

# Welcome to Year 5 2021 / 2022

#### **Teaching and Support Staff**

Mr Roberts will teach the majority of the curriculum. In addition:

Mrs Ludford will teach RE and Miss Johnston will teach French.

Mrs Simms will usually teach on Thursday mornings and either Tuesday or Thursday afternoon.

Mrs Sawers will provide part-time learning support.

Mr Steele and Mr Butcher will join Mr Roberts for Wednesday afternoon PE lessons.

#### Homework

All English and Maths homework will be set on a Friday to be handed in on a Wednesday.

Spellings will be set on a Friday and tested the following Friday.

Children should read at least three times a week, one of these sessions should involve reading to an adult. Please ensure that you continue to monitor and sign your child's Reading Record Book.

#### PE

PE kit should be kept in school throughout the week. During the autumn and summer terms, the class will do PE at the Bluecoat School on a Friday. They will swim during the spring term. Please remember that no jewellery, including watches and fitness trackers, should be worn and long hair should be tied back. Please inform Mr Roberts if your child is unable to take part in PE. If your child is unfit for a longer period, please inform Mr Roberts when he or she is able to resume PE.

#### Assessment

Assessments will be based upon the National Curriculum. Both formal and informal assessments will take place throughout the year and you will be able to discuss your child's attainment and progress at Parents' Evenings.

#### Parents' Evenings and Open Afternoons

You are invited to meet with Mr Roberts and Mrs Simms just before half term in October and February to discuss your child's progress. We are, of course, available to discuss your child's needs at any time throughout the school year – please contact Mrs Simms to make an appointment. Open Afternoons will take place in December, March and July and we hope that you will take the opportunity to view your child's work at these informal events.

#### Secondary School

Although your child still has two years at primary school, we would encourage you to explore as many secondary schools as you can during Year 5; all local schools will hold either virtual or face to face Open Evenings for prospective parents and pupils. If you wish to take your child on a visit during the school day, please inform Mrs Simms. If you wish your child to sit the Eleven Plus you will need to register with the appropriate grammar school. Tests are taken in the first two to three weeks of Year 6 and results are published prior to the end of October deadline for submission of secondary preference forms. If you would like any advice regarding secondary schools, we are happy to discuss options with you – please make an appointment with Mrs Simms.

#### Holidays during term time

Please remember that Mrs Simms is unable to authorise absence for family holidays during term time. The school will exercise its right to impose a Fixed Penalty Notice on any family taking children on holiday during term time. The school's absence policy can be found on the school website.

# Y5/6 Timetable 2021 / 2022

Monday			English		Maths		Science			Geography	Worsh Fr Ara		Oracy
Tuesday			English		Maths		Music	Well-being		Term 1: Hockey  Terms 2 – 6: Art / Design  Technology	Worship	Art	/ DT
Wednesday	REGISTRATION 8.45	Class-based Worship	English (Intervention groups)	5- MINUTE PIT STOP	Maths	BREAK	French Miss Johnston	Well-being	LUNCH	RE Mrs Ludford		PE	
Thursday		Class-based Worship	English Mrs Simms		Maths Mrs Simms		Guided Rea			Term 1: Ne		uting	
			English  Spellings and  rvention groups)		Maths		PE			Term 1: Science  Terms 2 – 6: PSHEE / Other  work as required	Merit Assemb	ם ו	

	Autumn	Spring	Summer
TOPIC	THE WORLD AROUND US	ROMAN BRITAIN	OUR CRUMBLING COASTLINE
	Geography – Local Study Science - Forces and Light Art – Working with textiles: Henri Rousseau's jungles inspired by Journey to the River Sea DT – Simple Machines Levers, pulleys and gears DT (skills) – Create a Bethlehem house lantern Computing – Coding with LOGO RE – Life Journey: Hinduism / Islam PSHEE – Health and Well-being	History – The Roman Empire Science – Properties and Changes of Materials Art – Great Artists in History: The Surrealists including Salvador Dali DT- Food and Nutrition Computing – Desktop publishing RE – Creation and Science: Conflicting or Complementary? PSHEE – Living in the Wider World/ eSafety	Science – Living Things and their Habitats Evolution and Inheritance (What Mr Darwin Saw) Lifecycles – Reproduction in plants and animals Geography – Coasts DT – Funky Furnishings (Textiles) Computing Video Editing Investigating Spreadsheets Computing Systems and Networks – Communication PSHEE – Relationships RE What does it mean if God is loving and holy? Do you have to believe in God to be good? PSHEE – Relationships Growing Up / Puberty
Enrichment	Harvest deliveries to the elderly Class-led Worship in church – Remembrance – 10:45am 11 <sup>th</sup> November Pantomime – 16 <sup>th</sup> December		Kingswood – Dearne Valley Residential
Extra- curricular activities	Netball Club Hockey Club (Term 1) Football Club (Term 2) Sewing Club Recorder Club	Football Club Other activities t.b.c.	Other activities t.b.c.
	Woodwind tuition	Woodwind tuition	Woodwind tuition

