

**South Bersted C of E Primary – Year 4 Long Term Plan (2017 – 2018)**



	Autumn		Spring		Summer	
Creative Topic	<i>Sands of Time</i>	<i>Terrible Tudors</i>	<i>Pole to Pole</i>	<i>Dragon Slayers</i>	<i>Extreme Earth</i>	<i>Bognor Regis – Then and Now</i>
<b>English Genres</b>	Diary Instructions Narrative Poetry Explanations  <b>Texts:</b> You Wouldn't Want to be an Egyptian Pyramid Builder I am the Mummy Heb-Nefert	Newspapers Informal letter writing Description Information Page Recount  <b>Texts:</b> Horrible Histories: Terrible Tudors	Persuasive letter Diary Poetry Information Text  <b>Texts:</b> Ice Trap Shackleton Journey You Wouldn't Want to be a Polar Explorer Tom Crean's Rabbit	Information Text Narrative Persuasive Writing  <b>Texts:</b> How to Train Your Dragon	Narrative Information Page Mountains genre  <b>Texts:</b> Pebble in my Pocket Mountains non-fiction texts	Narrative Persuasive Writing Non-chronological texts  <b>Texts:</b> Stig of the Dump
<b>Spellings</b>	Main focus is on the Year 3 and 4 word list from the National Curriculum. Words ending in ure.		Suffixes: ous, tion, ssion and cian. Words with the k sound spelt ch Words with the g sound spelt gue Words with the k sound spelt que		Words with the s sound spelt sc Words with the ei sound spelt eigh and ey Focus on possessive apostrophes with plurals Homophones and near homophones Mathematical vocabulary	
<b>Maths Links</b>	Find number bonds to 100. Read, write, order and compare four digit numbers. Calculate fractions of amounts. Tell and write the time to the nearest minute. Add and subtract three digit numbers using written methods. Identify tenths.	Double and half three digit numbers. Identify the relationship between fractions and decimals. Convert multiples of 100g to kg. Read a range of scales. Round four digit numbers to the nearest 10, 100 and 1,000. Use the grid method to multiply three digit numbers by a single digit.	Pupils will apply their understanding of place value. Add and subtract 3 digit numbers, exchanging where appropriate. Develop mental methods. Identify and compare acute, right and obtuse angles. Identify lines of symmetry in 2D shapes. Divide two and three digit numbers by a single digit. Identify factor pairs.	Read, write, order and compare decimals. Round decimals to the nearest whole number. Add and subtract amounts of money including calculating change. Tell the time on a 24 hour clock and convert between 12 and 24 hour times. Measure and calculate the perimeter of rectilinear shapes.	Read, write and compare 4 digit numbers. Calculate 1,000 more or less than a given number. Read use and compare negative numbers. Multiply and divide whole numbers and decimals by 10 and 100. Recognise and read Roman numerals up to 100. Name and classify 2D shapes based on their properties including regular and irregular. Pupils classify quadrilaterals and triangles.	Derive factors of 2 digit numbers up to 100. Use factors and doubling to solve a range of problems. Use co-ordinates to draw polygons and find the missing points. Draw and interpret a range of diagrams including pictograms and bar charts. Solve a range of monetary problems linked to the four rules. Revise division, which gives remainders.
<b>Science</b>	<b>Animals including humans</b> Pupils will describe the simple functions of the digestive system. Pupils will name and identify the functions of human teeth.	<b>Living things and their habitats</b> Pupils will learn how animals can be grouped in different ways and will begin to use classification keys. Pupils will also learn that environments can change and this can cause dangers to animals.	<b>States of Matter</b> Pupils will classify and group materials based on whether they are solids, liquids or gasses. Pupils will investigate how materials change when they are heated or cooled. Pupils will also identify the role played by evaporation in the water cycle.	<b>Sound</b> Pupils will identify how sounds are made. They will explore how sounds enter the ear. In addition to this, pupils will investigate patterns between the pitch of a sound.	<b>Electricity</b> Pupils will identify common appliances that run on electricity. In constructing a range of circuits, pupils will investigate conductors and insulators.	

