

Year 1 Spring 2	
Science Crucial Knowledge	
Plants	<ul style="list-style-type: none"> • A plant has roots and grows in the ground. • Roots are part of the plant that attaches it to the ground. • Plants have leaves, stems or trunks and roots. Some have flowers or seeds. • Stems are the part of the plant that hold it up and carry water to the rest of the plant. • Flowers are the part of the plant that blossoms and produces the seeds. • Deciduous trees lose its leaves in the Autumn and stays bare until Spring. • An evergreen tree keeps its green leaves all year round, even in Winter.
History Crucial Knowledge	
How have things changed since the 1960s?	<ul style="list-style-type: none"> • The 1960s happened around 60 years ago. • Most families did not own a car. If they wanted to go somewhere, they would walk or bike. Some people might take the bus or train. • Television existed but most were just black and white. These TVs only had 3 channels. • There were no mobile telephones. If a family had a phone, they had one and it was attached to the wall. Most people used the red phone box down the street. • Children would play outside. Their toys and games were not electronic. • People were lucky if they were able to go on holiday. If they went the usually stayed in the UK.
Design Technology Crucial Knowledge	
Structures Freestanding structures	<ul style="list-style-type: none"> • A frame is a structure that surrounds something such as a picture, door, or windowpane • Straws can be joined to make a frame • Straws can be joined by using pipe cleaners • The frame can be made stronger by attaching triangles in the corners of the straws
Computing Crucial Knowledge	
Programming - Moving a robot	<ul style="list-style-type: none"> • An algorithm is a list of rules or instructions • Algorithms need to be written in a special language called code. • Debug is when you check for mistakes in your code. <p>Vocabulary: Bee-Bot, forwards, backwards, turn, clear, go, commands, instructions, directions, left, right, route, plan, algorithm, program.</p>
Music Crucial Knowledge	
Machines – Beat	<ul style="list-style-type: none"> • Rhythm is the music's repeated pattern in sounds. • Tempo is the speed of the music.
Seasons – Pitch	<ul style="list-style-type: none"> • Pitch is how high or low a sound is. • Singing is to perform songs using our voices. • Duration is how long a piece of music is. • The structure of a piece of music, is how it is put together.
Physical Education Crucial Knowledge	
Team Games (Attacking and Defending)	<ul style="list-style-type: none"> • Throw is to push an object by hand. • Catching is the use the hands to stop and hold a moving object. • 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.
Religious Education Crucial Knowledge	
Celebrations	<ul style="list-style-type: none"> • Celebrations are a way to mark or remember a special moment. • Christians celebrate special moments from Bible stories. • Easter is a Christian celebration that remembers when Jesus rose from the dead. • Passover is a Jewish celebration where Jewish families celebrate together.
Personal, Social Health & Economic Education Crucial Knowledge	

What can we do with money?

- Money is something we use to pay for things
- Money can be coins or paper and they have different values.
- We can get money by earning it, being given it or winning it
- Some things cost more money than others – a car will cost more than a bicycle.
- Some people keep their money safe in their purse, wallet or in the house.
- Some people keep some of their money in the bank.