development	3 hrs
Knowledge & Understanding of the World	3 hrs
Creative development	2 hrs
Flexible allocation	1½ or 2 ½ hrs
Total taught time	22,5 hrs

YEAR 4 to 6 – an academic curriculum for life and learning

Minimum time per subject per week

English/ Communication	5 hrs
Spanish	2 hrs
Mathematics	4 hrs
Science	2 hrs
ICT (Information and Communications Technology)	30 mins
RE (Religious Education)	30 mins
PE (Physical Education)	3 hrs
Music	30 mins
History/Geography	1 hr
Art	30 mins
DT (Design and technology)	30 mins
PSHCE (Personal, Social, Health and Citizenship Education)	2 hrs 30 mins
Flexible allocation	30 mins
Total taught time	22,5 hrs

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When planning the activities through which their pupils will access each subject, teachers will take into account their pupils' preferred modes of learning and the approaches appropriate to the curriculum level. For example, pupils of Year 1 often learn most effectively in a play situation while the Formal curriculum places greater emphasis on table-based activities and formal group work. Teachers will consider what is an appropriate balance for their group between formal and active learning, physical exercise and table-based work, group and individual sessions, routine activities which may be repeated each week and novel experiences.

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This does not preclude cross-curricular planning (for example teachers will include opportunities to develop communication or speaking and listening in all activities) and such links will be highlighted on planning sheets. Personalised targets will be identified at Person Centred Reviews and teachers will note on planning sheets the opportunities to address these targets alongside other aspects of personalised learning.

The tables which follow will set out a minimum number of hours for each subject according to the curriculum levels and the age of the class. These hours leave a certain amount of flexibility which may be used for subjects within the additional curriculum, for subjects or types of activity which are a priority for a particular class, for additional subjects and for travelling time to and from activities (when this is not used to address skills such as travel competence or mobility).

The basic timetable is an important source of security and part of the structure which enables pupils to gain independence; it will therefore not be subject to change from day to day unless a risk assessment shows a particular activity to be unsafe.

Teachers will vary the timetable for up to 15 days each year in order to incorporate the activities which offer curriculum enrichment (such as Arts Week or Sports Day) or educational visits. The learning outcomes for these events are recorded in weekly plans.

ENGLISH TAUGHT SUBJECTS

Subjects taught in English will follow the English National Curriculum 2013, adapted wherever appropriate to our geographical location and the needs of our children.

SPANISH TAUGHT SUBJECTS

All students follow the Spanish National Curriculum for language (lengua española).

Communication, language and literacy

The aims of the English and Spanish language curriculum are to:

- promote positive attitudes and develop an appreciation of the value of language-spoken, read and written
- create, foster and maintain the child's interest in expression and communication
- develop the child's ability to engage appropriately in listener-speaker relationships
- develop confidence and competence in listening, speaking, reading and writing
- develop cognitive ability and the capacity to clarify thinking through oral language, writing and reading
- enable the child to read and write independently
- enhance emotional, imaginative and aesthetic development through oral, reading and writing experiences.

In the process of acquiring language skills and in developing the ability to use language other crucial elements of the child's personality and potential are cultivated. For instance, the learning of a new word, or an extended meaning of a word already known, can entail more than extension of vocabulary. It can interact with ideas already familiar to the child in a way that broadens and deepens understanding. Likewise, in attempting to express emotional or imaginative experience, the act of putting feelings and intuitions into language can give them a focus that deepens the child's knowledge of himself/herself and of the world. To give expression to these two principles the curriculum is structured in four strands:

- *Receptiveness to language*
- *Competence and confidence in using language*
- *Developing cognitive abilities through language*
- *Emotional and imaginative development through language.*

According to the National Curriculum of England regulations from 2013 the specific aims are:

A) Spelling

year 1

The boundary between revision of work covered in Reception and the introduction of new work may vary according to the programme used, but basic revision should include: all letters of the alphabet and the sounds which they most commonly represent

- consonant digraphs which have been taught and the sounds which they represent
- vowel digraphs which have been taught and the sounds which they represent
- the process of segmenting spoken words into sounds before choosing graphemes to represent the sounds
- words with adjacent consonants
- guidance and rules which have been taught

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
The sounds /f/, /l/, /s/, /z/ and /k/ spelt ff, ll, ss, zz and ck	The /f/, /l/, /s/, /z/ and /k/ sounds are usually spelt as ff , ll , ss , zz and ck if they come straight after a single vowel letter in short words. Exceptions: if, pal, us, bus, yes.	off, well, miss, buzz, back
The /ŋ/ sound spelt n before k		bank, think, honk, sunk
Division of words into syllables	Each syllable is like a 'beat' in the spoken word. Words of more than one syllable often have an unstressed syllable in which the vowel sound is unclear.	pocket, rabbit, carrot, thunder, sunset
The /v/ sound at the end of words	English words hardly ever end with the letter v , so if a word ends with a /v/ sound, the letter e usually needs to be added after the 'v'.	have, live, give
Adding s and es to words (plural of nouns and the third person singular of verbs)	If the ending sounds like /s/ or /z/, it is spelt as -s . If the ending sounds like /ɪz/ and forms an extra syllable or 'beat' in the word, it is spelt as -es .	cats, dogs, spends, rocks, thanks, catches
Adding the endings –ing, –ed and –er to verbs where no change is needed to the root word	<p>–ing and –er always add an extra syllable to the word and –ed sometimes does.</p> <p>The past tense of some verbs may sound as if it ends in /ɪd/ (extra syllable), /d/ or /t/ (no extra syllable), but all these endings are spelt –ed. If the verb ends in two consonant letters (the same or different), the ending is simply added on.</p>	hunting, hunted, hunter, buzzing, buzzed, buzzer, jumping, jumped, jumper
Adding –er and –est to adjectives where no change is needed to the root word	As with verbs (see above), if the adjective ends in two consonant letters (the same or different), the ending is simply added on.	grander, grandest, fresher, freshest, quicker, quickest

-tch	The /tʃ/ sound is usually spelt as tch if it comes straight after a single vowel letter. Exceptions: rich, which, much, such.	catch, fetch, kitchen, notch, hutch
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Vowel digraphs and trigraphs	Rules and guidance (non-statutory)	Example words (non-statutory)
ai, oi	The digraphs ai and oi are virtually never used at the end of English words.	rain, wait, train, paid, afraid oil, join, coin, point, soil
ay, oy	ay and oy are used for those sounds at the end of words and at the end of syllables.	day, play, say, way, stay boy, toy, enjoy, annoy
a-e		made, came, same, take, safe
e-e		these, theme, complete
i-e		five, ride, like, time, side
o-e		home, those, woke, hope, hole
u-e	Both the /u:/ and /ju:/ ('oo' and 'yoo') sounds can be spelt as u-e .	June, rule, rude, use, tube, tune
ar		car, start, park, arm, garden
ee		see, tree, green, meet, week
ea (/i:/)		sea, dream, meat, each, read (present tense)
ea (/ɛ/)		head, bread, meant, instead, read (past tense)

er (/ɜ:/)	(stressed sound): her, term, verb, person
er (/ə/)	(unstressed <i>schwa</i> sound): better, under, summer, winter, sister
ir	girl, bird, shirt, first, third
ur	turn, hurt, church, burst, Thursday

Vowel digraphs and trigraphs	Rules and guidance (non-statutory)	Example words (non-statutory)
oo (/u:/)	Very few words end with the letters oo , although the few that do are often words that primary children in year 1 will encounter, for example, <i>zoo</i>	food, pool, moon, zoo, soon
oo (/ʊ/)		book, took, foot, wood, good
oa	The digraph oa is very rare at the end of an English word.	boat, coat, road, coach, goal
oe		toe, goes
ou	The only common English word ending in ou is <i>you</i> .	out, about, mouth, around, sound
ow (/aʊ/) ow (/əʊ/) ue ew	Both the /u:/ and /ju:/ ('oo' and 'yoo') sounds can be spelt as u-e , ue and ew . If words end in the /oo/ sound, ue and ew are more common spellings than oo .	now, how, brown, down, town own, blow, snow, grow, show blue, clue, true, rescue, Tuesday new, few, grew, flew, drew, threw
ie (/aɪ/)		lie, tie, pie, cried, tried, dried
ie (/i:/)		chief, field, thief
igh		high, night, light, bright, right

or	for, short, born, horse, morning
ore	more, score, before, wore, shore
aw	saw, draw, yawn, crawl
au	author, August, dinosaur, astronaut
air	air, fair, pair, hair, chair
ear	dear, hear, beard, near, year
ear (/ɛə/)	bear, pear, wear
are (/ɛə/)	bare, dare, care, share, scared

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
Words ending –y (/i:/ or /ɪ/)		very, happy, funny, party, family
New consonant spellings ph and wh	The /f/ sound is not usually spelt as ph in short everyday words (e.g. <i>fat, fill, fun</i>).	dolphin, alphabet, phonics, elephant when, where, which, wheel, while
Using k for the /k/ sound	The /k/ sound is spelt as k rather than as c before e, i and y .	Kent, sketch, kit, skin, frisky
Adding the prefix –un	The prefix un– is added to the beginning of a word without any change to the spelling of the root word.	unhappy, undo, unload, unfair, unlock
Compound words	Compound words are two words joined together. Each part of the longer word is spelt as it would be if it were on its own.	football, playground, farmyard, bedroom, blackberry

