

Year 5 -Summer 1	
Science Crucial Knowledge	
Materials - Changes	- 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.	- 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	- 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	- 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 object Resizing; making your shape bigger and smaller Rotating; Turing your shapes around Duplicate; making the same image again. 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
Music Crucial Knowledge	
Musical Learning	
Kisne banaaya	- Sing and play the melody of <i>Kisne banaaya</i>. - Sing in a four-part round accompanied with a pitched ostinato. - Compose a simple accompaniment using tuned instruments. - Create and perform their own class arrangement.
Physical Education Crucial Knowledge	
Net - Tennis	- Striking is when you hit a ball with a racket. - Strength is a measure of power. - 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	- 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	• 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?	• 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
Days of the Week	lunes, martes, miércoles, jueves, viernes, sábado, domingo.	When is your birthday?	¿Cuándo es tu cumpleaños?
Numbers 1-10	uno, dos, tres, cuatro, cinco, seis, siete, ocho, nueve, diez	My birthday is...	Mi cumpleaños es el.. (date) de (month).
Numbers 11-20	once, doce, trece, catorce, quince, dieciséis, diecisiete, dieciocho, diecinueve, veinte	How old are you? How old are they?	¿Cuántos años tienes? ¿Cuantos años tienen?
Numbers 21-31	veintiuno, veintidós, veintitrés, veinticuatro, veinticinco, veintiséis, veintisiete, veintiocho, veintinueve, treinta, treinta y uno.	I have years. He/she has... years.	Tengo... años. Tiene... años.
Months of the year	enero, febrero, marzo, abril, mayo, junio, julio, agosto, septiembre, octubre, noviembre, diciembre		