

Year 5 – Autumn 1		
Science Crucial Knowledge		
Earth & Space	<ul style="list-style-type: none"> • The sun does not move. • The Earth moves around (orbits) the sun. • The Earth rotates (spins) on its axis. • The Earth does a full rotation once every 24 hours. • It takes 365 days and 6 hours (1 year) to orbit the sun. • The sun is a huge star that Earth and the other planets in our solar system orbit around. • The moon orbits the Earth. • The planets in the solar system are: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. • Daytime happens when the side of Earth is facing towards the Sun. • Night happens when the side of Earth is facing away from the Sun. 	
Geography Crucial Knowledge		
Around the World in half a term Name and locate Hills & Mountains in UK	<ul style="list-style-type: none"> • A hill is a piece of land that rises higher than everything surrounding it. • If a hill measures over 2000ft/ 609.6m then it is classed as a mountain. • The highest mountain ranges are created by the ground (tectonic plates) pushing together and forcing the ground up where they meet. • Summit is the highest point of a hill or mountain. • A slope is the side of a mountain, hill, or valley. • A valley is a low area of land between hills or mountains • The highest mountain in England is Scafell Pike 	
Art & Design Crucial Knowledge		
Drawing	<ul style="list-style-type: none"> • ‘Single focal point’ is the area of the drawing a viewer sees first. 	
Computing Crucial Knowledge		
Computer Systems and Networks - Computing and Networks	<ul style="list-style-type: none"> • Digital Device is something that has a computer inside to make it work like a washing machine or mobile phone. • Input: Data provided to a computer system. • Outputs The information produced by a computer system for its user. • Selection: A search engine creates an index of the World Wide Web using web crawlers. When a search takes place, results are selected from the search engine’s index and delivered to the user • Ranking - Page rank: Some factors, including the name of the site, the presence of the search term on the site, and the number of links to a site can influence the order in which results are delivered. <p>Vocabulary system, connection, digital, input, process, storage, output, search, search engine, refine, index, bot, ordering, links, algorithm, search engine optimisation (SEO), web crawler, content creator, selection, ranking.</p>	
Music Crucial Knowledge		
What Shall we do with a Drunken Sailor?	Musical Learning	Key Musical Vocabulary
	<ul style="list-style-type: none"> • Compose body percussion patterns and write them out using a rhythm grid. • Keep the beat playing a ‘cup’ game • Sing a sea shanty accurately and with expression. • Keep a beat on an instrument while singing. • Talk about sea shanties using music vocabulary. 	<ul style="list-style-type: none"> • Duration: 4/4 time signature, crotchet, quavers, semiquavers. • Pitch: melody, chords, bass note, major, minor. • Tempo: beat, steady beat. • Other: sea shanty, work song, rhythm grid, accompany/accompaniment, cup game/cup rhythm game, body percussion.
Physical Education Crucial Knowledge		
Gymnastics	<ul style="list-style-type: none"> • Technique is a way of carrying out a particular task. • Evaluate is to judge something. • Flexibility is the range of movement through body joints. 	

	<ul style="list-style-type: none"> • Movement is when changing position, posture or place. • A pattern is when a movement or action is repeated. • Communicating with others giving and receiving information. • Collaboration is working with others to achieve/create something. • Co-ordination is the ability to move two or more body parts under control, smoothly and efficiently. • Jump is to lift off the ground from one foot onto two feet. During the flight of the jump, you should bend your legs slightly and land on two feet, with bent legs and without losing their balance. • Agility is how quickly you can change direction whilst maintaining speed, balance and power.
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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.
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Personal, Social Health & Economic Education Crucial Knowledge

What makes up a person's identity	<ul style="list-style-type: none"> • A person's identity is what makes each person individual – looks, personality, beliefs, values. • A person can show their identity through their online profile. • Stereotype means to class people as all the same for 1 or two reasons – this is wrong eg. All boys like football, boys shouldn't cry.
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Spanish Crucial Knowledge

English	Spanish	English	Spanish
How old are you?	¿Cuántos años tienes?	Pink	rosado
I have years. He/she has... years.	Tengo... años. Tiene... años.	Red	rojo
Where do you live?	¿Dónde vives?	Blue	azul
I live in...	Vivo en...	Yellow	amarillo
Colours	Los colores	Orange	anaranjado
Black	negro	Brown	marrón / café
White	blanco	Green	verde
Grey	gris	Purple	morado / púrpura
Numbers 1-10	un, dos, tres, cuatro, cinco, seis, siete, ocho, nueve, diez		
Numbers 11-20	once, doce, trece, catorce, quince, 6 dieciséis, diecisiete, dieciocho, diecinueve, veinte		