

Year 6 Autumn 1	
Science Crucial Knowledge	
Living Things and their Habitats	<ul style="list-style-type: none"> • Classification is the sorting of things into different groups based on their characteristics. • Characteristics are special qualities or appearances that make an individual or group of things different to others. • You can classify living things (plants, animals, micro-organisms) by comparing similarities and differences. • A micro-organism is a living thing that is too small to be seen with your eye. (eg. bacteria, viruses, some moulds).
Geography Crucial Knowledge	
Around the World in half a term Longitude, latitude, equator, hemisphere, time zones etc	<ul style="list-style-type: none"> • The Equator is an imaginary circle around Earth. It divides Earth into two equal parts: The Northern Hemisphere and the Southern Hemisphere. • The lines of latitude run parallel to the Equator and show how far north or south a place is. • The lines of longitude run from the top of the Earth to the bottom and show how far east or west a place is. • The Tropic of Cancer is in the Northern hemisphere and the Tropic of Capricorn is in the Southern hemisphere. • The imaginary line that circles around the top of the globe is called the Arctic Circle and the line that circles the bottom of the globe is called the Antarctic Circle. • GMT stands for Greenwich Mean Time. This is the time in the United Kingdom. • In the summer 1 hour is added to GMT – this is called British Summer Time (BST).
Art & Design Crucial Knowledge	
Drawing	<ul style="list-style-type: none"> • The area of the drawing a viewer sees first is called the ‘single focal point.’ • ‘Horizon’ is a line that runs across the page from side to side to represent the viewer’s eye level.
Computing Crucial Knowledge	
Computer Systems and Networks - Internet communication	<ul style="list-style-type: none"> • The World Wide Web is part of the internet where we can visit webpages and websites (WWW.) • Web browsers such as Google Chrome, Safari, Firefox, Internet Explorer) are needed to access the World Wide Web. • Ranking is the process that search engines use to determine the order in which search results will be displayed. • 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. • We can communicate over the internet and World Wide Web, but we must do so responsibly.
Music Crucial Knowledge	
Journeys – Song Cycle Performance	<ul style="list-style-type: none"> • Singing is to perform songs or tunes using our voices • The structure of a piece of music, is how it is put together. • Pitch is how high or low a sound is. • Solo is when someone sings or plays an instrument on their own. • An ensemble is when a group of people perform together.
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. • Movement is when changing position, posture or place. • A pattern is when a movement or action is repeated. • 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.

	<ul style="list-style-type: none"> • 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
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 and power. • 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.
Personal, Social Health & Economic Education Crucial Knowledge	
How can we keep healthy as we grow?	<ul style="list-style-type: none"> • You can be healthy by eating a balanced diet. • Exercise and sleep are also important for your health. • It is important to understand how you feel (moods and emotions). • You should speak to a trusted adult if you feel that something isn't ok. • We must look after our mental health as well as our physical health. We can be supported by family, friends and professionals if needed.
French Crucial Knowledge – Unit 10	
Crucial knowledge question	Crucial knowledge answer
<ul style="list-style-type: none"> • Giving and understanding directions - Turn left, go straight, turn right, stop. • Weather – What weather is it? It's cold, the weather is nice, it's hot, it is raining, it is snowing. 	<ul style="list-style-type: none"> • Tournez à gauche, allez tout droit, tournez à droite, arrêtez • Quel temps fait-il? Il fait froid, Il fait beau, il fait chaud, il pleut, il neige