Common exception words	Pupils' attention should be drawn to the grapheme-phoneme correspondences that do and do not fit in with what has been taught so far.	the, a, do, to, today, of, said, says, are, were, was, is, his, has, I, you, your, they, be, he, me, she, we, no, go, so, by, my, here, there, where, love, come, some, one, once, ask, friend, school, put, push, pull, full, house, our – and/or others, according to the programme used
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year 2

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
The /dʒ/ sound spelt as ge and dge at the end of words, and sometimes spelt as g elsewhere in words before e, i and y	<p>The letter j is never used for the /dʒ/ sound at the end of English words.</p> <p>At the end of a word, the /dʒ/ sound is spelt – dge straight after the /æ/, /ɛ/, /ɪ/, /ɒ/, /ʌ/ and /ʊ/ sounds (sometimes called 'short' vowels).</p> <p>After all other sounds, whether vowels or consonants, the /dʒ/ sound is spelt as -ge at the end of a word.</p> <p>In other positions in words, the /dʒ/ sound is often (but not always) spelt as g before e, i, and y. The /dʒ/ sound is always spelt as j before a, o and u.</p>	<p>badge, edge, bridge, dodge, fudge</p> <p>age, huge, change, charge, bulge, village</p> <p>gem, giant, magic, giraffe, energy jacket, jar, jog, join, adjust</p>
The /s/ sound spelt c before e, i and y		race, ice, cell, city, fancy
The /n/ sound spelt kn and (less often) gn at the beginning of words	The 'k' and 'g' at the beginning of these words was sounded hundreds of years ago.	knock, know, knee, gnat, gnaw
The /r/ sound spelt wr at the beginning of words	This spelling probably also reflects an old pronunciation.	write, written, wrote, wrong, wrap
The /l/ or /əl/ sound spelt -le at the end of words	The -le spelling is the most common spelling for this sound at the end of words.	table, apple, bottle, little, middle

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
The // or /ə/ sound spelt –el at the end of words	The –el spelling is much less common than –le. The –el spelling is used after m, n, r, s, v, w and more often than not after s .	camel, tunnel, squirrel, travel, towel, tinsel
The // or /ə/ sound spelt –al at the end of words	Not many nouns end in –al, but many adjectives do.	metal, pedal, capital, hospital, animal
Words ending –il	There are not many of these words.	pencil, fossil, nostril
The /aɪ/ sound spelt –y at the end of words	This is by far the most common spelling for this sound at the end of words.	cry, fly, dry, try, reply, July
Adding –es to nouns and verbs ending in –y	The y is changed to i before – es is added.	flies, tries, replies, copies, babies, carries
Adding –ed, –ing, –er and –est to a root word ending in –y with a consonant before it	The y is changed to i before – ed , – er and – est are added, but not before – ing as this would result in ii . The only ordinary words with ii are <i>skiing</i> and <i>taxiing</i> .	copied, copier, happier, happiest, cried, replied ... but copying, crying, replying
Adding the endings –ing, –ed, –er, –est and –y to words ending in –e with a consonant before it	The – e at the end of the root word is dropped before – ing , – ed , – er , – est , – y or any other suffix beginning with a vowel letter is added. Exception: <i>being</i> .	hiking, hiked, hiker, nicer, nicest, shiny
Adding –ing, –ed, –er, –est and –y to words of one syllable ending in a single consonant letter after a single vowel letter	The last consonant letter of the root word is doubled to keep the /æ/, /ɛ/, /ɪ ɒ/, /ɪ/ and /ʌ/ sound (i.e. to keep the vowel ‘short’). Exception: The letter ‘x’ is never doubled: <i>mixing, mixed, boxer, sixes</i> .	patting, patted, humming, hummed, dropping, dropped, sadder, saddest, fatter, fattest, runner, runny
The /ɔ:/ sound spelt a before l and ll	The /ɔ:/ sound (‘or’) is usually spelt as a before l and ll .	all, ball, call, walk, talk, always
The /ʌ/ sound spelt o		other, mother, brother, nothing, Monday

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
The /i:/ sound spelt -ey	The plural of these words is formed by the addition of -s (<i>donkeys, monkeys, etc.</i>).	key, donkey, monkey, chimney, valley
The /ɒ/ sound spelt a after w and qu	a is the most common spelling for the /ɒ/ ('hɒt') sound after w and qu .	want, watch, wander, quantity, squash
The /ɜ:/ sound spelt or after w	There are not many of these words.	word, work, worm, world, worth
The /ɔ:/ sound spelt ar after w	There are not many of these words.	war, warm, towards
The /ɜ/ sound spelt s		television, treasure, usual
The suffixes -ment, -ness, -ful, -less and -ly	<p>If a suffix starts with a consonant letter, it is added straight on to most root words without any change to the last letter of those words.</p> <p>Exceptions:</p> <p>(1) <i>argument</i></p> <p>(2) root words ending in -y with a consonant before it but only if the root word has more than one syllable.</p>	<p>enjoyment, sadness, careful, playful, hopeless, plainness (plain + ness), badly</p> <p>merriment, happiness, plentiful, penniless, happily</p>
Contractions	<p>In contractions, the apostrophe shows where a letter or letters would be if the words were written in full (e.g. <i>can't – cannot</i>).</p> <p><i>It's</i> means <i>it is</i> (e.g. <i>It's</i> raining) or sometimes <i>it has</i> (e.g. <i>It's</i> been raining), but <i>it's</i> is never used for the possessive.</p>	can't, didn't, hasn't, couldn't, it's, I'll
The possessive apostrophe (singular nouns)		Megan's, Ravi's, the girl's, the child's, the man's
Words ending in -tion		station, fiction, motion, national, section

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
Homophones and near-homophones	It is important to know the difference in meaning between homophones.	there/their/they're, here/hear, quite/quiet, see/sea, bare/bear, one/won, sun/son, to/too/two, be/bee, blue/blew, night/knight
Common exception words	Some words are exceptions in some accents but not in others – e.g. <i>past</i> , <i>last</i> , <i>fast</i> , <i>path</i> and <i>bath</i> are not exceptions in accents where the a in these words is pronounced /æ/, as in <i>cat</i> . <i>Great</i> , <i>break</i> and <i>steak</i> are the only common words where the /eɪ/ sound is spelt ea .	door, floor, poor, because, find, kind, mind, behind, child, children*, wild, climb, most, only, both, old, cold, gold, hold, told, every, everybody, even, great, break, steak, pretty, beautiful, after, fast, last, past, father, class, grass, pass, plant, path, bath, hour, move, prove, improve, sure, sugar, eye, could, should, would, who, whole, any, many, clothes, busy, people, water, again, half, money, Mr, Mrs, parents, Christmas – and/or others according to programme used. Note: 'children' is not an exception to what has been taught so far but is included because of its relationship with 'child'.

Years 3 and 4

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
<p>Adding suffixes beginning with vowel letters to words of more than one syllable</p>	<p>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.</p>	<p>forgetting, forgotten, beginning, beginner, prefer, preferred</p> <p>gardening, gardener, limiting, limited, limitation</p>
<p>The /ɪ/ sound spelt y elsewhere than at the end of words</p>	<p>These words should be learnt as needed.</p>	<p>myth, gym, Egypt, pyramid, mystery</p>
<p>The /ʌ/ sound spelt ou</p>	<p>These words should be learnt as needed.</p>	<p>young, touch, double, trouble, country</p>
<p>More prefixes</p>	<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>dis-: disappoint, disagree, disobey mis-: misbehave, mislead, misspell (mis + spell)</p>
	<p>The prefix in- can mean both 'not' and 'in'/'into'. In the words given here it means 'not'.</p>	<p>in-: inactive, incorrect</p>

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
	Before a root word starting with l , in- becomes il- .	illegal, illegible
	Before a root word starting with m or p , in- becomes im- .	immature, immortal, impossible, impatient, imperfect
	Before a root word starting with r , in- becomes ir- .	irregular, irrelevant, irresponsible
	re- means 'again' or 'back'.	re- : redo, refresh, return, reappear, redecorate
	sub- means 'under'.	sub- : subdivide, subheading, submarine, submerge
	inter- means 'between' or 'among'.	inter- : interact, intercity, international, interrelated (inter + related)
	super- means 'above'.	super- : supermarket, superman, superstar
	anti- means 'against'.	anti- : antiseptic, anticlockwise, antisocial
	auto- means 'self' or 'own'.	auto- : autobiography, autograph
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	The suffix -ly is added to an adjective to form an adverb. The rules already learnt still apply. The suffix -ly starts with a consonant letter, so it is added straight on to most root words.	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>	happily, angrily
	<p>(2) If the root word ends with –le, the –le is changed to –ly.</p>	gently, simply, humbly, nobly
	<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</i>, <i>duly</i>, <i>wholly</i>.</p>	basically, frantically, dramatically
<p>Words with endings sounding like /ʒə/ or /tʃə/</p>	<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</i>, <i>catcher</i>, <i>richer</i>, <i>stretcher</i>.</p>	measure, treasure, pleasure, enclosure creature, furniture, picture, nature, adventure
<p>Endings which sound like /ʒən/</p>	<p>If the ending sounds like /ʒən/, it is spelt as –sion.</p>	division, invasion, confusion, decision, collision, television
<p>The suffix –ous</p>	<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>	poisonous, dangerous, mountainous, famous, various tremendous, enormous, jealous humorous, glamorous, vigorous courageous, outrageous serious, obvious, curious hideous, spontaneous, courteous