#### English in Year 5

Your child will build upon work from Year 4 following the national curriculum. Lessons will focus upon develop skills of reading, writing, spelling, grammar and punctuation. Detailed information about curriculum content can be found below:

			ENGLISH			
Spoken Word	Word Reading	Comprehension	Writing – transcription	Writing – Handwriting	Writing – Composition	Writing – Grammar, Vocabulary and Punctuation
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	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.	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	Spelling 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, as listed in English Appendix 1  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	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 little choosing the writing implement that is best suited for a task.	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	Pupils should be taught to: develop their understanding of 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

Spoken	Word	Comprehension	Writing – transcription	Writing –	Writing – Composition	Writing – Grammar,
Word	Reading			Handwriting		Vocabulary and
						Punctuation
give well-		identifying and discussing	use a thesaurus.		précising longer passages	indicate grammatical and other
structured		themes and conventions in and			using a wide range of devices	features by:
descriptions,		across a wide range of writing			to build cohesion within and	using commas to clarify meaning
explanations		making comparisons within			across paragraphs	or avoid ambiguity in writing
and narratives		and across books			using further organisational	using hyphens to avoid
for different		learning a wider range of			and presentational devices to	ambiguity
purposes,		poetry by heart			structure text and to guide the	using brackets, dashes or
including for		preparing poems and plays to			reader [for example, headings,	commas to indicate parenthesis
expressing		read aloud and to perform,			bullet points, underlining]	using semi-colons, colons or
feelings		showing understanding			evaluate and edit by:	dashes to mark boundaries
maintain		through intonation, tone and			assessing the effectiveness of	between independent clauses
attention and		volume so that the meaning is			their own and others' writing	using a colon to introduce a list
participate		clear to an audience				
actively in					proposing changes to vocabulary, grammar and	punctuating bullet points consistently
collaborative		understand what they read by:			punctuation to enhance effects	Consistently
conversations,		checking that the book makes			and clarify meaning	use and understand grammatical
staying on		sense to them, discussing their			ensuring the consistent and	terminology accurately and
topic and		understanding and exploring			correct use of tense	appropriately in discussing their writing and reading.
initiating and		the meaning of words in			throughout a piece of writing	writing and reading.
responding to		context				
comments		asking questions to improve			ensuring correct subject and	
use spoken		their understanding			verb agreement when using singular and plural,	
language to		drawing inferences such as			distinguishing between the	
develop		inferring characters' feelings,			language of speech and	
understanding		thoughts and motives from			writing and choosing the	
through		their actions, and justifying			appropriate register	
speculating,		inferences with evidence				
hypothesising,		predicting what might happen			proof-read for spelling and	
imagining and		from details stated and implied			punctuation errors	
exploring ideas		summarising the main ideas			perform their own	
		drawn from more than one			compositions, using	
		paragraph, identifying key			appropriate intonation, volume,	
		details that support the main			and movement so that	
		ideas.			meaning is clear.	

