

Year 6 Autumn 2

Science Crucial Knowledge

Light

- Light travels from light sources (something that makes light) in straight lines.
- Light travels in a straight line and bounces off an object and travels in a straight line into the eye, enabling us to see.
- A shadow is an area of darkness where light has been blocked.
- Shadows are the same shapes as the objects that cast them.
- When an object gets closer to a light source, the shadow becomes larger as the object blocks more light.

History Crucial Knowledge

Changes in coal mining since the 1980s

Where did all the miners go?

- A strike is where people refuse to work as a way to show that they are annoyed about their working conditions.
- Miners across Britain went on strike from 1984 – 1985.
- The miners on strike were trying to save their jobs as Prime Minister Margaret Thatcher and her government were trying to close the mines down.
- The leader of the miners' strikes was called Arthur Scargill.
- A picket line is where people on strike stand with signs showing their message.
- Miners did not get paid whilst on strike. Those who went back to work were called names and sometimes attacked.
- When the coal mines eventually closed, it had a huge impact on the miners, their families and the communities where the miners lived.

Design Technology Crucial Knowledge

Textiles

Combining different fabric shapes

- A pattern is made up of several templates.
- The pieces cut from the pattern are joined together and make a more complicated design.

Computing Crucial Knowledge

Creating Media - Webpage Creation

- The World Wide Web is part of the internet where we can visit webpages and websites (WWW.)
- Web browsers (Google Chrome, Safari, Firefox, Internet Explorer) You need these to access the World Wide Web.
- Presenting is when you can use a sequence of multimedia formats, such as images, video, audio and text to demonstrate knowledge or skilled learned.
- Ranking is the process that search engines use to determine the order in which search results will be displayed.
- Evaluating is to judge or calculate the quality, importance, amount, or value of something.

Music Crucial Knowledge

Christmas concert Performance

- Recorded music is music that has been recorded by a live artist or band and then played back.
- Live music is music that is performed in front of an audience.
- Singing is performing songs or tunes using your voice.
- 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

Dance

- Technique is a way of carrying out a particular task.
- Evaluate is to judge something.
- Co-ordination is the ability to move two or more body parts under control, smoothly and efficiently.
- Dance is to move the body in a rhythmic way, usually to music and within a given space.
- Collaboration is working with others to achieve/create something.
- A pattern is when a movement or action is repeated
- Flexibility is the range of movement through body joints.
- Movement is when changing position, posture or place.
- Agility is how quickly you can change direction whilst maintaining speed, balance and power.

	<ul style="list-style-type: none"> Co-ordination is the ability to move two or more body parts under control, smoothly and efficiently.
Netball	<ul style="list-style-type: none"> 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. Co-operation is when you work together with others to achieve a result. Catching is the use the hands to stop and hold a moving object. Eyes on the object, fingertips together (two handed catch). Cath the object, then grip it. Communicating with others giving and receiving information. Throw is to push an object by hand with a sudden forward motion ending with straightening the arm and wrist. Eyes on the object, Finger tips together (two handed catch). Collaboration is working with others to achieve/create something
Religious Education Crucial Knowledge	
Words of Wisdom	<ul style="list-style-type: none"> Religious stories often include a key message to encourage believers to act in a certain way. 'Jesus Calms a Storm' is a Christian story that tells believers that they can count on Jesus (the Son of God) to help calm the storms or difficult times in their lives. 'Abraham and Isaac' is a story that appears in Christianity and Judaism. It encourages believers to put their trust in God. 'Angulimala and the Buddha' is a Buddhist story that tells believers that, with help from others, people can change themselves for the better. 'The Formation of the Khalsa' is a Sikh story that encourages believers to show commitment and devotion to their faith.
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