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. Exceptions: <i>attend</i> – <i>attention</i>, <i>intend</i> – <i>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 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
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Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
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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 s use the 's suffix e.g. Cyprus's population)
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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
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Years 5 and 6

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
Endings which sound like /ʃəs/ spelt -cious or -tious	<p>Not many common words end like this.</p> <p>If the root word ends in -ce, the /ʃ/ sound is usually spelt as c – e.g. <i>vice</i> – <i>vicious</i>, <i>grace</i> – <i>gracious</i>, <i>space</i> – <i>spacious</i>, <i>malice</i> – <i>malicious</i>.</p> <p>Exception: <i>anxious</i>.</p>	<p>vicious, precious, conscious, delicious, malicious, suspicious, ambitious, cautious, fictitious, infectious, nutritious</p>
Endings which sound like /ʃəl/	<p>-cial is common after a vowel letter and -tial after a consonant letter, but there are some exceptions.</p> <p>Exceptions: <i>initial</i>, <i>financial</i>, <i>commercial</i>, <i>provincial</i> (the spelling of the last three is clearly related to <i>finance</i>, <i>commerce</i> and <i>province</i>).</p>	<p>official, special, artificial, partial, confidential, essential</p>
Words ending in -ant , -ance/-ancy , -ent , -ence/-ency	<p>Use -ant and -ance/-ancy if there is a related word with a /æ/ or /eɪ/ sound in the right position; -ation endings are often a clue.</p> <p>Use -ent and -ence/-ency after soft c (/s/ sound), soft g (/dʒ/ sound) and qu, or if there is a related word with a clear /ɛ/ sound in the right position.</p> <p>There are many words, however, where the above guidance does not help. These words just have to be learnt.</p>	<p>observant, observance, (observ<u>a</u>tion), expectant (expect<u>a</u>tion), hesitant, hesitancy (hesit<u>a</u>tion), tolerant, tolerance (toler<u>a</u>tion), substance (subst<u>a</u>ntial) innocent, innocence, decent, decency, frequent, frequency, confident, confidence (confid<u>e</u>ntial) assistant, assistance, obedient, obedience, independent, independ<u>e</u>nce</p>

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
Words ending in –able and –ible	The –able/–ably endings are far more common than the –ible/–ibly endings.	adorable/adorably (adoration), applicable/applicably
Words ending in –ably and –ibly	As with –ant and –ance/–ancy , the –able ending is used if there is a related word ending in –ation .	(application), considerable/considerably (consideration), tolerable/tolerably (toleration)
	If the –able ending is added to a word ending in –ce or –ge , the e after the c or g must be kept as those letters would otherwise have their ‘hard’ sounds (as in <i>cap</i> and <i>gap</i>) before the a of the –able ending.	changeable, noticeable, forcible, legible
	The –able ending is usually but not always used if a complete root word can be heard before it, even if there is no related word ending in –ation . The first five examples opposite are obvious; in <i>reliable</i> , the complete word <i>rely</i> is heard, but the y changes to i in accordance with the rule.	dependable, comfortable, understandable, reasonable, enjoyable, reliable
	The –ible ending is common if a complete root word can’t be heard before it but it also sometimes occurs when a complete word <i>can</i> be heard (e.g. <i>sensible</i>).	possible/possibly, horrible/horribly, terrible/terribly, visible/visibly, incredible/incredibly, sensible/sensibly
Adding suffixes beginning with vowel letters to words ending in –fer	The r is doubled if the –fer is still stressed when the ending is added.	referring, referred, referral, preferring, preferred, transferring, transferred reference, referee, preference, transference
	The r is not doubled if the –fer is no longer stressed.	
Use of the hyphen	Hyphens can be used to join a prefix to a root word, especially if the prefix ends in a vowel letter and the root word also begins with one.	co-ordinate, re-enter, co-operate, co-own

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
Words with the /i:/ sound spelt ei after c	<p>The 'i before e except after c' rule applies to words where the sound spelt by ei is /i:/.</p> <p>Exceptions: <i>protein, caffeine, seize</i> (and <i>either</i> and <i>neither</i> if pronounced with an initial /i:/ sound).</p>	deceive, conceive, receive, perceive, ceiling
Words containing the letter-string ough	ough is one of the trickiest spellings in English – it can be used to spell a number of different sounds.	ought, bought, thought, nought, brought, fought rough, tough, enough cough though, although, dough through thorough, borough plough, bough
Words with 'silent' letters (i.e. letters whose presence cannot be predicted from the pronunciation of the word)	Some letters which are no longer sounded used to be sounded hundreds of years ago: e.g. in <i>knight</i> , there was a /k/ sound before the /n/, and the gh used to represent the sound that 'ch' now represents in the Scottish word <i>loch</i> .	doubt, island, lamb, solemn, thistle, knight

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
<p>Homophones and other words that are often confused</p>	<p>In the pairs of words opposite, nouns end –ce and verbs end –se. <i>Advice</i> and <i>advise</i> provide a useful clue as the word <i>advise</i> (verb) is pronounced with a /z/ sound – which could not be spelt c.</p> <p><u>More examples:</u></p> <p>aisle: a gangway between seats (in a church, train, plane). isle: an island. aloud: out loud. allowed: permitted. affect: usually a verb (e.g. <i>The weather may affect our plans</i>). effect: usually a noun (e.g. <i>It may have an effect on our plans</i>). If a verb, it means ‘bring about’ (e.g. <i>He will effect changes in the running of the business</i>). altar: a table-like piece of furniture in a church. alter: to change. ascent: the act of ascending (going up). assent: to agree/agreement (verb and noun). bridal: to do with a bride at a wedding. bridle: reins etc. for controlling a horse. cereal: made from grain (e.g. breakfast cereal). serial: adjective from the noun <i>series</i> – a succession of things one after the other. compliment: to make nice remarks about someone (verb) or the remark that is made (noun). complement: related to the word <i>complete</i> – to make something complete or more complete (e.g. <i>her scarf complemented her outfit</i>).</p>	<p>advice/advise device/devise licence/license practice/practise prophecy/prophesy</p> <p>farther: further father: a male parent guessed: past tense of the verb <i>guess</i> guest: visitor heard: past tense of the verb <i>hear</i> herd: a group of animals led: past tense of the verb <i>lead</i> lead: present tense of that verb, or else the metal which is very heavy (<i>as heavy as lead</i>) morning: before noon mourning: grieving for someone who has died past: noun or adjective referring to a previous time (e.g. <i>In the past</i>) or preposition or adverb showing place (e.g. <i>he walked past me</i>) passed: past tense of the verb ‘pass’ (e.g. <i>I passed him in the road</i>) precede: go in front of or before proceed: go on</p>

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
<p>Homophones and other words that are often confused (continued)</p>	<p>descent: the act of descending (going down). dissent: to disagree/disagreement (verb and noun). desert: as a noun – a barren place (stress on first syllable); as a verb – to abandon (stress on second syllable) dessert: (stress on second syllable) a sweet course after the main course of a meal. draft: noun – a first attempt at writing something; verb – to make the first attempt; also, to draw in someone (e.g. <i>to draft in extra help</i>) draught: a current of air.</p>	<p>principal: adjective – most important (e.g. <i>principal ballerina</i>) noun – important person (e.g. <i>principal of a college</i>) principle: basic truth or belief profit: money that is made in selling things prophet: someone who foretells the future stationary: not moving stationery: paper, envelopes etc. steal: take something that does not belong to you steel: metal wary: cautious weary: tired who's: contraction of <i>who is</i> or <i>who has</i> whose: belonging to someone (e.g. <i>Whose jacket is that?</i>)</p>

B) Spoken language

Years 1 to 6

Pupils should be taught to:

- listen and respond appropriately to adults and their peers
- ask relevant questions to extend their understanding and knowledge
- use relevant strategies to build their vocabulary
- articulate and justify answers, arguments and opinions
- give well-structured descriptions, explanations and narratives for different purposes, including for expressing feelings
- maintain attention and participate actively in collaborative conversations, staying on topic and initiating and responding to comments
- use spoken language to develop understanding through speculating, hypothesising, imagining and exploring ideas
- speak audibly and fluently with an increasing command of Standard English
- participate in discussions, presentations, performances, role play, improvisations and debates
- gain, maintain and monitor the interest of the listener(s)
- consider and evaluate different viewpoints, attending to and building on the contributions of others
- select and use appropriate registers for effective communication.

