

Year 2 Summer 2	
Science Crucial Knowledge	
Animals including <u>Humans</u>	<ul style="list-style-type: none"> • Exercise, diet and hygiene are very important for humans to survive and grow properly. • <u>To be healthy we need to:</u> • Eat a balanced diet to get the right amount of nutrients for our bodies. • Exercise to keep our hearts healthy and maintain a healthy weight. • Keep our bodies clean to prevent illness and so we don't smell.
History Crucial Knowledge	
Space Travellers	<ul style="list-style-type: none"> • Space is what you can see when you look up into the sky. It is very big. • Astronauts are specially trained to travel into space. • When in space, astronauts travel to the moon, look at the Earth and do experiments. • Satellites go around (orbit) the Earth. They can be natural or man-made. • The first person on the moon was American astronaut Neil Armstrong. He landed in 1969 which was over 50 years ago. • Both men and women can be astronauts. Tim Peake and Sunita Williams are examples of this. • The International Space Station orbits the Earth. It is a man-made satellite.
Design Technology Crucial Knowledge	
Textiles Templates and joining techniques	<ul style="list-style-type: none"> • A template is shape that you draw around that is the same shape as the item being made. • The template is drawn around and then the lines are cut along. • 2 pieces of material can be joined by sewing, gluing or stapling. • Sewing joins the materials using pieces of thread pulled by a sharp needle • Stapling joins using pieces of metal. • Gluing joins the material by spreading glue between the pieces being joined.
Computing Crucial Knowledge	
Programming – An introduction to quizzes	<ul style="list-style-type: none"> • An algorithm is a precise set of ordered instructions which can be turned into code • Algorithms need to be written in a special language called code so digital devices, can understand them. • Coding is how we communicate with computers. Code tells a computer what actions to take. • Sequence: steps carried out in order. • Command is a specific instruction given to a computer application to perform some kind of task or function.
Music Crucial Knowledge	
Water – Pitch	<ul style="list-style-type: none"> • Singing is to perform songs or tunes using our voices. • Tuned instrument is an instrument that plays set notes e.g. piano. • Untuned instrument is an instrument that does not play set notes e.g. drums. • Pitch is how high or low a sound is.
Travel – Performance	<ul style="list-style-type: none"> • Singing is to perform songs or tunes using our voices. • Rhythm is the music's pattern in time (beats counted). • Simple notation is following pictures or words and joining in to sing or play an instrument. • Tempo is the speed of the music.
Physical Education Crucial Knowledge	
Games	<ul style="list-style-type: none"> • Agility is how quickly you can change direction whilst maintaining speed and balance. • Co-ordination is the ability to move two or more body parts under control. • Run is to move quickly using your feet. • Jump is to lift off the ground. • 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. • Competitive sports are games where the aim of the games is to win

Religious Education Crucial Knowledge	
Showing kindness and goodness	<ul style="list-style-type: none"> • Christians believe that followers should be kind and generous people by helping and giving to others in need. • The Hindu faith teaches the importance of sharing with others. • It is important to be friendly, caring and considerate (thoughtful) towards others. • There are many stories throughout all religions that teach people how to be good and kind.
Personal, Social Health & Economic Education Crucial Knowledge	
How do we recognise our feelings?	<ul style="list-style-type: none"> • We can feel happy, sad, excited, worried, upset – these are all ok. • Some things that happen in our lives make us feel sad, angry or upset such as bereavement, family breakdowns, moving class/school, falling out with friends. • If you are feeling sad, angry or upset it can help if you talk to someone you trust, write down how you feel, have time to think. • It is ok to feel upset or angry. • Parents, family members, teachers and friends can help you to feel better.