

Year 4 Autumn 1		
Science Crucial Knowledge		
States of Matter	<ul style="list-style-type: none"> • A solid is an object that is firm and stable. • A liquid is a substance that flows freely. • A gas has no fixed shape and will expand freely. • Changing state means to change from a solid to a liquid or a liquid to a gas. • Water boils at 100 degrees Celsius (°C) • Water freezes at 0 degrees Celsius. (°C) • The temperature is how hot or cold something is. • Evaporation is when a liquid (for example, water) changes to a gas due to it being heated. • Condensation is when water vapour (gas) is cooled down, which then it changes into a liquid (for example water). 	
Geography Crucial Knowledge		
Around the World in half a term Name and locate Coasts and Rivers in UK	<ul style="list-style-type: none"> • Rivers are split into 3 sections: the upper, middle and lower course. • The source is where a river begins, usually on higher ground. • The mouth of the river is the point where the river joins the sea. • The largest river in the UK is the River Severn which flows through parts of Wales and England. • A coast is where the land and sea meet. • A beach is a strip of land by the sea or ocean. • A cliff is a steep rock face usually at the edge of the sea. 	
Art & Design Crucial Knowledge		
Drawing	<ul style="list-style-type: none"> • Pencils are graded by numbers are used to tell us how soft the lead is. The higher the number the softer the lead and the darker the mark. 	
Computing Crucial Knowledge		
Computer Systems and Networks - The internet	<ul style="list-style-type: none"> • The internet is a network of networks • The global interconnection of networks is the internet • The internet enables us to view the World Wide Web • The World Wide Web comprises of websites and web pages, for example (Google, Safari) • We can communicate over the internet and World Wide Web. • Online Safety is when we communicate responsibly over the internet. <p>Vocabulary: internet, network, router, security, switch, server, wireless access point (WAP), website, web page, web address, routing, web browser, World Wide Web, content, links, files, use, download, sharing, ownership, permission, information, accurate, honest, content, adverts</p>	
Year 4	Musical Learning	Key Musical Vocabulary
This Little Light of Mine	<ul style="list-style-type: none"> • Improvise with voices on the notes of the pentatonic scale D-E-G-A-B (and B flat if you have one). • Sing in a Gospel style with expression and dynamics. • Sing Part 1 of a partner song rhythmically. • Play a bass part and rhythm ostinato along with <i>This little light of mine</i>. • Listen and move in time to songs in a Gospel style. 	<ul style="list-style-type: none"> • Pitch: pentatonic, 'blue' note. • Structure: verse, chorus, call-and-response, echo, phrase. • Tempo: off-beat • Timbre: articulation, <i>legato</i> (smooth), staccato (spiky, detached). • Texture: melody and accompaniment, unison, solo, ensemble. • Other: improvise.
Football: Crucial Knowledge		
Invasion - Football	<ul style="list-style-type: none"> • Kicking is when you hit an object (ball) with your foot • Attack is to try to move past and score against the opposing team. • Defend is to block the other team and stop them from scoring. • Agility is how quickly you can change direction whilst maintaining speed, balance 	

	<p>and power.</p> <ul style="list-style-type: none"> • Co-operation is when you work together with others to achieve a result. • Collaboration is working with others to achieve/create something • Communicating with others giving and receiving information. • Competing means to do your best against others.
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Gymnastics: 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. • Movement is when changing position, posture or place. • A pattern is when a movement or action is repeated. • Communicating with others by 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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Personal, Social Health & Economic Education Crucial Knowledge

What strengths, skills and interests do we have?	<ul style="list-style-type: none"> • Goals give us something to work towards and we feel proud when we achieve our goals. • Self-esteem is how you feel about yourself. • When things go wrong, we should learn from the experience. • We might decide to try again, or we might change our plans.
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Spanish Crucial Knowledge

English	Spanish	English	Spanish
Hello!	¡Hola!	great	fenomenal
Good morning!	¡Buenos días!	happy	contento (m) contenta (f)
Good afternoon!	¡Buenas tardes!	ill	enfermo (m) enferma (f)
Goodbye!	¡Adiós!	bad	mal
Goodnight!	¡Buenas noches!	sad	triste
How are you?	¿Qué tal? ¿Cómo estás?	What is your name?	¿Cómo te llamas?
I am...	Estoy...	My name is...	Me llamo ...
good	bien	Numbers 1-10	un, dos, tres, cuatro, cinco, seis, siete, ocho, nueve, diez