

Year 5 -Summer 1		
Science Crucial Knowledge		
Materials - Changes	<ul style="list-style-type: none">Sieving is where small and large materials can be separated by allowing the smaller ones to fall through the holes in the sieve.Filtering is where the solid particles get caught in the filter, but the liquid moves through it.Solubility is where something can be dissolved in water.Evaporating is where the liquid changes into a gas leaving the solid part behind.Some changes are reversible – meaning they can go back again such as ice and water.Some changes are irreversible because they form a new material – for example burning wood produces a new substance ash.	
Geography Crucial Knowledge		
This is Our Earth Settlements & land use etc.	<ul style="list-style-type: none">A place where people live is called a settlement.Types of settlement are hamlet, village, town, city, market town, port.A rural area is a settlement in the countryside with few buildings, and an urban area is a settlement with lots of buildings, facilities and transport links.Land can be used in many ways such as residential, agricultural, recreational, transportation, commercial.Trading is when countries buy or sell goods or services.Imports are goods purchased from another country and brought in. Exports are goods or services made in a country and then sold to another.Fair trade is a way of buying and selling products that allows farmers to be paid fairly for their produce and have better working conditions.	
Art & Design Crucial Knowledge		
Sculpture	<ul style="list-style-type: none">Carving means to use tools to scrape away parts of the clay.‘Coiling’ clay means to spiral the clay in an upward motion to form a shape.‘Relief’ in clay is when a part is raised but still attached.	
Computing Crucial Knowledge		
Creating Media – Vector Drawing	<ul style="list-style-type: none">Information Technology helps us to do a job, communicate or for entertainment.Vector drawings are made using shapes that are layered on top of each other.Each element of a vector drawing is called an objectResizing; making your shape bigger and smallerRotating; Turing your shapes aroundDuplicate; making the same image again. <p>Vocabulary vector, drawing tools, object, toolbar, vector drawing, move, resize, colour, rotate, duplicate/copy, zoom, select, align, modify, layers, order, copy, paste, group, ungroup, reuse, reflection</p>	
Music Crucial Knowledge		
	Musical Learning	Key Musical Vocabulary
Balinese Gamelan	<ul style="list-style-type: none">Develop knowledge and understanding of the Balinese musical forms of gamelan beleganjur and kecak.isten and match vocal and instrumental sounds to each other, and to notation.Sing/chant a part within a kecak performance.Compose a kecak piece as part of a group.	<ul style="list-style-type: none">Duration: cycle – a looped pattern of a fixed number of beats.Texture: interlocking – where 2 or more rhythmic parts connect and combine to make a whole.Timbre: Kendang (drum), ceng ceng (cymbals), pot gongs, hanging gongsOther: Gamelan beleganjur (Indonesian percussion ensemble, often performed at religious ceremonies), kecak (a vocal chant), cak lesung (rice-pounding rhythms).
Physical Education Crucial Knowledge		
Net - Tennis	<ul style="list-style-type: none">Striking is when you hit a ball with a racket.Strength is a measure of power.	

	<ul style="list-style-type: none">• Technique is a way of carrying out a particular task.• Communicating with others giving and receiving information.• Collaboration is working with others to achieve/create something.• Competing means to do your best against others.• Evaluate is to judge something.		
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			
Sacred texts	<ul style="list-style-type: none">• Sacred texts are texts related to a religion or faith.• Sacred texts offer guidance and stories with morals.• The Bible is the collection of sacred writings of the Christian religion, and it is separated into books written by different people.• The Torah is the first part of the Jewish Bible and refers to the five books of the Hebrew Bible.• The Veda is the sacred text of Hindu religion. Veda means “knowledge.”		
Personal, Social Health & Economic Education Crucial Knowledge			
How can drugs common to everyday life affect health?	<ul style="list-style-type: none">• Caffeine, alcohol, nicotine, medicines are all drugs• Some drugs have age restrictions because of the effect they may have on the user – i.e. nicotine and alcohol• Some people choose to use drugs to fit in (peer pressure)• There is help for people with regards to drugs- organisations can help• You should speak to a trusted adult if you are worried about yourself or others		
Spanish Crucial Knowledge			
English	Spanish	English	Spanish
How are you?	¿Qué tal? ¿Cómo estás?	a dog	un perro
I am...	Estoy...	a guinea-pig	una cobaya
good	bien	a cat	un gato
great	fenomenal	a tortoise	una tortuga
happy	contento (m) contenta (f)	a fish	un pez
ill	enfermo (m) enferma (f)	a bird	un pájaro
bad	mal	a rabbit	un conejo
sad	triste	a mouse	un ratón
Have you got any pets?	¿Tienes animales?	a hamster	un hámster
I have a ...	Tengo un / una		
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		