C) Reading

Word reading

Year 1

Pupils should be taught to:

- apply phonic knowledge and skills as the route to decode words
- respond speedily with the correct sound to graphemes (letters or groups of letters) for all 40+ phonemes, including, where applicable, alternative sounds for graphemes
- read accurately by blending sounds in unfamiliar words containing GPCs that have been taught
- read common exception words, noting unusual correspondences between spelling and sound and where these occur in the word
- read words containing taught GPCs and –s, –es, –ing, –ed, –er and –est endings
- read other words of more than one syllable that contain taught GPCs

- read words with contractions [for example, I'm, I'll, we'll], and understand that the apostrophe represents the omitted letter(s)
- read aloud accurately books that are consistent with their developing phonic knowledge and that do not require them to use other strategies to work out words
- re-read these books to build up their fluency and confidence in word reading.

Year 2

Pupils should be taught to:

- continue to apply phonic knowledge and skills as the route to decode words until automatic decoding has become embedded and reading is fluent
- read accurately by blending the sounds in words that contain the graphemes taught so far, especially recognising alternative sounds for graphemes
- read accurately words of two or more syllables that contain the same graphemes as above
- read words containing common suffixes
- read further common exception words, noting unusual correspondences between spelling and sound and where these occur in the word
- read most words quickly and accurately, without overt sounding and blending, when they have been frequently encountered
- read aloud books closely matched to their improving phonic knowledge, sounding out unfamiliar words accurately, automatically and without undue hesitation
- re-read these books to build up their fluency and confidence in word reading.

Years 3 and 4

Pupils should be taught to:

- apply their growing knowledge of root words, prefixes and suffixes (etymology and morphology), both to read aloud and to understand the meaning of new words they meet
- read further exception words, noting the unusual correspondences between spelling and sound, and where these occur in the word.

Years 5 and 6

Pupils should be taught to:

- apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), both to read aloud and to understand the meaning of new words that they meet.

Comprehension

Year 1

Pupils should be taught to:

- develop pleasure in reading, motivation to read, vocabulary and understanding by:
- listening to and discussing a wide range of poems, stories and non-fiction at a level beyond that at which they can read independently
- being encouraged to link what they read or hear read to their own experiences
- becoming very familiar with key stories, fairy stories and traditional tales, retelling them and considering their particular characteristics
- recognising and joining in with predictable phrases
- learning to appreciate rhymes and poems, and to recite some by heart
- discussing word meanings, linking new meanings to those already known
- understand both the books they can already read accurately and fluently and those they listen to by:
- drawing on what they already know or on background information and vocabulary provided by the teacher
- checking that the text makes sense to them as they read and correcting inaccurate reading
- discussing the significance of the title and events
- making inferences on the basis of what is being said and done
- predicting what might happen on the basis of what has been read so far
- participate in discussion about what is read to them, taking turns and listening to what others say
- explain clearly their understanding of what is read to them.

Year 2

Pupils should be taught to:

- develop pleasure in reading, motivation to read, vocabulary and understanding by:
- listening to, discussing and expressing views about a wide range of contemporary and classic poetry, stories and non-fiction at a level beyond that at which they can read independently
- discussing the sequence of events in books and how items of information are related
- becoming increasingly familiar with and retelling a wider range of stories, fairy stories and traditional tales
- being introduced to non-fiction books that are structured in different ways □ recognising simple recurring literary language in stories and poetry
- discussing and clarifying the meanings of words, linking new meanings to known vocabulary
- discussing their favourite words and phrases
- continuing to build up a repertoire of poems learnt by heart, appreciating these and reciting some, with appropriate intonation to make the meaning clear
- understand both the books that they can already read accurately and fluently and those that they listen to by:
- drawing on what they already know or on background information and vocabulary provided by the teacher
- checking that the text makes sense to them as they read and correcting inaccurate reading
- making inferences on the basis of what is being said and done
- answering and asking questions
- predicting what might happen on the basis of what has been read so far
- participate in discussion about books, poems and other works that are read to them and those that they can read for themselves, taking turns and listening to what others say
- explain and discuss their understanding of books, poems and other material, both those that they listen to and those that they read for themselves.

Years 3 and 4

Pupils should be taught to:

- develop positive attitudes to reading and understanding of what they read by:
- listening to and discussing a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- reading books that are structured in different ways and reading for a range of purposes
- using dictionaries to check the meaning of words that they have read

- increasing their familiarity with a wide range of books, including fairy stories, myths and legends, and retelling some of these orally
- identifying themes and conventions in a wide range of books
- preparing poems and play scripts to read aloud and to perform, showing understanding through intonation, tone, volume and action
- discussing words and phrases that capture the reader's interest and imagination
- recognising some different forms of poetry [for example, free verse, narrative poetry]
- understand what they read, in books they can read independently, by:
 - checking that the text makes sense to them, discussing their understanding and explaining the meaning of words in context
 - asking questions to improve their understanding of a text
 - drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
 - predicting what might happen from details stated and implied
 - identifying main ideas drawn from more than one paragraph and summarising these
 - identifying how language, structure, and presentation contribute to meaning
- retrieve and record information from non-fiction
- participate in discussion about both books that are read to them and those they can read for themselves, taking turns and listening to what others say.

Years 5 and 6

Pupils should be taught to:

- maintain positive attitudes to reading and understanding of what they read by:
 - continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
 - reading books that are structured in different ways and reading for a range of purposes
 - increasing their familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions
- recommending books that they have read to their peers, giving reasons for their choices
- identifying and discussing themes and conventions in and across a wide range of writing
- making comparisons within and across books
- learning a wider range of poetry by heart
- preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience

- understand what they read by:
- checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
- asking questions to improve their understanding
- drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- predicting what might happen from details stated and implied
- summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
- identifying how language, structure and presentation contribute to meaning
- discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
- distinguish between statements of fact and opinion
- retrieve, record and present information from non-fiction
- participate in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas and challenging views courteously
- explain and discuss their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes where necessary
- provide reasoned justifications for their views.

C) Writing

Year 1

Transcription

Pupils should be taught to:

- spell:
- words containing each of the 40+ phonemes already taught
- common exception words
- the days of the week
- name the letters of the alphabet:
- naming the letters of the alphabet in order
- using letter names to distinguish between alternative spellings of the same sound
- add prefixes and suffixes

- using the spelling rule for adding –s or –es as the plural marker for nouns and the third person singular marker for verbs
- using the prefix un–
- using –ing, –ed, –er and –est where no change is needed in the spelling of root words [for example, helping, helped, helper, eating, quicker, quickest]
- apply simple spelling rules and guidance
- write from memory simple sentences dictated by the teacher that include words using the GPCs and common exception words taught so far.

Handwriting

Pupils should be taught to:

- sit correctly at a table, holding a pencil comfortably and correctly
- begin to form lower-case letters in the correct direction, starting and finishing in the right place
- form capital letters
- form digits 0-9
- understand which letters belong to which handwriting ‘families’ (i.e. letters that are formed in similar ways) and to practise these.

Composition

Pupils should be taught to:

- write sentences by:
 - saying out loud what they are going to write about
 - composing a sentence orally before writing it
 - sequencing sentences to form short narratives
 - re-reading what they have written to check that it makes sense
 - discuss what they have written with the teacher or other pupils
 - read aloud their writing clearly enough to be heard by their peers and the teacher.

Vocabulary, grammar and punctuation

Pupils should be taught to:

- develop their understanding of the concepts by:

- leaving spaces between words
- joining words and joining clauses using and
- beginning to punctuate sentences using a capital letter and a full stop, question mark or exclamation mark
- using a capital letter for names of people, places, the days of the week, and the personal pronoun 'I'
- learning the grammar for year 1
- use the grammatical terminology in discussing their writing.

Year 2

Transcription

Pupils should be taught to:

- spell by:
- segmenting spoken words into phonemes and representing these by graphemes, spelling many correctly
- learning new ways of spelling phonemes for which one or more spellings are already known, and learn some words with each spelling, including a few common homophones
- learning to spell common exception words
- learning to spell more words with contracted forms
- learning the possessive apostrophe (singular) [for example, the girl's book]
- distinguishing between homophones and near-homophones
- add suffixes to spell longer words, including –ment, –ness, –ful, –less, –ly
- apply spelling rules and guidance
- write from memory simple sentences dictated by the teacher that include words using the GPCs, common exception words and punctuation taught so far.

Handwriting

Pupils should be taught to:

- form lower-case letters of the correct size relative to one another
- start using some of the diagonal and horizontal strokes needed to join letters and understand which letters, when adjacent to one another, are best left unjoined

- write capital letters and digits of the correct size, orientation and relationship to one another and to lower case letters
- use spacing between words that reflects the size of the letters.

Composition

Pupils should be taught to:

- develop positive attitudes towards and stamina for writing by:
 - writing narratives about personal experiences and those of others (real and fictional)
 - writing about real events
 - writing poetry
 - writing for different purposes
- consider what they are going to write before beginning by:
 - planning or saying out loud what they are going to write about
 - writing down ideas and/or key words, including new vocabulary
 - encapsulating what they want to say, sentence by sentence
- make simple additions, revisions and corrections to their own writing by:
 - evaluating their writing with the teacher and other pupils
 - re-reading to check that their writing makes sense and that verbs to indicate time are used correctly and consistently, including verbs in the continuous form
 - proof-reading to check for errors in spelling, grammar and punctuation [for example, ends of sentences punctuated correctly]
- read aloud what they have written with appropriate intonation to make the meaning clear.

