

Year 5 / Summer 1 Medium Term Plan

Week	Week 1	Week 2	Week 3	Week 4	Week 5
Reading	Distinguishing between statements of fact and opinion	Give/explain the meaning of words in context	Retrieve and record information/identify key details from fiction and non-fiction	Identify / explain how meaning is enhanced through choice of words and phrases	Predict what might happen from details stated and implied.
Writing	Non-Fiction Story To includes a build up, dilemma, suspense and a solution.	Non-Fiction Story To includes a build up, dilemma, suspense and a solution.	Play Scripts including formal and informal dialogue.	Play Scripts including formal and informal dialogue.	Play Scripts including formal and informal dialogue.
Grammar & Punctuation	Adverbs and adverbials of time.	Punctuation: Colon	Informal and formal language.	Direct and indirect speech	Punctuation - for parenthesis.
Spelling & H-writing	Handwriting: Ascenders and Descenders	Spelling: Plural nouns	Handwriting: Break Letters	Spelling: Special Focus - homophones and ther words that are often confused	Handwriting: Developing personal handwriting style.
Maths	<p>Geometry</p> <ul style="list-style-type: none"> Identify 3D shapes including cubes and other cuboids, from 2D representations Regular and Irregular polygons - reasoning about equal sides and angles Angles - estimate and compare acute, obtuse and reflex angles 	<p>Algebra</p> <ul style="list-style-type: none"> Use simple formulae Generate and describe number sequences Missing number problems algebraically Enumerate possibilities of combinations of two variables 	<p>Ratio</p> <ul style="list-style-type: none"> 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 Consolidate understanding of ratio when comparing quantities, sizes and scale drawings by solving a variety of problems 	<p>Measure and Converting units</p> <ul style="list-style-type: none"> Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; 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 Solve problems involving converting between units of time 	<p>Measure volume</p> <ul style="list-style-type: none"> Estimate volume [for example, using 1 cm³ blocks to build cuboids (including cubes)] and capacity [for example, using water] Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.
History					
Geography	Describe and understand key aspects of physical Geography of biomes around the world.	Label and draw the water cycle.	Look at London as a key historical trading location.Look at which products the UK imports and exports and the reasons behind this.	Use maps, atlases and globes to identify different climate zones of countries and cities around the world.	Identify the different rivers around the world.
Art & Design	<u>David Hockney</u>		<u>David Hockney</u>		<u>David Hockney</u>
	Introduce artist model, looking at Hockneys Yorkshire landscapes. Encouraging discussion about his style of painting compared to other		Students to take photos and upload them onto i-pad creating own picture.		Applying Hockney's abstract techniques, students to paint

Year 5 / Summer 1 Medium Term Plan

	artists studied in the past. Introduce terms abstract and figurative.	Explore mixing and matching, cropping, pulling pictures forward/backwards. Pictures to be printed to put in sketch books.			landscape, working collaboratively with group to then piece together one joint composition.
DT	Design and make parachutes to test air resistance Design: Design parachutes of different size or different materials for experiment.	Design and make parachutes to test air resistance MAKE: Build parachutes of different size or different materials for experiment	Create a rocket and rocket launch pad for rocket Design: Design rockets by looking at rocket videos and showing Bottle kit available.	Create a rocket and rocket launch pad for rocket MAKE: Create a rocket and rocket launch pad for rocket	
Music	External Music Lessons: Flute	External Music Lessons: Flute	External Music Lessons: Flute	External Music Lessons: Flute	External Music Lessons: Flute
PSHE	I have an accurate picture of who I am as a person in terms of my characteristics and personal qualities.	I can recognise how friendships change, know how to make new friends and how to manage when I fall out with my friends.	I understand how it feels to be attracted to someone and what having a boyfriend/girlfriend might mean.	I understand how to stay safe when using technology to communicate with my friends.	I understand how to stay safe when using technology to communicate with my friends.
RE	Thankfulness Can we appreciate working with others?	Thankfulness What messages can we learn from stories? How can we find meaning and links between stories?	Thankfulness What question do we want to think and discuss around the theme of thankfulness	Thankfulness What do different religions teach about thankfulness?	Thankfulness What do we want to say about thankfulness?
Computing	<u>Programming - Scratch</u> I can control my sprite using the 'when' tag	<u>Programming - Scratch</u> I can change the background and use the 'if' tag	<u>Programming - Scratch</u> I can use the go to tab	<u>Programming - Scratch</u> I can have more than one sprite	<u>Programming - Scratch</u> I can create my own game
Science	<u>Forces</u> <u>Investigation: Friction</u> Children to test the friction of a range of different materials to see how long it takes a wheel to stop. Children to hypothesise about which material they think will slow the tyre the quickest and use scientific reasoning as to why.	<u>Forces</u> <u>Investigation: Gravity</u> Children to use a range of familiar objects and to measure them using a force metre to test how many newtons each object takes and to predict how quickly each object will fall.	<u>Properties and changes of materials</u> I can 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	<u>Properties and changes of materials</u> I know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution	<u>Properties and changes of materials</u> I can use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
PE	Athletics Throwing event: Javelin - how to throw the javelin, using application of physical ability (speed, power, and rhythm)	Athletics Throwing Event: Shot Put - how to throw a shot put using the explosive strength release method. (pushing not throwing)	Athletics Track: 50M sprint times trials and racing against each other in groups (mixed ability)	Athletics Track 400M middle distance running times trials and racing against each other in groups (mixed ability)	Athletics Track 600M middle distance running times trials and racing against each other in groups (mixed ability)