Spoken	Word	Comprehension	Writing – transcription	Writing –	Writing – Composition	Writing – Grammar,
Word	Reading			Handwriting		Vocabulary and
						Punctuation
speak audibly		identifying how language,				
and fluently		structure and presentation				
with an		contribute to meaning				
increasing		discuss and evaluate how				
command of						
Standard		authors use language,				
English		including figurative language,				
		considering the impact on the				
participate in		reader				
discussions,		distinguish between				
presentations,		statements of fact and opinion				
performances,		·				
role play,		retrieve, record and present				
improvisations		information from non-fiction				
and debates		participate in discussions about				
gain, maintain		books that are read to them				
and monitor		and those they can read for				
the interest of		themselves, building on their				
the listener(s)		own and others' ideas and				
the listerior(s)		challenging views courteously				
consider and		challenging views counteously				
evaluate		explain and discuss their				
different		understanding of what they				
viewpoints,		have read, including through				
attending to		formal presentations and				
and building		debates, maintaining a focus				
on the		on the topic and using notes				
contributions		where necessary				
of others						
		provide reasoned justifications				
select and use		for their views.				
appropriate						
registers for						
effective						
communication						

### **Grammar and Punctuation**

Year 6: Detail of c	ontent to be introduced (statutory requirement)
Word	The difference between vocabulary typical of informal speech and vocabulary appropriate for formal speech and writing [for example, find out – discover; ask for – request; go in – enter]  How words are related by meaning as synonyms and antonyms [for example, big, large, little].
Sentence	Use of the <b>passive</b> to affect the presentation of information in a <b>sentence</b> [for example, <i>I broke the window in the greenhouse</i> versus <i>The window in the greenhouse was broken (by me)</i> ].
	The difference between structures typical of informal speech and structures appropriate for formal speech and writing [for example, the use of question tags: He's your friend, isn't he?, or the use of <b>subjunctive</b> forms such as If I were or Were they to come in some very formal writing and speech]
Text	Linking ideas across paragraphs using a wider range of <b>cohesive devices</b> : repetition of a <b>word</b> or phrase, grammatical connections [for example, the use of <b>adverbials</b> such as <i>on the other hand, in contrast</i> , or <i>as a consequence</i> ], and <b>ellipsis</b> Layout devices [for example, headings, sub-headings, columns, bullets, or tables, to structure text]
Punctuation	Use of the semi-colon, colon and dash to mark the boundary between independent clauses [for example, It's raining; I'm fed up] Use of the colon to introduce a list and use of semi-colons within lists  Punctuation of bullet points to list information
	How hyphens can be used to avoid ambiguity [for example, man eating shark versus man-eating shark, or recover versus re-cover]
Terminology for	subject, object
pupils	active, passive
	synonym, antonym
	ellipsis, hyphen, colon, semi-colon, bullet points

## Spelling

Statutory requirements	Rules and guidance (non-statutory)	Example words (non-statutory)
Endings which sound like /∫əs/ spelt –cious or – tious	Not many common words end like this.  If the root word ends in −ce, the /ʃ/ sound is usually spelt as c − e.g. vice − vicious, grace − gracious, space − spacious, malice − malicious.  Exception: anxious.	vicious, precious, conscious, delicious, malicious, suspicious ambitious, cautious, fictitious, infectious, nutritious
Endings which sound like /∫əl/	<ul> <li>-cial is common after a vowel letter and -tial after a consonant letter, but there are some exceptions.</li> <li>Exceptions: initial, financial, commercial, provincial (the spelling of the last three is clearly related to finance, commerce and province).</li> </ul>	official, special, artificial, partial, confidential, essential
Words ending in – ant, –ance/–ancy, –ent, –ence/–ency	Use <b>-ant</b> and <b>-ance/-ancy</b> if there is a related word with a /æ/ or /eI/ sound in the right position; <b>-ation</b> endings are often a clue.	observant, observance, (observation), expectant (expectation), hesitant, hesitancy (hesitation), tolerant, tolerance (toleration), substance (substantial) innocent, innocence, decent, decency, frequent, frequency,
	Use <b>-ent</b> and <b>-ence/-ency</b> after soft <b>c</b> (/s/ sound), soft <b>g</b> (/dʒ/ sound) and <b>qu</b> , or if there is a related word with a clear /ɛ/ sound in the right position.  There are many words, however, where the above guidance does not help. These words just have to be learnt.	confident, confidence (confidential) assistant, assistance, obedient, obedience, independent, independence
Words ending in – able and –ible	The <b>-able/-ably</b> endings are far more common than the <b>-ible/-ibly</b> endings.  As with <b>-ant</b> and <b>-ance/-ancy</b> , the <b>-able</b> ending is used if there is a related word ending in <b>-ation</b> .	adorable/adorably (adoration), applicable/applicably (application), considerable/considerably (consideration), tolerable/tolerably (toleration)