Vocabulary, grammar and punctuation

Pupils should be taught to:

- develop their understanding of the concepts by:
 - learning how to use both familiar and new punctuation correctly (see English Appendix 2), including full stops, capital letters, exclamation marks, question marks, commas for lists and apostrophes for contracted forms and the possessive (singular)
- learn how to use:
 - sentences with different forms: statement, question, exclamation, command

- expanded noun phrases to describe and specify [for example, the blue butterfly]
- the present and past tenses correctly and consistently including the progressive form
- subordination (using when, if, that, or because) and co-ordination (using or, and, or but)
- the grammar for year 2
- some features of written Standard English
- use and understand the grammatical terminology in discussing their writing.

Year 3 and 4

Transcription

Pupils should be taught to:

- use further prefixes and suffixes and understand how to add them (English Appendix 1)
- spell further homophones
- spell words that are often misspelt
- place the possessive apostrophe accurately in words with regular plurals [for example, girls', boys'] and in words with irregular plurals [for example, children's]
- use the first two or three letters of a word to check its spelling in a dictionary
- write from memory simple sentences, dictated by the teacher, that include words and punctuation taught so far.

Handwriting

Pupils should be taught to:

- use the diagonal and horizontal strokes that are needed to join letters and understand which letters, when adjacent to one another, are best left unjoined
- increase the legibility, consistency and quality of their handwriting [for example, by ensuring that the downstrokes of letters are parallel and equidistant; that lines of writing are spaced sufficiently so that the ascenders and descenders of letters do not touch].

Composition

Pupils should be taught to:

- plan their writing by:
- discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar
- discussing and recording ideas
- draft and write by:
- composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures
- organising paragraphs around a theme
- in narratives, creating settings, characters and plot
- in non-narrative material, using simple organisational devices [for example, headings and sub-headings]
- evaluate and edit by:
- assessing the effectiveness of their own and others' writing and suggesting improvements
- proposing changes to grammar and vocabulary to improve consistency, including the accurate use of pronouns in sentences
- proof-read for spelling and punctuation errors
- read aloud their own writing, to a group or the whole class, using appropriate intonation and controlling the tone and volume so that the meaning is clear.

Vocabulary, grammar and punctuation

Pupils should be taught to:

- develop their understanding of the concepts by:
- extending the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although
- using the present perfect form of verbs in contrast to the past tense
- choosing nouns or pronouns appropriately for clarity and cohesion and to avoid repetition
- using conjunctions, adverbs and prepositions to express time and cause
- using fronted adverbials

- learning the grammar for years 3 and 4
- indicate grammatical and other features by:
- using commas after fronted adverbials
- indicating possession by using the possessive apostrophe with plural nouns
- using and punctuating direct speech
- use and understand the grammatical terminology accurately and appropriately when discussing their writing and reading.

Year 5 and 6

Transcription

Pupils should be taught to:

- use further prefixes and suffixes and understand the guidance for adding them
- spell some words with 'silent' letters [for example, knight, psalm, solemn]
- continue to distinguish between homophones and other words which are often confused
- use knowledge of morphology and etymology in spelling and understand that the spelling of some words needs to be learnt specifically
- use dictionaries to check the spelling and meaning of words
- use the first three or four letters of a word to check spelling, meaning or both of these in a dictionary
- use a thesaurus.

Handwriting and presentation

Pupils should be taught to:

- write legibly, fluently and with increasing speed by:
- choosing which shape of a letter to use when given choices and deciding whether or not to join specific letters
- choosing the writing implement that is best suited for a task.

Composition

Pupils should be taught to:

- plan their writing by:
- identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- noting and developing initial ideas, drawing on reading and research where necessary
- in writing narratives, considering how authors have developed characters and settings in what pupils have read, listened to or seen performed
- draft and write by:
- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action
- précising longer passages
- using a wide range of devices to build cohesion within and across paragraphs
- using further organisational and presentational devices to structure text and to guide the reader [for example, headings, bullet points, underlining]
- evaluate and edit by:
- assessing the effectiveness of their own and others' writing
- proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- ensuring the consistent and correct use of tense throughout a piece of writing
- ensuring correct subject and verb agreement when using singular and plural, distinguishing between the language of speech and writing and choosing the appropriate register
- proof-read for spelling and punctuation errors
- perform their own compositions, using appropriate intonation, volume, and movement so that meaning is clear.

Vocabulary, grammar and punctuation

Pupils should be taught to:

- develop their understanding of the concepts by:
- recognising vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms

- using passive verbs to affect the presentation of information in a sentence
- using the perfect form of verbs to mark relationships of time and cause
- using expanded noun phrases to convey complicated information concisely
- using modal verbs or adverbs to indicate degrees of possibility
- using relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun
- learning the grammar for years 5 and 6
- indicate grammatical and other features by:
 - using commas to clarify meaning or avoid ambiguity in writing
 - using hyphens to avoid ambiguity
 - using brackets, dashes or commas to indicate parenthesis
 - using semi-colons, colons or dashes to mark boundaries between independent clauses
 - using a colon to introduce a list
- punctuating bullet points consistently
- use and understand the grammatical terminology accurately and appropriately in discussing their writing and reading.

Mathematics

The aims of the primary mathematics curriculum are:

- to develop a positive attitude towards mathematics and an appreciation of both its practical and its aesthetic aspects
- to develop problem-solving abilities and a facility for the application of mathematics to everyday life
- to enable the child to use mathematical language effectively and accurately
- to enable the child to acquire an understanding of mathematical concepts and processes to his/her appropriate level of development and ability
- to enable the child to acquire proficiency in fundamental mathematical skills and in recalling basic number facts.

According to the National Curriculum of England regulations from 2013 the specific aims are:

Year 1

Number and place value

Pupils should be taught to:

- count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number
- count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens
- given a number, identify one more and one less
- identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least
- read and write numbers from 1 to 20 in numerals and words.

Number addition and subtraction

- read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs
- represent and use number bonds and related subtraction facts within 20
- add and subtract one-digit and two-digit numbers to 20, including zero
- solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$.
- solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.

Number – fractions

Pupils should be taught to:

- recognise, find and name a half as one of two equal parts of an object, shape or quantity
- recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.
- compare, describe and solve practical problems for:
 - lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]
 - mass/weight [for example, heavy/light, heavier than, lighter than]
 - capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]
 - time [for example, quicker, slower, earlier, later]
- measure and begin to record the following:
 - lengths and heights
 - mass/weight
 - capacity and volume
 - time (hours, minutes, seconds)
- recognise and know the value of different denominations of coins and notes
- sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]
- recognise and use language relating to dates, including days of the week, weeks, months and years
- tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.
- recognise and name common 2-D and 3-D shapes, including:
 - 2-D shapes [for example, rectangles (including squares), circles and triangles]
 - 3-D shapes [for example, cuboids (including cubes), pyramids and spheres].

Geometry – position and direction

Pupils should be taught to:

- describe position, direction and movement, including whole, half, quarter and threequarter turns.

Year 2

Number and place value

Pupils should be taught to:

- count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
- recognise the place value of each digit in a two-digit number (tens, ones)
- identify, represent and estimate numbers using different representations, including the number line
- compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs
- read and write numbers to at least 100 in numerals and in words
- use place value and number facts to solve problems.

Number - addition and subtraction

Pupils should be taught to:

- solve problems with addition and subtraction:
 - using concrete objects and pictorial representations, including those involving numbers, quantities and measures
 - applying their increasing knowledge of mental and written methods
 - recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- add and subtract numbers using concrete objects, pictorial representations, and mentally, including:
 - a two-digit number and ones
 - a two-digit number and tens
 - two two-digit numbers
 - adding three one-digit numbers
- show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

Number - multiplication and division

Pupils should be taught to:

- recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs
- show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
- solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

Number – fractions

Pupils should be taught to:

- recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity
- write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.

Measurement

Pupils should be taught to:

- choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$
- recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
- find different combinations of coins that equal the same amounts of money
- solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
- compare and sequence intervals of time

- tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times
- know the number of minutes in an hour and the number of hours in a day.

Geometry – properties of shapes

Pupils should be taught to:

- identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line
- identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces
- identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]
- compare and sort common 2-D and 3-D shapes and everyday objects.

Geometry – position and direction

Pupils should be taught to:

- order and arrange combinations of mathematical objects in patterns and sequences
- use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anticlockwise).

Statistics

Pupils should be taught to:

- interpret and construct simple pictograms, tally charts, block diagrams and simple tables
- ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity
- ask and answer questions about totalling and comparing categorical data.

Year 3

Number and place value

Pupils should be taught to:

- count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
- recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
- compare and order numbers up to 1000
- identify, represent and estimate numbers using different representations
- read and write numbers up to 1000 in numerals and in words
- solve number problems and practical problems involving these ideas.

