

## Portswood Primary School- Year 4 Curriculum Map – 2018 -2019

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>English</b>	<p><b>History focus – Invaders and Settlers</b></p> <p>Skills week – using ‘Aesop Fables– focusing on sentences expressing time, place and cause. Year 4 writing Non negotiables</p> <p>Historical settings – The Goose Guards by Terry Deary including diary writing, story writing and play scripts</p>	<p><b>History focus – Invaders and Settlers</b></p> <p><b>Novel study - Oliver and the Seawigs by Philip Reeve and Sarah McIntyre</b></p> <p>Recount- Based on Butser Hill Trip.</p> <p>Oliver and the Seawigs by Philip Reeve and Sarah McIntyre- narrative fictional writing</p> <p>Explanation texts – exploring the structure and language features of explanation texts. Plan and write an explanation text.</p> <p>Poetry – Family poems. Understand poetry structure and techniques, perform poems, consider a personal response.</p>	<p><b>Geography focus – Antarctic adventures</b></p> <p><b>Novel study – Varjack Paw by SF Said</b></p> <p>Skills week – using ‘Aesop Fables– focusing on fronted adverbials and pronouns and nouns..</p> <p>Narrative – Adventure stories – Varjak Paw by SF Said. Understanding characters and writing character sketches. Exploring word choices and authorial intent. Planning and writing own adventure story.</p> <p>Poetry – Range of poems about journeys – focusing on the different forms of poetry including Haiku, Kenning, presenting these orally and having a personal response. Writing own poems.</p>	<p><b>Geography focus – Antarctic adventures</b></p> <p>Skills week – using – ‘The Wolf and the Crane – focusing on paragraphs.</p> <p>Narrative – diaries, letters and setting descriptions using Antarctica by Helen Cowcher and Captain Scott: Journey to the South Pole. Planning and writing a diary in role as Scott.</p> <p>Non chronological reports – understanding structure, writing a report about Antarctica.</p> <p>Persuasive Writing – reading and writing a persuasive text linked to Antarctica.</p>	<p><b>Geography focus – Rivers</b></p> <p>Skills week – ‘The Jackdaw and the pigeons – focusing on apostrophes, plurals.</p> <p>Narrative – stories from other cultures – Fly eagle Fly by Desmond Tutu, Chri Gregorowski and Niki Daly. Reading and understanding the text. Writing in the style of, reviewing and editing.</p> <p>Non chronological reports – Rivers. Plan, write and review reports.</p> <p>Explanation – Features of explanation texts and using to write about the ear/rivers.</p>	<p><b>Geography focus – Rivers</b></p> <p><b>Novel study– The Explorer by Katherine Rundell</b></p> <p>Skills week – ‘The Fox and the Stork – focusing on extending sentences, using conjunctions.</p> <p>The Explorer – character study, letter/diary writing, planning, writing and drafting own story</p>
<b>Phonics and Reading Scheme</b>	<p>Letters and Sounds</p> <p>Bug Club, Oxford Reading Tree (Biff and Chip and Project X), Rigby Star, Collins Big Cat.</p>	<p>Letters and Sounds</p> <p>Bug Club, Oxford Reading Tree (Biff and Chip and Project X), Rigby Star, Collins Big Cat.</p>	<p>Letters and Sounds</p> <p>Bug Club, Oxford Reading Tree (Biff and Chip and Project X), Rigby Star, Collins Big Cat.</p>	<p>Letters and Sounds</p> <p>Bug Club, Oxford Reading Tree (Biff and Chip and Project X), Rigby Star, Collins Big Cat.</p>	<p>Letters and Sounds</p> <p>Bug Club, Oxford Reading Tree (Biff and Chip and Project X), Rigby Star, Collins Big Cat.</p>	<p>Letters and Sounds</p> <p>Bug Club, Oxford Reading Tree (Biff and Chip and Project X), Rigby Star, Collins Big Cat.</p>
<b>Maths</b>	<p><b>Number – Addition and Subtraction</b></p> <p>ThHTO (What each digit represents) / Represent numbers.</p> <p>Find 1000 more or less than any given number</p> <p>Problems solving/investigation on place value including large positive numbers</p> <p><b>Number – Addition</b></p> <p>Add numbers mentally including up to 4 digits</p>	<p><b>Number – Addition and Subtraction</b></p> <p>Addition of numbers with up to 4 digits using formal written methods</p> <p>Subtraction of numbers with up to 4 digits using formal written methods -Solve a mixture of 2 step word problems in context, deciding which operations and methods to use and why</p> <p>Problems solving/investigation on addition and/or subtraction.