

Year 2 Summer 1	
Science Crucial Knowledge	
Animals including Humans	<ul style="list-style-type: none"> <li>• Humans: A human is an animal - a mammal.</li> <li>• Animals and humans need water, food, air and shelter to survive.</li> <li>• Offspring is the young of an animal</li> <li>• Lifecycle: A series of changes from a baby to an adult.</li> <li>• Animals and humans have babies/offspring which grow into adults.</li> <li>• Some animals lay eggs. Some are born.</li> </ul>
Geography Crucial Knowledge	
This is Our Earth Weather Weather around the World	<ul style="list-style-type: none"> <li>• Countries have different types of climate, which tells you the type of weather they have over a longer period of time. Climates can be hot or cold.</li> <li>• We can measure and record weather using different things like: weathervanes, thermometers, rain gauges, barometers</li> <li>• Extreme weather is weather that can affect our surroundings and could be dangerous.</li> <li>• Extremely COLD places in the world are: the Arctic, Finland and Norway.</li> <li>• Extremely HOT places in the world are: Australia, Egypt and Mexico.</li> </ul>
Art & Design Crucial Knowledge	
Sculpture	<ul style="list-style-type: none"> <li>• A sculpture is a 2D or 3D piece of art.</li> <li>• Carving clays means using tools to scrape away parts of the clay.</li> <li>• If you 'impress' clay you make a mark in the clay by pressing or stamping an object into it.</li> </ul>
Computing Crucial Knowledge	
Creating media - Making Music	<ul style="list-style-type: none"> <li>• Creating Media is when you can create content for entertainment.</li> <li>• Technology can help you to create and change digital content</li> <li>• <b>Digital content</b> can be music.</li> <li>• <b>Software</b> is the programme or operating system that a computer uses.</li> <li>• You can use <b>software</b> on digital devices to design and create music.</li> </ul>
Music Crucial Knowledge	
Weather – Exploring Sounds	<ul style="list-style-type: none"> <li>• Singing is to perform songs or tunes using our voices.</li> <li>• Tuned instrument is an instrument that plays set notes e.g. piano.</li> <li>• Untuned instrument is an instrument that does not play set notes e.g. drums.</li> <li>• Live music is music that is performed in front of an audience.</li> </ul>
Seasons - Pitch	<ul style="list-style-type: none"> <li>• Singing is to perform songs or tunes using our voices.</li> <li>• The structure of a piece of music, is how it is put together.</li> <li>• Pitch is how high or low a sound is.</li> </ul>
Physical Education Crucial Knowledge	
Leap – Bat and ball	<ul style="list-style-type: none"> <li>• Co-ordination is the ability to move two or more body parts under control, smoothly and efficiently.</li> <li>• Co-operation is when you work together with others to achieve a result.</li> <li>• Striking is when you hit a ball with a bat or racket.</li> </ul>
Athletics	<ul style="list-style-type: none"> <li>• Competitive sports are games where the aim of the games is to win</li> <li>• Run is to move quickly using your feet.</li> <li>• 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.</li> <li>• If you run and then jump the distance you jump will be longer</li> <li>• Throw is to push an object by hand with a sudden forward motion ending with straightening the arm and wrist.</li> </ul>
Religious Education Crucial Knowledge	
Storytelling through sacred writings	<ul style="list-style-type: none"> <li>• The Bible is a special book of stories for the Christian faith.</li> <li>• The Vedas is a group of sacred books for the Hindu faith.</li> <li>• The stories told in sacred texts have morals (lessons) and meaning (The Prodigal Son (Christianity), Diwali (Hinduism)).</li> <li>• Jesus told stories to help show people how to lead a better life.</li> <li>• His stories told of kindness, forgiveness, love and repent.</li> </ul>
Personal, Social Health & Economic Education Crucial Knowledge	

**What helps us grow and stay healthy?**

- To stay healthy, we need to sleep, eat a balanced diet, exercise and keep clean.
- Too much sugar, salt and fat in our diet can cause illnesses, tooth decay and weight gain.
- Being active (exercise) and reducing screen time can improve our mental health and keeps our body healthy.
- It is safe to be in the sun if you wear appropriate clothing, wear a hat, drink water, use sunscreen.
- It can be dangerous to be in the sun too much as it can burn your skin.