<b>Computing</b>	Pupils will learn how to use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact	During the Autumn term, pupils will develop their word processing skills. Pupils open and save in the correct folder. In addition to this, pupils will insert images and manipulate images and text boxes.	Pupils will design, write and debug programs that accomplish specific goals, including controlling or simulating visual systems using Scratch. Pupils will also break problems into smaller steps. In doing this, pupils will create their own computer game related to their Exploring Everest topic.  In addition to this, pupils will use the Learn Pads to create their own stop frame animation of the sinking of the Endurance.		Pupils will recognise how computer networks including the internet provide multiple services, such as the world-wide web; and the opportunities they offer for communication and collaboration	Pupils will continue to develop their word processing skills by creating their own presentation related to their residential to Stedham. Pupils will then present their work to their parents on returning from the residential.
<b>History</b>	Pupils will learn about the achievements of one of the earliest civilizations: the Ancient Egyptians. Pupils will explore the ancient wonders of the world: the pyramids, and learn about the significance of the River Nile.	During pupils' study of the Tudors, they will look at the changing of monarchs and the changes of crime and punishment. In addition to this, pupils will also learn about the sinking of the Mary Rose and what we can learn from looking at a range of primary and secondary sources.	This half term is a geography focus.	Pupils will learn about the invasion of Lindisfarne. In addition to this, pupils will learn about the resistance of Alfred the Great and the key battles.		Pupils will research the changes in Bognor Regis over the past 100 years, with a key focus on Hotham Park and the pier.
<b>Geography</b>	Pupils will focus on human geography; learning about the significance of the Rive Nile. Pupils will continue to build on their knowledge of countries, continents and oceans.	This half term is a history focus.	Pupils will deepen their understanding of the world's continents and oceans. In addition to this, pupils will use an atlas and co-ordinates to locate countries and seas as well as plotting Ernest Shackleton's route to the Antarctic.	Pupils will learn about the origin of the Vikings and the different routes that the Vikings chose when invading England.	Pupils will learn about the Earth's core and how the shifting of tectonic plates can cause earth quakes, tsunamis and the formation of volcanoes. In deepening their understanding of the world, pupils will be able to identify the 'ring of fire.' Pupils will be able to discuss the benefits and consequences of farming on a volcano and the precautions that have been put in place since the Indian Ocean's earthquake in 2004.	Pupils will use fieldwork to observe, measure and record the human and physical features in both Bognor Regis and Brighton.
<b>RE</b>	What is it like to follow God? What is the trinity?		How do Muslims and Jewish people show their faith?  What are the important times for Jewish and Muslim families?		When Jesus left what was the impact of the Pentecost?	
<b>Art</b>	Pupils will sketch and design their own Egyptian amulet and then make it using clay.	Pupils will study a range of Tudor portraits and create their own portrait to present to the king during their Tudor banquet.	Create a printing block for a snow flake.	DT focus this half term.	Use pencil and charcoal in different ways to draw billowing ash and smoke.	DT focus this half term.
<b>DT</b>	Using mod-roc pupils will create a whole class model of the River Nile. In addition to this, pupils will create their own Shaduf to collect water from the River Nile.	Art focus this half term.	In preparation for the expedition pupils will design, create and evaluate their own polar glove to help them survive the harsh conditions of the Antarctic.	Based on the narrative, The Dragon slayer, pupils will design, create and evaluate their own Viking helmet.	Using papier-mâché, pupils will create their own volcanoes in preparation for their eruption.	Pupils will plan, create and evaluate their own fair ground ride that could be built on the end of Bognor Regis' pier. Pupils will use an electrical motor to create a pulley system for their ride.
<b>Music</b>	Pupils will begin their drumming lessons.	During drumming lessons, pupils will learn to play and perform in solo and ensemble contexts.	Pupils will explore and play a range of rhymes using African drums.		In drumming, pupils will recall and perform rhymes with increasing aural memory.  Pupils will also perform during the class collective worship.	

<b>PE</b>	Gym Invasion Games - Hockey		Dance Handball		Athletics Net and wall - Tennis	
<b>PSHCE</b>	Rules SEAL: New Beginnings	Getting on and falling out	Going for goals	Good to be me	Relationships	Changes
<b>Trips and Visitors</b>	Pupils will be visited by Howard Carter in preparation for their journey to discover King Tut's tomb.	Pupils will visit Portsmouth's Historic Dockyard and visit the Mary Rose exhibition.	Pupils will be visited by a local explorer who will discuss the equipment and hard work needed on an expedition.			Pupils will visit Bognor Regis' museum and compare Bognor's sea side by visiting Brighton and looking at its latest tourist attraction: The i360.  Residential trip.