

Year 3 Blue Spring 2: Why is Water Precious?

School Value: Self-confidence – we always give new initiatives a go, we never know, we might enjoy it!

Topic Sticky Knowledge	
Science	Plants need lots of things to grow – water, light, nutrients, air and room to grow. Different plants need different amounts. For example, cacti need less water than other plants.
	Leaves use carbon dioxide and sunlight to make food seed for the plant.
	The stem carries water and other nutrients from the leaf roots to the rest of the plant. Leaves use this water to stem make food. Roots. The stem also helps to keep the plant upright so that the sunlight can reach it easier.
	The roots help to ‘anchor’ the plant in the soil. They also absorb water and nutrients from the soil for the stem to carry to the rest of the plant.
	When water moves through a plant, the roots absorb water from the soil. The stem transports water to the leaves and then water evaporates from the leaves. This evaporation causes more water to be sucked up the stem. The water is sucked up the stem like water being sucked up through a straw.
	A large tree can consume 100 gallons of water out of the ground in one day!
	The world’s water moves between lakes, rivers, oceans, the atmosphere and the land in an ongoing cycle called the water cycle. As it goes through this continuous system, it can be a liquid (water), a gas (vapour) or a solid (ice).
Geography	Rivers have many uses around the world, including cleaning, cooking, growing crops, transport and creating power.
	A river has three main stages: upper course, middle course and lower course. Flooding is caused by poor drainage around or close to a river.

Topic Vocabulary		
Science	Roots	These anchor the plant into the ground and absorb water and nutrients from the soil.
	Stem	This holds the plant up and carries water and nutrients from the soil to the leaves. A trunk is the stem of a tree.
	Nutrients	These substances are needed by a living things to grow and survive. Plants get nutrients from the soil and also make their own food in their leaves
	Absorb	Soak up or take in
	Function	A useful thing that something does. The thing’s ‘job’.
	Transported	Taking something from one place to another
Geography	Meander	A river following a winding course.
	Confluence	The junction of two rivers – where two rivers merge together
	Floodplain	An area of low-lying ground adjacent to a river, formed mainly of river sediments and subject to flooding.
	Source	A spring or fountain head from which a river or stream begins.
Art	Tint	where an artist adds a colour to white to create a lighter version of the colour
	Shade	Where an artists adds black to a colour to darken it down

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Stand-Alone Sticky Knowledge	
RE	Sikh core beliefs include the need to treat people as equals and share with others
	Actions such as wearing the 5 Ks. repeating God’s name, reading the scriptures, singing praises, taking part in Langer, Sewa (selfless service) and wearing a turban could show that Sikhs wish to follow their teachings and live a good life.
	Sikhs also show respect to the Guru Granth Sahib: They bow down when they see Guru Granth Sahib, they wrap Guru Granth Sahib with beautiful cloth, they wave over the Guru Granth Sahib to show respect, they listen to the teachings of Guru Granth Sahib.
	After a day of worship, they take the Guru to a special room which serves as a ‘resting place’. Many Sikhs feel that the biggest commitment a Sikh can make to living a good life is by following the teachings of the Guru Granth Sahib.
Music	Dragon Song tells the story of Lesley the Dragon who flies around the world in search of friendship. When listening, think about the issues of kindness, respect, friendship, acceptance and happiness.
Computing	When we share work online, it can be hard to then make this private. Never share anything or give anyone access to anything that is private and personal.
	When creating text-based work, there are lots of tools to help planning, such as placeholder slides and titles.

Stand-Alone Vocabulary		
RE	Commitment	An agreement or pledge to do something in the future
	Takhat	A throne or high area that the Guru Granth Sahib sits
	Rumalla	The beautiful cloth that covers the Guru Granth Sahib.
	Chaur Sahib	A fan made from yak hair which is waved over the Guru Granth Sahib as a sign of respect
	Kirtan	The singing of hymns from the Guru Granth Sahib
	Sewa	Service to others
Music	Pentatonic Scale	A fixed five-note pattern – these are also the five black keys on a keyboard
	Hook	A short, catchy phrase or riff that we can’t stop singing – it hooks you in!
Computing	Creative Commons	Copyright licensing scheme in which content can be re-used without additional permission, subject to certain conditions
	Data Centre	Warehouse of computer storage and processing connected to the internet
	Outline	overview of a document, showing the structure of headings and subheadings without body text
French	Rouge, rose, jaune, bleu,	Red, Pink, Yellow, Blue
	vert, noir, blanc, marron, orange	Green, Black, White, Purple, Brown, Orange
	Les Yeux / cheveux bleus	Blue eyes/hair
	Il/elle est grand(e)/ petit(e)	He/she is big/small