Year Four: Curriculum map 2015-16

Subject	Autumn 1st half	Autumn 2nd half	Spring 1st half	Spring 2nd half	Summer 1st half	Summer 2nd half
English	*Christophe's Story*: Character descriptions, role play, questioning, letters, personal recounts and oral storytelling. *Just So Stories*: narrative, non-fiction writing animal fact files, author research.	*Myths and Legends: Robin Hood* *Spiderwick Chronicles*: setting descriptions, character description, stories set in imaginary worlds, newspaper reports, recounts.	*Until I met Dudley* *How to catch a star* *Cracking contraptions*: Instruction writing, explanation texts	*Poetry: Grace Nicholls and James Carter* Exploring for and creating images *The Tempest (Shakespeare week)* Drama and play scripts	*Coraline* Descriptive writing, narrative, adverts, Seaside week	'*Cinderella' (Brothers' Grimm)* *'The Egyptian Cinderella'* *'Cinderella was so annoying'* News reports, non-chronological reports,
Maths	**Number Sense** Count in multiples of 1000, find 1000 more or less than a number. Recognise place value in 4 digit numbers. Compare, order and write numbers beyond 1000. Round numbers to the nearest 10, 100 or 1000. Solve number problems. **Additive Reasoning** Add & subtract numbers with up to 4 digits using column addition and subtraction. Estimate & use inverse operations to check answers. Solve 2 step problems choosing which operations to	**Multiplicative Reasoning** Recall multiplication & division facts for times tables to 12 x 12 Apply understanding of place value to multiply & divide mentally. Recognise & use factor pairs to calculate mentally. Solve problems including multiplying 2 digit numbers by a single digit. **Geometric Reasoning** Compare & classify quadrilaterals & triangles. Identify acute & obtuse angles. Identify lines of symmetry in 2D shapes. **Number Sense**	**Additive Reasoning** Revisit and consolidate previous learning. Extend by applying in a range of contexts. Solve increasingly complex problems. **Number Sense** Count up and down in hundredths. Recognise common equivalent fractions. Add & subtract fractions with the same denominator. Recognise and write decimal equivalents, round decimals, understand the effect of dividing by 10 & 100, compare decimals with the same number of	**Multiplicative Reasoning** Continue to develop recall of multiplication and division facts for the 3, 4 & 8 times tables. Use known facts to solve problems in a range of contexts. Solve problems with increasingly harder fractions. Solve time problems involving time & converting between units. **Geometric Reasoning** Use co-ordinates in the first quadrant. Describe movements between positions as translations. Plot points and draw sides	**Number Sense** Revisit and consolidate previous learning. Extend by applying in a range of contexts. Read, write & convert tie between analogue & digital 12 hr & 24hr clocks. **Additive Reasoning** Revisit and consolidate previous learning. Extend by applying in a range of contexts.	**Number Sense** Revisit and consolidate previous learning. Extend by applying in a range of contexts. Convert between different units of measure**.** **Multiplicative Reasoning** Continue to develop recall of multiplication & division facts. Multiply 2 digit & 3 digit by a 1 digit number using formal methods. **Geometric Reasoning** Complete a symmetric figure with respect to a specific line of symmetry. Measure and calculate the perimeter of

	use. Estimate compare & calculate different measures including money. Interpret and solve problems where information is presented in graphs & charts.	Revisit and consolidate previous learning. Extend by applying in a range of contexts. Count forwards & backwards through 0 to include negative numbers.	decimal places.	to complete a polygon		rectangular figure. Find the area of rectangular figure by counting squares.
IPC unit	**Do you live around here?**	**Land, Sea & Sky**	**Shake it!**	**Turn it up**	**Feel the Force**	**Temples, tombs and treasures**
Science	Enquiry skills, carrying out experiments, recording results and drawing conclusions. About different habitats within the school grounds How to investigate a local habitat About pond life and how it has adapted How to sort animals into groups Who eats who – food chains and food webs Seasonal changes to habitats and migration	Enquiry skills, carrying out experiments, recording results and drawing conclusions. How water plants are different from other plants How fish have adapted to living in water How birds are adapted to flying How to create a classification key to group animals About food chains in different world habitats About the life cycles of plants and animals	Enquiry skills, carrying out experiments, recording results and drawing conclusions. How we can change milk into a solid What happens when butter is heated About the behaviour of gases in liquids Which solids will dissolve in a liquid About the science of making milkshakes	Enquiry skills, carrying out experiments, recording results and drawing conclusions. How sounds are made How to change sounds How sounds travel to the ear About the volume of sounds About sound and noise Where light comes from How shadows are formed	Enquiry skills, carrying out experiments, recording results and drawing conclusions. What forces are and where they come from What friction is and how we use friction How we can reduce or increase friction How to measure the strength of a force How to make a force meter	
History/ Geography	**Geography** About homes around the world About the ways in which different people live their lives About homes in our	**Geography** Looking at the physical and climatic features that enable different habitats to develop around the world. Compare the				**History** Finding out about the importance of rivers to ancient civilisations Finding out about the daily life of Ancient Egyptians

	home countries and host country Whether homes in the local area have changed	geographical similarities and differences between our local area and other regions in Europe and the world, including physical features, types of settlement and land use.				Learning how to write using Egyptian hieroglyphics Finding out about the different rulers of Egypt Finding out about Ancient Egyptian religion and burials Exploring how the pyramids were built Finding out about the discovery of Tutankhamun's tomb Using sources to find out about Ancient Sumer Comparing life in Ancient Sumer with life in Ancient Egypt
Art/Design Technology (DT)	**Art** About prehistoric cave paintings How to make paints from natural materials About folk art such as sand painting About artists who are inspired by the local habitat **DT** How to design a comfortable shelter How to make mud bricks	**Art** Pattern and mark making- patterns in the natural world. Observational drawing, mixed media work, making prints.	**DT** Designing a hand whisk	**DT** Designing panpipes	**DT** Designing and making a marble run	**Art** Creating our own tomb wall painting Making an Ancient Egyptian headdress

	How to make a shelter from straw How to design a house using local materials					
Music	Music Express					
ICT	E-Safety	We are Meteorologists	Computing (programming)	We are musicians!	Computing (programming)	We are historians!
RE	Traditions		Founders and Prophets		Community	
PE	Pathways & flight, Football, Basketball		Dance unit 4, Badminton, OAA 3		Athletics, Cricket, swimming	
French	Greetings, French names and Classroom instructions, Numbers 1 – 12, Days and months, Christmas		Colours, Personal information (about names, age and where they live), Numbers to 31, Classroom objects		Animals, Parts of the body, Fruit Birthdays (also revising numbers and months)	
PSCHE Learning about values	Pride Friendship	Generosity Contentment	Honesty Love	Tolerance	Perseverance Self-belief	Creativity Individuality