Number - addition and subtraction

Pupils should be taught to:

- add and subtract numbers mentally, including:
 - a three-digit number and ones
 - a three-digit number and tens
 - a three-digit number and hundreds
- add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
- estimate the answer to a calculation and use inverse operations to check answers
- solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

Number - multiplication and division

Pupils should be taught to:

- recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables

- write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods
- solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.

Number – fractions

Pupils should be taught to:

- count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
- recognise, find and write fractions of a discrete set of objects: unit fractions and nonunit fractions with small denominators
- recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
- recognise and show, using diagrams, equivalent fractions with small denominators
- add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$]
- compare and order unit fractions, and fractions with the same denominators
- solve problems that involve all of the above.

Measurement

Pupils should be taught to:

- measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
- measure the perimeter of simple 2-D shapes
- add and subtract amounts of money to give change, using both £ and p in practical contexts
- tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks
- estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight

- know the number of seconds in a minute and the number of days in each month, year and leap year
- compare durations of events [for example to calculate the time taken by particular events or tasks].

Geometry – properties of shapes

Pupils should be taught to:

- draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them
- recognise angles as a property of shape or a description of a turn
- identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle
- identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

Statistics

Pupils should be taught to:

- interpret and present data using bar charts, pictograms and tables
- solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.

Year 4

Number and place value

Pupils should be taught to:

- count in multiples of 6, 7, 9, 25 and 1000
- find 1000 more or less than a given number
- count backwards through zero to include negative numbers

- recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
- order and compare numbers beyond 1000
- identify, represent and estimate numbers using different representations
- round any number to the nearest 10, 100 or 1000
- solve number and practical problems that involve all of the above and with increasingly large positive numbers
- read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.

Number - addition and subtraction

Pupils should be taught to:

- add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- estimate and use inverse operations to check answers to a calculation
- solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.

Number - multiplication and division

Pupils should be taught to:

- recall multiplication and division facts for multiplication tables up to 12×12
- use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
- recognise and use factor pairs and commutativity in mental calculations
- multiply two-digit and three-digit numbers by a one-digit number using formal written layout
- solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

Number – fractions

Pupils should be taught to:

- recognise and show, using diagrams, families of common equivalent fractions
- count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.
- solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
- add and subtract fractions with the same denominator
- recognise and write decimal equivalents of any number of tenths or hundredths
- recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$
- find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths
- round decimals with one decimal place to the nearest whole number
- compare numbers with the same number of decimal places up to two decimal places
- solve simple measure and money problems involving fractions and decimals to two decimal places.

Measurement

Pupils should be taught to:

- Convert between different units of measure [for example, kilometre to metre; hour to minute]
- measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
- find the area of rectilinear shapes by counting squares
- estimate, compare and calculate different measures, including money in pounds and pence
- read, write and convert time between analogue and digital 12- and 24-hour clocks
- solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.

Geometry – properties of shapes

Pupils should be taught to:

- compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
- identify acute and obtuse angles and compare and order angles up to two right angles by size
- identify lines of symmetry in 2-D shapes presented in different orientations
- complete a simple symmetric figure with respect to a specific line of symmetry.

Geometry – position and direction

Pupils should be taught to:

- describe positions on a 2-D grid as coordinates in the first quadrant
- describe movements between positions as translations of a given unit to the left/right and up/down
- plot specified points and draw sides to complete a given polygon.

Statistics

Pupils should be taught to:

- interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.
- solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

Year 5

Number and place value

Pupils should be taught to:

- read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit

- count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000
- interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero
- round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000
- solve number problems and practical problems that involve all of the above
- read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

Number - addition and subtraction

Pupils should be taught to:

- add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
- add and subtract numbers mentally with increasingly large numbers
- use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

Number - multiplication and division

Pupils should be taught to:

- identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
- know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers
- establish whether a number up to 100 is prime and recall prime numbers up to 19
- multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers
- multiply and divide numbers mentally drawing upon known facts
- divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context
- multiply and divide whole numbers and those involving decimals by 10, 100 and 1000

- recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³)
- solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes
- solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign
- solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.

Number – fractions

Pupils should be taught to:

- compare and order fractions whose denominators are all multiples of the same number
- identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]
- add and subtract fractions with the same denominator and denominators that are multiples of the same number
- multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- read and write decimal numbers as fractions [for example, $0.71 = \frac{71}{100}$]
- recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
- round decimals with two decimal places to the nearest whole number and to one decimal place
- read, write, order and compare numbers with up to three decimal places
- solve problems involving number up to three decimal places
- recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal
- solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25.

Measurement

Pupils should be taught to:

- convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)
- understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints
- measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes
- estimate volume [for example, using 1 cm^3 blocks to build cuboids (including cubes)] and capacity [for example, using water]
- solve problems involving converting between units of time
- use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.

Geometry – properties of shapes

Pupils should be taught to:

- identify 3-D shapes, including cubes and other cuboids, from 2-D representations
- know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles
- draw given angles, and measure them in degrees ($^\circ$)
- identify:
 - angles at a point and one whole turn (total 360°)
 - angles at a point on a straight line and $\frac{1}{2}$ a turn (total 180°) and other multiples of 90°
- use the properties of rectangles to deduce related facts and find missing lengths and angles
- distinguish between regular and irregular polygons based on reasoning about equal sides and angles.

Geometry – position and direction

Pupils should be taught to:

- identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.

Statistics

Pupils should be taught to:

- solve comparison, sum and difference problems using information presented in a line graph
- complete, read and interpret information in tables, including timetables.

Year 6

Number and place value

Pupils should be taught to:

- read, write, order and compare numbers up to 10 000 000 and determine the value of each digit
- round any whole number to a required degree of accuracy
- use negative numbers in context, and calculate intervals across zero □ solve number and practical problems that involve all of the above.

Number – addition, subtraction, multiplication and division

Pupils should be taught to:

- multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication
- divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context

- divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context
- perform mental calculations, including with mixed operations and large numbers
- identify common factors, common multiples and prime numbers
- use their knowledge of the order of operations to carry out calculations involving the four operations
- solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
- solve problems involving addition, subtraction, multiplication and division
- use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.

Number – fractions

Pupils should be taught to:

- use common factors to simplify fractions; use common multiples to express fractions in the same denomination
- compare and order fractions, including fractions > 1
- add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
- multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$]
- divide proper fractions by whole numbers [for example, $\frac{1}{3} \div 2 = \frac{1}{6}$]
- associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example, $\frac{3}{8}$]
- identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places
- multiply one-digit numbers with up to two decimal places by whole numbers
- use written division methods in cases where the answer has up to two decimal places
- solve problems which require answers to be rounded to specified degrees of accuracy
- recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.

Ratio and proportions

Pupils should be taught to:

- solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts
- solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison
- solve problems involving similar shapes where the scale factor is known or can be found
- solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

Algebra

Pupils should be taught to:

- use simple formulae
- generate and describe linear number sequences
- express missing number problems algebraically
- find pairs of numbers that satisfy an equation with two unknowns
- enumerate possibilities of combinations of two variables.
- missing numbers, lengths, coordinates and angles
- formulae in mathematics and science
- equivalent expressions (for example, $a + b = b + a$)
- generalisations of number patterns
- number puzzles (for example, what two numbers can add up to)

Measurement

Pupils should be taught to:

- solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate

- use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places
- convert between miles and kilometres
- recognise that shapes with the same areas can have different perimeters and vice versa
- recognise when it is possible to use formulae for area and volume of shapes
- calculate the area of parallelograms and triangles
- calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm^3) and cubic metres (m^3), and extending to other units [for example, mm^3 and km^3].

Geometry – properties of shapes

Pupils should be taught to:

- draw 2-D shapes using given dimensions and angles
- recognise, describe and build simple 3-D shapes, including making nets
- compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons
- illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius
- recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

Geometry – position and direction

Pupils should be taught to:

- describe positions on the full coordinate grid (all four quadrants)
- draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

Statistics

Pupils should be taught to:

- interpret and construct pie charts and line graphs and use these to solve problems
- calculate and interpret the mean as an average.

Social, environmental and scientific education

The aims of social, environmental and scientific education are:

- to enable the child to acquire knowledge, skills and attitudes so as to develop an informed and critical understanding of social, environmental and scientific issues
- to reinforce and stimulate curiosity and imagination about local and wider environments
- to enable the child to play a responsible role as an individual, as a family member and as a member of local, regional, national, European and global communities
- to foster an understanding of, and concern for, the total interdependence of all humans, all living things and the Earth on which they live
- to foster a sense of responsibility for the long-term care of the environment and a commitment to promote the sustainable use of the
- Earth's resources through personal life-style and participation in collective environmental decision-making
- to cultivate humane and responsible attitudes and an appreciation of the world in accordance with beliefs and values.