</p>	<p><b>Number: Number &amp; Place Value</b></p> <p>-Find 1000 more or less than a given number</p> <p>-Count backwards through zero to include negative numbers</p> <p>Read Roman numerals to 100 and know that over time the numeral system changed to include the concept of zero and place value</p> <p><b>Number -x and Division</b></p>	<p><b>Number: + - X ÷</b></p> <p>-Recognise and use factor pairs and commutativity in calculations</p> <p>-Correspondence problems such as n objects are connected to m objects</p> <p>-AFL any needs regarding the four number operations</p> <p>Carry out reasoning activities with the four operations</p> <p><b>Measurement: Money</b></p>	<p><b>AFL driven – possible units include</b></p> <p>Number - Number and Place value:</p> <p>Number – Division</p> <p>Number- Fractions including decimals</p> <p>Measurement: Money</p> <p>Statistics</p>	<p><b>AFL driven – possible units include</b></p> <p>Measurement: Area &amp; Perimeter</p> <p>Number - Multiplication and Division - Scaling</p> <p>Measurement: Time</p> <p>Measurement: Length, Mass and Capacity</p> <p>Geometry: Position and Direction</p>

	<p>Add numbers with up to 4 digits using formal written methods</p> <p>Solve addition 2 step word problems in context, deciding which operations and methods to use and why. Problems solving/investigation on addition</p> <p><b>Number – Subtraction</b> Subtract numbers mentally including up to ThHTO + ThHTO</p> <p>Subtract numbers with up to 4 digits using formal written methods</p> <p>Solve subtraction 2 step word problems in context, deciding which operations and methods to use and why</p> <p>Problems solving/investigation on subtraction</p> <p><b>Geometry – Properties of shapes</b></p> <ul style="list-style-type: none"> <li>-Compare and classify geometric shapes, including quadrilaterals and triangles based on their properties and sizes.</li> <li>-Identify acute and obtuse angles and compare and order angles up to 2 right angles by size.</li> <li>-Problems solving/investigation on properties of shape</li> </ul> <p><b>Geometry – Properties of shapes: Symmetry</b></p> <ul style="list-style-type: none"> <li>-Identify lines of symmetry in 2D shapes presented in different orientations.</li> <li>-Complete a simple symmetric figure with respect to a specific line of symmetry.</li> <li>- Problems solving/investigation on symmetry</li> </ul>	<p><b>Number – Multiplication</b> <i>4, 8 and 6 times tables</i></p> <p>Use place value, known and derived facts to multiply mentally,</p> <ul style="list-style-type: none"> <li>-Multiply two and three digits numbers by a 1 digit number using formal written methods</li> <li>-Solve word problems involving multiplying and adding</li> </ul> <p><b>Number – Division</b> <i>4, 8 and 6 division facts</i></p> <ul style="list-style-type: none"> <li>-Use place value, known and derived facts to divide mentally, including: dividing by 1</li> <li>-Divide two and three digits numbers by a 1 digit number using formal written methods</li> <li>-Solve problems involving division.</li> <li>-Problems solving/investigation on division</li> </ul> <p><b>Number- Fractions</b></p> <ul style="list-style-type: none"> <li>-Fractions of shape as an <i>introduction to fractions</i></li> <li>-Recognise, find and write fractions of a discrete set of objects with small denominators</li> <li>-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.</li> <li>-Adding and subtracting fractions with the same denominator.</li> <li>-Recognise and show, using diagrams, families of common equivalent fractions</li> <li>-Fraction Wall</li> <li>-Recognise and write decimal equivalents to <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math>, <math>\frac{3}{4}</math></li> <li>-Round decimals with one decimal place to the nearest whole number.</li> </ul> <p><b>Measurement</b></p>	<ul style="list-style-type: none"> <li>-Recall multiplication and division facts up to 12 x12</li> <li>-Use place value, known and derived facts to multiply and divide mentally, including multiplying by 1 and 0; dividing by 1; multiplying together three numbers.</li> <li>-Multiply two digit and three digit numbers by a one digit number using formal written layout.</li> </ul> <p>Use short division with exact answers when dividing by a one digit number.</p> <p><b>Measurement: Area &amp; Perimeter and Number: Multiplication &amp; Division</b></p> <ul style="list-style-type: none"> <li>-Measure and calculate the perimeter of a rectilinear figure (including squares) in cm and m</li> <li>-Find the area of rectilinear shapes by counting squares</li> </ul> <p><b>Number: Fractions including decimals –</b></p> <ul style="list-style-type: none"> <li>-Count up and down in hundredths</li> <li>-Recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten</li> <li>-Recognise and write decimal equivalents of any number of tenths or hundredths; Recognise and write decimal equivalents <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math>, <math>\frac{3}{4}</math></li> <li>-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.