

Year 5 – Spring 2		
Science Crucial Knowledge		
Living Things and Their Habitats	<ul style="list-style-type: none">Life cycles are the different stages that take place for a mammal, an amphibian, an insect and a bird to become an adult.Butterflies go through metamorphosis to become an adult.Amphibians such as frogs are laid in eggs, then once hatched go through changes before becoming an adult.Birds are hatched from eggs; they are looked after by their parents until they can live independently	
History Crucial Knowledge		
The Anglo-Saxons	<ul style="list-style-type: none">The Anglo-Saxons were tribes who came from Germany, Denmark and the Netherlands.They invaded Britain after the Romans left. They first arrived in England in 449AD.The Anglo-Saxons were in Britain around 1600 years ago.The Anglo-Saxons came to England looking for land to farm because their homeland had flooded.The Anglo-Saxons came to England by ships from their homelands.The Anglo-Saxons lived in wooden houses with roofs made of straw called thatch.The Anglo-Saxons brought a new type of language to Britain, many words we still use today such as evil, ham, rain and Stoke.	
Design Technology Crucial Knowledge		
Structures Frame structures	<ul style="list-style-type: none">A frame is made by joining rigid pieces of material together like wood or metalThe material can be joined using glueGluings triangles in the corner of the frame makes the frame stronger	
Computing Crucial Knowledge		
Programming – Selection in Physical Computing	<ul style="list-style-type: none">Programming is when you give an algorithm to a digital device so it can complete its action.An algorithm is a precise set of ordered instructions which can be turned into codeCoding is how we communicate with computers. Code tells a computer what actions to take.Bug: A mistake in the code.Selection: A decision or a questionRepetition – A repeat in code, repeating a sequence of instructions a certain number of times.Input: Data provided to a computer system, such as via a keyboard, mouse, or physical sensors.Outputs The information produced by a computer system for its user: speakers, lights. <p>Vocabulary microcontroller, USB, components, connection, infinite loop, output component, motor, repetition, count-controlled loop, Crumble controller, switch, LED, Sparkle, crocodile clips, connect, battery box, program, condition, Input, output, selection, action, debug, circuit, power, cell, buzzer</p>	
Music Crucial Knowledge		
	Musical Learning	Key Musical Vocabulary
Three Little Birds	<ul style="list-style-type: none">Sing the verse in unison and the chorus in three parts.Know what a triad is and how to play one.Play the chords D and G major.Follow a score of the chorus.Play a melodic riff by ear.Organise and rehearse for a performance.Demonstrate knowledge and understanding of the origins, history, and social context of Reggae music.	<ul style="list-style-type: none">Duration: offbeat, 4-beats per bar.Pitch: chord, triad, D major, G major, melody, riff, bassline.Structure: repeating riff, verse, chorus, chord pattern.Timbre: electric guitar, bass guitar, drum kit, keyboard.Texture: melody/chords, bassline, riff.Other: Reggae, playing by ear, playing from a score.

Physical Education Crucial Knowledge			
Cricket	<ul style="list-style-type: none">Competitive sports are games where the aim of the games is to winThrow is to push an object by hand with a sudden forward motion ending with straightening the arm and wrist.Catching is the use the hands to stop and hold a moving object.Eyes on the object, Finger tips together (two handed catch)Striking is when you hit a ball with a bat or racket.		
Swimming	<ul style="list-style-type: none">Swimming means to move through the water without touching the floor or side.Flexibility is the range of movement through body joints.Strength is a measure of power.Technique is a way of carrying out a particular task.Movement is when changing position, posture or place.A pattern is when a movement or action is repeated.		
Religious Education Crucial Knowledge			
Easter	<ul style="list-style-type: none">Easter is the most important part of the Christian calendar, and it remembers Jesus’ death and resurrection.Holy Week - the week before Easter, starting on Palm Sunday.Palm Sunday – the Sunday before Easter, celebrates Jesus’ entry into Jerusalem.Maundy Thursday marks the night of the Last Supper (the last night of Jesus’ freedom with his disciples).Good Friday – Christians remember the crucifixion of Jesus and his death on the cross.Easter Sunday – is the celebration of Jesus’ resurrection.		
Personal, Social Health & Economic Education Crucial Knowledge			
What decisions can people make about money?	<ul style="list-style-type: none">Adults need to spend their money on essential things such as: home, food, energy, clothes.Some things are not essential such as: toys, games, sweets.You need money to buy something.You can get money by working, saving, borrowing or if someone gives you money.If you can’t afford to pay for something you have bought, it will get taken back by the person or company you bought it from. This could be your house.Protect your money from online fraud and phishing scams by keeping personal data safe.		
Spanish Crucial Knowledge			
English	Spanish	English	Spanish
What are you like?	¿Cómo eres?	I have hair.	Tengo el pelo...
I am..	Soy...	brown	castaño
tall	alto (m) alta (f)	dark brown	moreno
short	bajo (m) baja (f)	black	negro
strong	fuerte	blonde	rubio
kind	amable	red	pelirrojo
chatty	hablador (m) habladora (f)	I have... eyes.	Tengo los ojos...
funny	divertido (m) divertida (f)	blue	azules
shy	tímido (m) tímido (f)	brown	marrónes
Days of the Week	lunes, martes, miércoles, Jueves, viernes, sábado, domingo.	black	negros
Numbers 1-10	uno, dos, tres, cuatro, cinco, seis, siete, ocho, nueve, diez,		
Numbers 11-20	once, doce, trece, catorce, quince, dieciséis, diecisiete, dieciocho, diecinueve, veinte		