Words ending in –		changeable, noticeable, forcible, legible
ably and —ibly		
,	If the <b>-able</b> ending is added to a word ending in <b>-ce</b> or <b>-ge</b> , the <b>e</b> after the <b>c</b> or <b>g</b> must be kept as those letters would otherwise have their 'hard' sounds (as in <i>cap</i> and <i>gap</i> ) before the <b>a</b> of the <b>-able</b> ending.  The <b>-able</b> 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 <b>-ation</b> . The first five examples opposite are obvious; in <i>reliable</i> , the complete word <i>rely</i> is heard, but the <b>y</b> changes to <b>i</b> in accordance with the rule.  The <b>-ible</b> ending is common if a complete root word can't be heard before it but it also sometimes occurs when a	dependable, comfortable, understandable, reasonable, enjoyable, reliable  possible/possibly, horrible/horribly, terrible/terribly, visible/visibly, incredible/incredibly, sensible/sensibly
Adding suffixes beginning with vowel letters to words ending in –	complete word <i>can</i> be heard (e.g. <i>sensible</i> ).  The <b>r</b> is doubled if the <b>-fer</b> is still stressed when the ending is added.  The <b>r</b> is not doubled if the <b>-fer</b> is no longer stressed.	referring, referred, referral, preferring, preferred, transferring, transferred reference, referee, preference, transference
fer	The Fishot doubled if the Fiel 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
Words with the /i:/ sound spelt ei after c	The 'i before e except after c' rule applies to words where the sound spelt by ei is /i:/.  Exceptions: protein, caffeine, seize (and either and neither if pronounced with an initial /i:/ sound).	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, do	ugh
	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 *knight*, there was a /k/ sound before the /n/, and the **gh** used to represent the sound that 'ch' now represents in the Scottish word *loch*.

doubt, island, lamb, solemn, thistle, knight

# The National Curriculum for Mathematics Upper key stage 2 – years 5 and 6

The principal focus of mathematics teaching in upper key stage 2 is to ensure that pupils extend their understanding of the number system and place value to include larger integers. This should develop the connections that pupils make between multiplication and division with fractions, decimals, percentages and ratio.

At this stage, pupils should develop their ability to solve a wider range of problems, including increasingly complex properties of numbers and arithmetic, and problems demanding efficient written and mental methods of calculation. With this foundation in arithmetic, pupils are introduced to the language of algebra as a means for solving a variety of problems. Teaching in geometry and measures should consolidate and extend knowledge developed in number. Teaching should also ensure that pupils classify shapes with increasingly complex geometric properties and that they learn the vocabulary they need to describe them.

By the end of year 6, pupils should be fluent in written methods for all four operations, including long multiplication and division, and in working with fractions, decimals and percentages.

Pupils should read, spell and pronounce mathematical vocabulary correctly.

#### Number and Place Value

Pupils will 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

#### **Addition and Subtraction**

- 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.

#### **Multiplication and Division**

#### Pupils will 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
   () and cubed ()
- 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 (including decimals and percentages)

- 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,

$$\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = \frac{1}{5}$$

- 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 = /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 will 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 and square metres and estimate the area of irregular shapes
- estimate volume [for example, using 1 cm 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**

- 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 (·)
- identify:
- angles at a point and one whole turn (total 360°)
- angles at a point on a straight line and half a turn (total 180)
- 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 will 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**

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

#### **ADDITIONAL GUIDANCE – COVID 19**

There have been changes to the rules on self-isolation. Please note that this does mean that children will still be in school even if they have had contact with a confirmed case.

The rules now state that:

Individuals are not required to self-isolate if they live in the same household as someone with COVID-19, or are a close contact of someone with COVID-19, and any of the following apply:

- they are fully vaccinated
- they are below the age of 18 years and 6 months
- they have taken part in or are currently part of an approved COVID-19 vaccine trial
- they are not able to get vaccinated for medical reasons

Instead, they will be contacted by NHS Test and Trace, informed they have been in close contact with a positive case and advised to take a <u>PCR test</u>. We would encourage all individuals to take a PCR test if advised to do so.

Staff who do not need to isolate, and children and young people aged under 18 years 6 months who usually attend school, and have been identified as a close contact, should continue to attend school as normal.

Schools COVID-19 Operational Guidance – Department for Education 27<sup>th</sup> August 2021

September 2021