



Year 5 Curriculum Spring Term 1 2022

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
<ul style="list-style-type: none">• Exposing children to a high-quality text model in a variety of text types, as models for writing at a higher level than all children could access independently• To make predictions about the characters, plot and genre of the novel.• To draw inferences about characters based upon given clues.	<ul style="list-style-type: none">• Vary connectives within paragraphs to build cohesion into a paragraph• Use change of place, time and action to link ideas across paragraphs.• Develop complex sentences• Main and subordinate clauses with full range of conjunctions:• Use a range of punctuation including brackets/dashes/commas for parenthesis and colons• Independent planning across all genres and applications• Use of range of layouts suitable to text.	<ul style="list-style-type: none">• 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• Identify and name equivalent fractions of a given fraction, represented visually including tenths and hundredths.• Compare and order fractions whose denominators are multiplies of the same number.• Add and subtract fractions with the same denominator and denominators that are multiplies of the same number.• Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number.•



Spellings

Teachers teach a range of spelling strategies to the children during the term. Children will be challenged by spellings at their level and the teachers teach the spelling and the meanings of the year 5 and 6 statutory word list. Teachers will use a range of methods to assess whether the words can be spelt, and they can be used in the correct context. Children will not have word lists sent home to be learnt for a test unless this is part of a individual plan linked to the needs of that child.

Whole Class Guided Reading

Malamander
Beyond Neptune
Our Solar System/Stars
The Moon /The Right Spot

Spring Term 1 Key Vocabulary and Skills

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

Science – Earth and Space / Forces

Vocabulary	Skills
Moon – an object in the sky, it goes around the Earth once every four weeks Season – the main periods in which a year can be divided which each have their own typical weather conditions Planet – a large round object in space that moves around a star. Sun – a ball of fire that the Earth goes around that gives us heat and light Solar System – the sun and all of the planets that go around it Satellite – an object sent into space to collect information Friction - Friction is a 'sticking' force – the resistance that a surface or object encounters when moving over another surface or object. surface resistance Gravity - Gravity is the pulling force acting between the Earth and a falling object. Gravity pulls objects to the ground.	Explore and talk about their ideas; asking their own questions about scientific phenomena; and analysing functions, relationships and interactions more systematically. Recognise that scientific ideas change and develop over time. Draw conclusions based on their data and observations, use evidence to justify their ideas, and use their scientific knowledge and understanding to explain their findings. Pupils should read, spell and pronounce specific vocabulary correctly. Planning different types of scientific enquiries to answer questions, including recognising, and controlling variables where necessary. Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate.



<p>Air resistance - Air resistance is the force on an object moving through air. Air resistance affects how fast or slowly objects move through the air.</p> <p>Water resistance - Water resistance is the force on objects floating on or moving in water.</p> <p>Simple machines - Simple machines work by turning small forces into larger ones, allowing us to perform tasks with more strength or speed. Examples of simple machines are levers, gears, pulleys, wheels and screws.</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>
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PE - Gymnastics

Vocabulary	Skills
<p>Apparatus - equipment, such as horizontal bars, trampolines or the balls and ribbons used in rhythmic gymnastics</p> <p>Balance – the ability to keep your body steady and upright</p> <p>Handstand – a position with your hands on the ground while your body and legs are upright in the air</p> <p>Landing – the last part of a dismount when your feet hit the ground</p> <p>Twist - a movement in which part of the body, or the whole body, turns round</p>	<p>Uses turns whilst travelling in a variety of ways.</p> <p>Beginning to show flexibility in movements.</p>

RE - What does it mean to be a Muslim in Britain today?

Vocabulary	Skills
<p>Mecca/Makkah - a city in Saudi Arabia, which is the holiest city in Islam because the Prophet Mohammed was born there.</p> <p>Pilgrimage - a journey that someone makes to a place that is very important to them.</p> <p>Hajj – Muslim pilgrimage to Mecca/Makkah</p> <p>Zakah/Zakat – one of the Five Pillars of Islam – giving money to charity to help the poor and needy</p> <p>Hadith - words, actions and instructions of the Prophet Muhammad reported by the people around him during his life</p>	<p>Make connections between Muslim beliefs studied and Muslim ways of living in Britain/your region today</p> <p>Consider and weigh up the value of e.g. submission, obedience, generosity, self-control and worship in the lives of Muslims today and articulate responses on how far they are valuable to people who are not Muslims</p>



Art - Painting

Vocabulary	Skills
Landscape – everything you can see across an area of land Blended – mixing different things together Reflected – when you see its image repeated in something Focus – pay attention to something Vibrant - pulsating with vigour and energy.	Use sketchbooks to record observations and use them to review and revisit Create paintings inspired by landscapes, themes, music and poetry using acrylics and watercolours Create prints with three overlays Learn about a great painter

RSHE (Relationships Sex and Health Education), 1 Decision and No Outsiders

This half term the children will be using our 1 Decision programme and following the unit, World Without Judgement.

Home Learning

We would like the children to focus on reading and maths as part of their home learning this year. They should be reading as often as possible, but at least 3 times a week. This should be independent, shared with an adult or being read to by an adult. Usually, they will be reading their Accelerated Reader book, which they can then quiz on in school, but it may also be reading magazines, comics, instructions, or online items.

In maths the children will be expected to complete the online learning set by their teacher. This will be using the programme, Mathletics, which the children use regularly in class. This will be 2-3 activities per week. If you are having problems with any online learning, including access, please contact your child's teacher.