Primary science will involve helping children develop basic scientific ideas and understanding, which will enable them to explore and investigate their world. In well-planned, practical investigations children's natural curiosity will be channeled and they will be equipped with the strategies and processes to develop scientific ideas and concepts.

The teaching of science in our school will involve the development of two types of understanding: *conceptual understanding* and *procedural understanding*. Children's *conceptual understanding* is concerned with the development of scientific knowledge and with their deepening understanding of fundamental scientific ideas.

The four strands of the science programme are:

Living things

Materials

Energy and forces

Environmental awareness and care

These outline the knowledge and understanding that children acquire and describe the scientific ideas that they will encounter.

According to the National Curriculum of England regulations from 2013 the specific aims are:

Year 1

Plants

Pupils should be taught to:

- identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
- identify and describe the basic structure of a variety of common flowering plants, including trees.

Animals, including humans

Pupils should be taught to:

- identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals
- identify and name a variety of common animals that are carnivores, herbivores and omnivores
- describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)
- identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.

Everyday materials

Pupils should be taught to:

- distinguish between an object and the material from which it is made
- identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- describe the simple physical properties of a variety of everyday materials
- compare and group together a variety of everyday materials on the basis of their simple physical properties.

Seasonal changes

Pupils should be taught to:

- observe changes across the four seasons
- observe and describe weather associated with the seasons and how day length varies.

Year 2

Living things and their habitats

Pupils should be taught to:

- explore and compare the differences between things that are living, dead, and things that have never been alive
- identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other
- identify and name a variety of plants and animals in their habitats, including microhabitats
- describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

Plants

Pupils should be taught to:

- observe and describe how seeds and bulbs grow into mature plants
- find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

Animals, including humans

Pupils should be taught to:

- notice that animals, including humans, have offspring which grow into adults
- find out about and describe the basic needs of animals, including humans, for survival (water, food and air)
- describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.

Everyday materials

Pupils should be taught to:

- identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
- find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

Year 3

Plants

Pupils should be taught to:

- identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers
- explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant
- investigate the way in which water is transported within plants
- explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

Animals, including humans

Pupils should be taught to:

- identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat
- identify that humans and some other animals have skeletons and muscles for support, protection and movement.

Rocks

Pupils should be taught to:

- compare and group together different kinds of rocks on the basis of their appearance and simple physical properties
- describe in simple terms how fossils are formed when things that have lived are trapped within rock
- recognise that soils are made from rocks and organic matter.

Light

Pupils should be taught to:

- recognise that they need light in order to see things and that dark is the absence of light
- notice that light is reflected from surfaces

- recognise that light from the sun can be dangerous and that there are ways to protect their eyes
- recognise that shadows are formed when the light from a light source is blocked by an opaque object
- find patterns in the way that the size of shadows change.

Forces and magnets

Pupils should be taught to:

- compare how things move on different surfaces
- notice that some forces need contact between two objects, but magnetic forces can act at a distance
- observe how magnets attract or repel each other and attract some materials and not others
- compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials
- describe magnets as having two poles
- predict whether two magnets will attract or repel each other, depending on which poles are facing.

Year 4

Living things and their habitats

Pupils should be taught to:

- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can sometimes pose dangers to living things.

Animals, including humans

Pupils should be taught to:

- describe the simple functions of the basic parts of the digestive system in humans
- identify the different types of teeth in humans and their simple functions
- construct and interpret a variety of food chains, identifying producers, predators and prey.

States of matter

Pupils should be taught to:

- compare and group materials together, according to whether they are solids, liquids or gases
- observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Sound

Pupils should be taught to:

- identify how sounds are made, associating some of them with something vibrating
- recognise that vibrations from sounds travel through a medium to the ear
- find patterns between the pitch of a sound and features of the object that produced it
- find patterns between the volume of a sound and the strength of the vibrations that produced it
- recognise that sounds get fainter as the distance from the sound source increases.

Electricity

Pupils should be taught to:

- identify common appliances that run on electricity
- construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery
- recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
- recognise some common conductors and insulators, and associate metals with being good conductors.

Year 5

Living things and their habitats

Pupils should be taught to:

- describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- describe the life process of reproduction in some plants and animals.

Animals, including humans

Pupils should be taught to:

- describe the changes as humans develop to old age.

Properties and changes of materials

Pupils should be taught to:

- compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
- know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- demonstrate that dissolving, mixing and changes of state are reversible changes
- explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

Earth and space

Pupils should be taught to:

- describe the movement of the Earth, and other planets, relative to the Sun in the solar system
- describe the movement of the Moon relative to the Earth
- describe the Sun, Earth and Moon as approximately spherical bodies
- use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

Forces

Pupils should be taught to:

- explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- identify the effects of air resistance, water resistance and friction, that act between moving surfaces
- recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

Year 6

Living things and their habitats

Pupils should be taught to:

- describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals
- give reasons for classifying plants and animals based on specific characteristics.

Animals, including humans

Pupils should be taught to:

- identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- describe the ways in which nutrients and water are transported within animals, including humans.

Evolution and inheritance

Pupils should be taught to:

- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents

- identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Light

Pupils should be taught to:

- recognise that light appears to travel in straight lines
- use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

Electricity

Pupils should be taught to:

- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- use recognised symbols when representing a simple circuit in a diagram.

Information and Communications Technology

The aims of Information and Communications Technology are:

- understanding and applying the fundamental principles and concepts of computer science, including abstraction, logic, algorithms and data representation
- analyzing problems in computational terms, and have repeated practical experience of writing computer programs in order to solve such problems
- evaluation and applying of information technology, including new or unfamiliar technologies, analytically to solve problems
- to be responsible, competent, confident and creative users of information and communication technology.

According to the National Curriculum of England regulations from 2013 the specific aims are:

Years 1 and 2

Pupils should be taught to:

- understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- create and debug simple programs
- use logical reasoning to predict the behaviour of simple programs
- use technology purposefully to create, organise, store, manipulate and retrieve digital content
- recognise common uses of information technology beyond school
- use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

Years 3 to 6

Pupils should be taught to:

- design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts
- use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration
- use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content
- select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information
- use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour;
- identify a range of ways to report concerns about content and contact.

Creative development - Art

The arts education will be a tool for a balance between expression and the child's need to experience and respond to the visual arts, to music and to drama. Dance will be included within the physical education curriculum, and the contribution that literature will be a part of the language curriculum.

The visual arts curriculum comprises interrelated activities in *making art* and in *looking at and responding to art*. It presents a range of activities in perceiving, exploring, responding to and appreciating the visual world. Perceiving involves looking with awareness and understanding of the visual elements and their interplay in the environment and in art works.

The aims of arts education are

- to enable the child to explore, clarify and express ideas, feelings and experiences through a range of arts activities
- to provide for aesthetic experiences and to develop aesthetic awareness in the visual arts, in music, in drama, in dance and in literature
- to develop the child's awareness of, sensitivity to and enjoyment of visual, aural, tactile and spatial qualities in the environment
- to enable the child to develop natural abilities and potential, to acquire techniques, and to practise the skills necessary for creative expression and for joyful participation in different art forms
- to enable the child to see and to solve problems creatively through imaginative thinking and so encourage individuality and enterprise
- to value the child's confidence and self-esteem through valuing self-expression
- to foster a sense of excellence in and appreciation of the arts in local, regional, national and global contexts, both past and present
- to foster a critical appreciation of the arts for personal fulfilment and enjoyment.

The parts of visual arts education will be: *Drawing, Paint and colour, Print, Clay, Construction, Fabric and fibre.*

According to the National Curriculum of England regulations from 2013 the specific aims are:

Years 1 and 2

Pupils should be taught to:

- to use a range of materials creatively to design and make products
- to use drawing, painting and sculpture to develop and share their ideas, experiences and imagination
- to develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space

- about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.

Years 3 to 6

Pupils should be taught to:

- to create sketch books to record their observations and use them to review and revisit ideas
- to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- about great artists, architects and designers in history.

Drama

- The field that drama can explore is as wide as life itself, and the areas of the exploration can be derived from the content of other curricula or from any other aspect of life that interests and concerns the children or the teacher. Examining these topics through drama will involve children in such activities as:
 - the spontaneous making of drama scenes (sometimes called improvisation)
 - entering into other lives and situations
 - engaging with life issues, knowledge and themes through drama
 - honing and shaping drama scenes for the purpose of communicating them to others
 - living through a story, making it up as they go along, solving problems in the real and fictional worlds, co-operating with others, and pooling ideas
 - thinking about and discussing the patterns in life so that the outcome of encounters and plots will reflect their perception of how life is or might be.
 - All of this can take place at a level suitable to the age of the child.
 - However complex the material may seem, the child, at any level, will find his/her own understanding and ways of dealing with it.
- the knowledge and insights gained from bringing the child's experience to bear on the examination of a particular aspect of life through drama

Music

The music curriculum comprises three strands:

- Listening and responding
- Performing
- Composing

The aims of the music curriculum are

- to enable the child to enjoy and understand music and to appreciate it critically
- to develop the child's openness to, awareness of and response to a wide range of musical genres, including Irish music
- to develop the child's capacity to express ideas, feelings and experiences through music as an individual and in collaboration with others
- to enable the child to develop his/her musical potential and to experience the excitement and satisfaction of being actively engaged in musical creativity
- to nurture the child's self-esteem and self-confidence through participation in musical performance
- to foster higher-order thinking and lifelong learning through the acquisition of musical knowledge, skills, concepts and values
- to enhance the quality of the child's life through aesthetic musical experience.