</li> <li>-Round decimals with one decimal place to the nearest whole number</li> <li>-Compare numbers with the same number of decimal places up to two decimal places</li> <li>-Solve simple measure and money problems involving</li> </ul>	<ul style="list-style-type: none"> <li>-Understanding place value and decimal notation</li> <li>-Estimate money in pounds and pence</li> <li>-Compare money in pounds and pence</li> <li>-Calculate money in pound and pence</li> <li>-Add and subtract amounts of money to give change, using both £ and p in practical contexts</li> </ul> <p>Solve simple money problems involving fractions and decimals to two decimal places</p> <p><b>Measurement: Time</b></p> <ul style="list-style-type: none"> <li>-Read, write and convert time between analogue and digital 12- and 24-hour clocks</li> <li>-Convert between different units of measure – hour to minute</li> </ul> <p>Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days</p> <p><b>Geometry: Properties of Shape –</b></p> <ul style="list-style-type: none"> <li>-Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes</li> <li>-Identify acute and obtuse angles and compare and order angles up to two right angles by size</li> <li>-Identify lines of symmetry in 2-D shapes presented in different orientations</li> <li>-Complete a simple symmetric figure with respect to a specific line of symmetry.</li> </ul> <p>Reasoning activities regarding shape.</p> <p><b>Measurement: Length, Mass and Capacity</b></p> <ul style="list-style-type: none"> <li>-Convert between different units of measure for</li> </ul>		<p>AFL - Four operations</p>
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<b>Science</b>	<p>Living things and their habitats</p> <p>Bird nest project</p>	<p>Living things and their habitats</p> <p>Bird nest project</p> <p>Electricity</p>	<p>Living things and their habitats</p> <p>Bird nest project</p> <p>Sound</p>	<p>Living things and their habitats</p> <p>Bird nest project</p> <p>Sound</p>	<p>Living things and their habitats</p> <p>Bird nest project</p> <p>States of matter</p>	<p>Living things and their habitats</p> <p>Bird nest project</p> <p>Animals , including humans</p>
<b>Computing</b>	<p>E safety</p> <p>The editor/ Word</p>	<p>Word/Publisher</p>	<p>Super logo – programming</p>	<p>Super logo</p> <p>Scratch Programming</p>	<p>Spreadsheets – graphs</p>	<p>Collage</p>
<b>History</b>	<p>Invasion and Settling in Britain</p>	<p>Invasion and Settling in Britain</p>				
<b>Geography</b>			<p>Fragile Earth Antarctica – global picture</p> <p>Digital/computer Mapping</p> <p>Environmental regions – climate zones/biomes</p> <p>Latitude/longitude</p>	<p>Fragile Earth Antarctica – global picture</p> <p>Digital/computer Mapping</p> <p>Environmental regions – climate zones/biomes</p> <p>Latitude/longitude</p>	<p>Rivers - South America Region and UK rivers and counties</p> <p>Digital/computer Mapping</p> <p>Environmental regions – climate zones/biomes</p> <p>Latitude/longitude</p>	<p>Rivers - South America Region and UK rivers and counties</p> <p>Digital/computer Mapping</p> <p>Environmental regions – climate zones/biomes</p> <p>Latitude/longitude</p>
<b>Art</b>	<p>Printing</p> <p>Klimt design – Roman Mosaic</p>	<p>3D Sculpture</p> <p>Giacometti sculptures</p>	<p>Painting</p> <p>Aboriginal Art – Secret Journey</p>	<p>Textiles and textile designers – Purses and wallets</p>	<p>Drawing</p>	<p>Collage</p>
<b>DT</b>		<p>Torches</p>		<p>Purses and Wallets</p>		<p>Pop up books</p>
<b>RE</b>	<p><b>God</b></p> <p>Hindu Gods</p>	<p><b>Holy</b></p> <p>Madonna and Child</p>	<p><b>Miracles</b></p> <p>Miracles Jesus performed</p>	<p><b>Sacrifice</b></p> <p>Images of Jesus</p>	<p><b>Ritual</b></p> <p>Hinduism Arti ceremony</p>	<p><b>Symbol</b></p> <p>Trees</p>

<b>PSHE</b>	Looking forward	Families	Drug awareness and assertiveness	Friendships	How we learn - Dweck	Understanding behaviour - change
<b>PE and Games</b>	Tennis Team Games	Hockey Country Dancing	Football Antarctic Dance	Netball Gymnastics	Volleyball Swimming	Athletics Swimming
<b>Music</b>	Romans - beat In 2 music	Chicka Hanka In 2 music	Rap In 2 music	Composition - Antarctica In 2 music	Rivers – composing and performing In 2 music	World songs In 2 music
<b>MFL French</b>	Revision greetings, numbers, colours. Asking questions. Masculine animals	Feminine animals Building sentences, rules for agreement Joyeux Noel	Months Revision making a sentence New sentence starters	Questions and answers. Qui?	Clothes, counting, French towns, questions & answers	What is the date? Happy birthday Word classes, dictionary skills