

Year 2 Green Summer 1: Where Do Bong Trees Grow?

School Value: Curiosity – we show this by extending our learning in our own time

Topic Sticky Knowledge	
Art	Charcoal is wood that has been burnt. It is black and snaps easily. It is good for drawing but can be messy.
	Quinten Blake is most famous for illustrating Roald Dahl's books. He uses simple lines and shapes to show different expressions.
Science	Plants require things such as water, warmth, nutrients from soil and light to grow. If they do not have one or more of these things, they may stop growing.
	Plants can grow from seeds and bulbs. They germinate and grow into seedlings. Seedlings then grow into mature plants.
	Many plants provide us with food by bearing fruits which carry their seeds. When farmers grow plants to provide us with food, these are called crops.
	We eat many different parts of plants. Root vegetables such as carrots, stem vegetables such as celery, leafy vegetables such as lettuce and flowering vegetables such as broccoli.
Geography	A map is a drawing of an actual place that uses lines and symbols to represent real-life objects. People have used maps for hundreds of years to help them travel from place to place.
	An atlas shows maps of continents, countries, oceans and the physical features of a place. Its contents page shows a list of all the maps and the page that they can be found on.
	Maps are usually drawn from an aerial view. We can look at aerial photographs to see the main physical and human features of places.
	Seas are smaller areas of water than oceans. They are found where the land and water meet.
History	The first trains had steam engines. Smoke could be seen coming out of the chimney at the front. In 1830, people could travel on trains for the first time.
	In 1903, the Wright brothers were the first people to successfully fly in an aeroplane. They built it themselves.

Topic Vocabulary		
Art	Stippling	Making quick up and down hand movements to make dash and dot marks on paper.
	Cross-hatching	Drawing lines crossed over and close together
Science	Germination	When the conditions are right, the seed soaks up water and swells, and the tiny new plant bursts out of its shell. This is called germination.
	Shoot	A shoot grows upwards from the seed or plant to find sunlight.
	Seed Dispersal	Seed dispersal is when the seeds move away from the parent plant. They can drop to the ground in the plant's fruit or be moved by the wind or animals.
	Sunlight	All plants need light from the sun to grow well. Some plants need lots of sunlight. Some plants only need a little sunlight.
	Temperature	Temperature is how warm or cold something or somewhere is
	Nutrition	Food or nourishment. Plants make their own food in their leaves using sunlight.
	Geography	Ocean
Continent		A very large area of land that includes all the islands with it. There are seven continents: Africa, Antarctica, Australasia, Asia, Europe, North America and South America.
History	Transport	To take people or goods from one place to another.
	Invention	Something new that someone has created that has not existed before.

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Stand-Alone Sticky Knowledge	
RE	The feeling of belonging is inside us but often we might get a stronger sense of belonging when we are in our actual classroom or school or any other special place
	The Mosque is the Islamic place of worship and is the centre of the community. Mosques are used for prayer as well as many other community activities.
	Going to the mosque helps give a sense of belonging as Muslims gather there to give thanks to Allah.
	Many Muslims believe that praying with other Muslims can make you feel part of a family.
	Purpose-built Mosques are very recognisable from the outside with a large domed roof covering the main prayer hall and a tower called a minaret from which the Call to Prayer is made.
	Inside the Mosque, there is usually a Minbar or platform at the top of some stairs for the Imam (prayer leader) to stand on when he gives his sermon.
	Songs can have themes and messages, like friendship. Sometimes the lyrics can make us think about ourselves or our own lives.
Music	Music has a steady pulse, along with this, you can create rhythms, which are different from the pulse.
	Gaming has much in common with programming. There is a clear sense of what can be achieved, a set of formal rules governing what happens and a varying of scope between detail and 'big picture' thinking.
Computing	'Nim' is known as one of the first ever computer games – a version was shown at the New York World's Fair of 1939, a few years before early digital computers.

Stand-Alone Vocabulary		
RE	Mosque	Place of worship for Muslims
	Minaret	Slim tower used as a high point from which to make the call to prayer
	Wudu	a ritual washing to be performed in preparation for prayer and worship
	Prayer Mat	A rug or a piece of fabric placed between the ground and the worshipper for cleanliness.
	Mihrab	An alcove in the wall shows the direction the worshippers need to face. This is the direction of Mecca in Saudi Arabia, the most sacred Muslim place in the world.
Music	Tempo	An Italian word to describe how fast/slow the music goes.
	Dynamics	How loud or quiet the music is.
Computing	Algorithm	A sequence of precise instructions or steps (sometimes a set of rules) to achieve an objective
	Computational Thinking	A way of looking at problems so that the solution can be automated using a computer
	Source Code	The code that a particular program follows; the instructions or rules that determine what happens in a game or other application