Years 1 and 2

Pupils should be taught to:

- use their voices expressively and creatively by singing songs and speaking chants and rhymes
- play tuned and untuned instruments musically
- listen with concentration and understanding to a range of high-quality live and recorded music
- experiment with, create, select and combine sounds using the inter-related dimensions of music.

Years 3 to 6

Pupils should be taught to:

- play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- improvise and compose music for a range of purposes using the inter-related dimensions of music
- listen with attention to detail and recall sounds with increasing aural memory
- use and understand staff and other musical notations
- appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians
- develop an understanding of the history of music.

Design and technology

The aims of the design and technology curriculum are:

- develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
- build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
- critique, evaluate and test their ideas and products and the work of others
- understand and apply the principles of nutrition and learn how to cook.

Years 1 and 2

When designing and making, pupils should be taught to:

Design

- design purposeful, functional, appealing products for themselves and other users based on design criteria
- generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology

Make

- select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]
- select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics

Evaluate

- explore and evaluate a range of existing products
- evaluate their ideas and products against design criteria

Technical knowledge

- build structures, exploring how they can be made stronger, stiffer and more stable
- explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.

Years 3 to 6

When designing and making, pupils should be taught to:

Design

- use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
- generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design

Make

- select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately
- select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities

Evaluate

- investigate and analyse a range of existing products
- evaluate their ideas and products against their own design criteria and consider the views of others to improve their work
- understand how key events and individuals in design and technology have helped shape the world

Technical knowledge

- apply their understanding of how to strengthen, stiffen and reinforce more complex structures
- understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]
- understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]
- apply their understanding of computing to program, monitor and control their products.

History/Geography

The aims of the history curriculum are:

- to develop an interest in and curiosity about the past
- to make the child aware of the lives of women, men and children in the past and how people and events have had an impact upon each other
- to develop an understanding of the concepts of change and continuity
- to provide for the acquisition of concepts and skills associated with sequence, time and chronology, appropriate to the developmental stages of the child
- to allow the child to encounter and use a range of historical evidence systematically and critically
- to provide opportunities for the child to communicate historical findings and interpretations in a variety of ways
- to foster sensitivity to the impact of conservation and change within local and wider environments
- to help the child recognise and examine the influences of the past on the attitudes and behavior of people today
- to foster a willingness to explore personal attitudes and values and to promote an openness to the possibility of changing one's own point of view
- to encourage the child to recognise how past and present actions, events and materials may become historically significant
- to enable the child to acquire a balanced appreciation of cultural and historical inheritances from local, national and global contexts.

Years 3 to 6

The national curriculum for history aims to ensure that all pupils:

- know and understand the history of Great Britain as a coherent, chronological narrative, from the earliest times to the present day: how people's lives have shaped this nation and how Britain has influenced and been influenced by the wider world
- know and understand significant aspects of the history of the wider world: the nature of ancient civilisations; the expansion and dissolution of empires; characteristic features of past non-European societies; achievements and follies of mankind
- gain and deploy a historically grounded understanding of abstract terms such as 'empire', 'civilisation', 'parliament' and 'peasantry'
- understand historical concepts such as continuity and change, cause and consequence, similarity, difference and significance, and use them to make connections, draw contrasts, analyse trends, frame historically-valid questions and create their own structured accounts, including written narratives and analyses
- understand the methods of historical enquiry, including how evidence is used rigorously to make historical claims, and discern how and why contrasting arguments and interpretations of the past have been constructed.

Pupils shall continue to develop a chronologically secure knowledge and understanding of British, local and world history, establishing clear narratives within and across the periods they study. They shall note connections, contrasts and trends over time and develop the appropriate use of historical terms. They shall regularly address and sometimes devise historically valid questions about change, cause, similarity and difference, and significance. They shall construct informed responses that involve thoughtful selection and organisation of relevant historical information. They shall understand how our knowledge of the past is constructed from a range of sources.

In planning to ensure the progression described above through teaching the British, local and world history outlined below, teachers shall combine overview and depth studies to help pupils understand both the long arc of development and the complexity of specific aspects of the content.

Year 3

The Egyptians
Inventors and Inventions

Year 4

The Vikings
Fashion through the Ages

Year 5

Ancient Greece
Invaders and settlers

Year 6

Historical Explorations
Mayan Civilization / Ancient Chinese Dynasty

The aims of geography are:

- to develop knowledge and understanding of local, regional and wider environments and their interrelationships
- to encourage an understanding and appreciation of the variety of natural and human conditions on the Earth
- to develop empathy with people from diverse environments and an understanding of human interdependence
- to develop the ability to use a range of communicative methods, especially those concerned with the development of graphicacy (mapping and other non-verbal, non-numerical forms of data presentation)

- to encourage the development of a sense of place and spatial awareness
- to encourage the development of caring attitudes and responsible behaviour towards the environment, and involvement in the identification, discussion, resolution and avoidance of environmental problems
- to develop an understanding of appropriate geographical concepts.

Years 3 to 6

Pupils shall extend their knowledge and understanding beyond the local area to include the United Kingdom and Europe, North and South America. This will include the location and characteristics of a range of the world's most significant human and physical features. They shall develop their use of geographical knowledge, understanding and skills to enhance their locational and place knowledge.

Pupils shall be taught to:

LOCATIONAL KNOWLEDGE:

- locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities
- name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time
- identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

PLACE KNOWLEDGE:

- understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America

HUMAN & PHYSICAL GEOGRAPHY:

describe and understand key aspects of:

- physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle
- human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

GEOGRAPHICAL SKILLS & FIELDWORK:

- use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- use the eight points of a compass, four and six-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world
- use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.

Year 3

Our Local Area
Weather Around the World
Map-work & Atlas-work
Mountains and Rivers

Year 4

Improving the Environment
Modern European Studies
Map-work & Atlas-work

Year 5

Understanding latitude, longitude, the equator, time zones and polar circles
A rainforest environment
Map-work & Atlas-work

Year 6

Coastline studies
A Village in India
Map & Atlas-work

Personal, Social, Health and Citizenship Education

The aims of social, personal and health education are:

- to promote the personal development and well-being of the child
- to foster in the child a sense of care and respect for himself/herself and others and an appreciation of the dignity of every human being
- to promote the health of the child and provide a foundation for healthy living in all its aspects
- to enable the child to make informed decisions and choices about the social, personal and health dimensions of life both now and in the future
- to develop in the child a sense of social responsibility, a commitment to active and participative citizenship and an appreciation of the democratic way of life
- to enable the child to respect human and cultural diversity and to appreciate and understand the interdependent nature of the world.

PE - Physical Education

The content of the physical education curriculum will be divided into five strands: *Athletics, Dance, Gymnastics, Games, Outdoor and adventure activities*

The aims of the physical education curriculum are:

- to promote the physical, social, emotional and intellectual development of the child
- to develop positive personal qualities
- to help in the acquisition of an appropriate range of movement skills in a variety of contexts
- to promote understanding and knowledge of the various aspects of movement
- to develop an appreciation of movement and the use of the body as an instrument of expression and creativity
- to promote enjoyment of, and positive attitudes towards, physical activity and its contribution to lifelong health-related fitness, thus preparing the child for the active and purposeful use of leisure time.

RE - Religious Education

The aims of the RE are:

Know about and understand a range of religions and worldviews, so that they can:

- describe, explain and analyse beliefs and practices, recognising the diversity which exists within and between communities and amongst individuals;
- identify, investigate and respond to questions posed, and responses offered by some of the sources of wisdom found in religions and worldviews;
- appreciate and appraise the nature, significance and impact of different ways of life and ways of expressing meaning.

Express ideas and insights about the nature, significance and impact of religions and worldviews, so that they can:

- explain reasonably their ideas about how beliefs, practices and forms of expression influence individuals and communities;
- express with increasing discernment their personal reflections and critical responses to questions and teachings about identity, diversity, meaning and value, including ethical issues;
- appreciate and appraise varied dimensions of religion or a worldview

An outline of the proposed management structure, detailed staffing plans and methods of recruitment

Staffing Formula:

The number of positions, other than those in Maintenance Services, will be based on the needs of the school – according to the number of pupils, with these positions reviewed annually and changes made only with specific Board approval.

Administration:	Principal (Senior manager)	(1)
Basic Support Units	<u>Core Units</u>	
	Teacher (Language, History Geography, RE, Art, PSHCE)	(1-2)
	Teacher (Maths, Science, ICT PE, DT)	(1-2)
	<u>Non-Core Units</u>	
	Teacher, foreign language (Chinese)	(1)
	Teacher, foreign language (French)	(1)

The number of positions assigned to the Maintenance Department will be based on the total square footage of building space.