



Year 6 Curriculum Autumn Term 2019

I hope that your child has settled well into their new class, and is enjoying the start of the new school year.

We thought you would find it useful to have a clear idea about the skills and vocabulary your child will be learning this term. The information below is, of course, only a starting point, and they will learn much more than we have written down!

Key Learning: English and maths

Reading	Writing	Maths
Draw inferences and justify your opinions using a range of texts	Use correctly joined handwriting at all times	Read, write and order numbers up to 10,000,000
Continue to read a range of fiction and non-fiction texts	Use descriptions of settings to create atmosphere	Perform a wide range of mental calculations
Predict what might happen from stated and implied details	Use purposeful dialogue which advances the action	Use mental and written methods to solve complex maths problems
	Use fronted adverbials and a range of other sentence openers	
	Use expanded noun phrases and propositional phrases	

Spellings (until half term)

Accommodate, accompany, according, achieve, aggressive, amateur, ancient, apparent, appreciate, attached, available, average, awkward, bargain, bruise, category, cemetery, committee, communicate, community, competition, conscience, conscious, controversy, convenience, correspond, criticise, curiosity, definite, desperate, determined, develop, disastrous, embarrass, environment, equipment, especially, exaggerate, excellent, existence, explanation, familiar, foreign, forty, frequently, government, guarantee, harass, hindrance

Personal, Social and Health Education

Feelings and emotions

The working world



Autumn Term Key Vocabulary and Skills

This is a brief overview of some of the vocabulary the children will learn this term. It is the minimum we expect all of the children to know and understand well by Christmas.

Art Drawing

Vocabulary	Skills
<p>Organic - Refers to shapes or forms not of geometric shape, having irregular edges, surfaces or objects similar to natural forms.</p> <p>Curvaceous – curves of a shape or picture</p> <p>Proportion - The scale relationships of one part to the whole and of one part to another. In images of figures, the appropriate balance between the size of body and its limbs.</p> <p>Intricate - something that has many small parts</p> <p>Tessellation – construct, pave or inlay mosaic small tiles</p>	<p>Use sketchbooks to record observations and use them to review and revisit</p> <p>Use dry media to make marks and create different effects including the use of line, patterns, textures and shapes</p> <p>Learn about a great designer.</p>

Computing Write code to control a micro:bit

Vocabulary	Skills
<p>Procedure - A procedure/function is used in programming to break a complex task down into simple steps or sections.</p> <p>hex file – a source file used by logic devices such as microcontrollers in remote controls or office machines</p> <p>Code – information and commands put in to a programme</p> <p>micro:bit – open sourced hardware embedded in the computer system.</p> <p>Syntax – words put together to make sentences</p>	<p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programmes</p> <p>Use sequence, selection and repetition in programmes; work out how some simple algorithms work and detect and correct errors in algorithms and programmes</p> <p>Design, write and debug programmes that accomplish specific goals, including controlling or simulating systems; solve problems by decomposing them into smaller parts</p>

Design Technology Cook savoury dishes

Vocabulary	Skills
<p>Seasonality – the cycle of food depending on the season</p>	<p>Weigh and measure accurately, cut safely, taste for seasoning</p>



Source – the place where you get something from Utensil - tools or objects used to help you cook Design - to plan or make a detailed plan of something Tare – the weight of a container when it is empty	Apply basic rules for food hygiene
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Geographical skills and Fieldwork Use the 8 points of a compass, 4- and 6-figure grid references, symbols and key (including OS maps) to build their knowledge of the UK – linked to residential visit

Vocabulary	Skills
Compass – an instrument used to measure direction Compass Rose – a circle on a map which bearings can be taken from Scale – referring to the size of something Key – a list of symbols Symbol – small pictures used to represent a feature Grid Reference – the measurement taken to locate a place on a map	Interpret a range of sources of geographical information Communicate geographical information in a variety of ways, including through maps and writing at length

History: A non-European Society that provides contrasts with British history Mayan civilization c AD900

Vocabulary	Skills
<i>Trade</i> Slaves – a person who is the property of another person Tributes – a payment by one state ruler to another Mayan trade network – a system used by the Maya to buy and sell goods Obsidian – a dark volcanic glass formed from lava Luxury items – goods that are not essential to day to day living <i>How societies are governed and ruled</i> Hierarchical – a system where an organisation has different ranks or positions depending on how important they are Urban ceremonial centre – a place where religious or formal events take place Power – the control somebody has over somebody or something Prestige – admired or respected because of their position Elites – top of the society e.g. richest, talented	Know and understand significant aspects of the history of the wider world: the expansion and dissolution of empires; achievements and follies of mankind Devise historically accurate questions about change, cause, similarity, difference and significance



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Music I'll Be There

Vocabulary	Skills
<p>Composers – people who create music</p> <p>Crotchet – a musical note that has time value of two quavers</p> <p>Duration length – the time taken for something</p> <p>Minim – a musical note that has a time value equal to two crotchets</p> <p>Rest – a pause or interval</p>	<p>Appreciate and understand a range of high-quality recorded music</p> <p>Develop an understanding of the history of music</p>

P.E. 1. High 5s 2. Tennis

Vocabulary	Skills
<p>High 5s</p> <p>Positions – Centre, Goal Defence, Goal Keeper, Goal Attack, Goal Scorer, Wing Defence, Wing Attack</p> <p>Goal Circle – refers to the semicircle marking the shooting area at each end of the court.</p> <p>Feint Pass – Aiming a ball pass in one direction and then releasing it into a completely different area.</p> <p>Odds and Evens – used to keep score in netball.</p> <p>Offside - keeps each member of the team inside their designated area</p> <p>Tennis</p> <p>Fault – a serve which hits the net and / or lands outside the service box</p> <p>Half-volley – a shot hit just as the ball bounces</p> <p>Love – a score of zero points in a game or zero games in a set</p> <p>Rally – the exchange of shots between players. A rally starts when the receiver returns serve and ends when the point is won</p> <p>Smash – an overhead shot hit very hard, usually before the ball has bounced</p>	<p>Consistently uses skills with co-ordination, control and fluency.</p> <p>Takes part in competitive games with a strong understanding of tactics and composition.</p>



Science Light

Vocabulary	Skills
<p>Translucent – some light can pass through it</p> <p>Transparent – all light passes through it</p> <p>Opaque – no light passes through it</p> <p>Light source – something you get light from eg. sun</p> <p>Artificial – they do not occur naturally, they are made by human beings</p> <p>Natural – things that occur by themselves depending on their environment</p>	<p>Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary</p> <p>Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.</p> <p>Using test results to make predictions to set up further comparative and fair tests.</p>

Science Electricity

Vocabulary	Skills
<p>Current – a flow of electricity through a wire or circuit</p> <p>Voltage – an electrical current is measured by its voltage</p>	<p>Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate</p> <p>Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.</p> <p>Using test results to make predictions to set up further comparative and fair tests.</p>

Home Learning

We would like all children to read their Accelerated Reader book as often as they can, but at least three times a week for about 20 minutes a time. They need to learn their spellings (their teacher will let you know which ones each week). We would also like them to spend time practising their maths skills using Mathletics and TTRockstars. We will make sure you get logins for these as soon as possible.