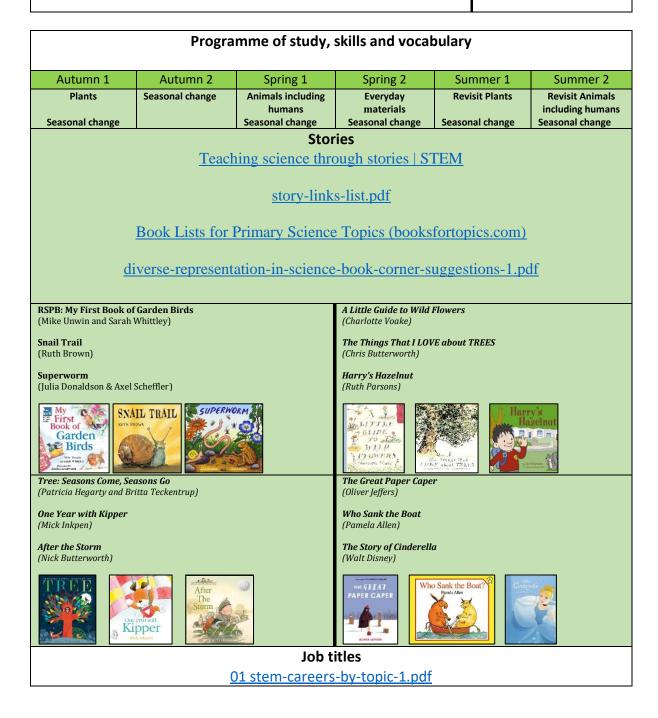
Working scientifically		Vocabulary	
cientif	years 1 and 2, pupils should be taught to use the following practical ic methods, processes and skills through the teaching of the nme of study content:		
	asking simple questions and recognising that they can be answered in different ways observing closely, using simple equipment performing simple tests identifying and classifying	question answer observe observing equipment identify classify sort group record diagram chart map data compar	



-	We also at the set		Marsh I.
	Key objectives	Specific skills	Vocabulary
	Observe changes across the four	Pupils should observe and talk about	season spring summer autumn winter
	seasons	changes in the weather and the seasons.	weather hot/ warm cool/ cold sun/ sunny
	Observe and describe weather	Pupils might work scientifically by: making	cloud/ cloudy wind/ windy rain/ rainy
	associated with the seasons and	tables and charts about the weather; and	snow/ snowing hail/ hailing sleet frost
	how the day length varies	making displays of what happens in the	fog/ mist ice/ icy rainbow thunder
98		world around them, including day length,	lightning storm light/ dark day/ night
an		as the seasons change.	
S			
al			
Seasonal Change	Big question?	Famous names/inventions	
		Greta Thunberg	
		TV Weather presenters	
		Dr Steve Lyons	
		(Extreme Weather)	
		(LATTERNE WEather)	
		Holly Green	
		(Meteorologist)	
	Key objectives	Specific skills	Vocabulary
	Identify and name a variety of	Pupils might work scientifically by:	common wild plants garden plants tree
	common wild and garden plants,	observing closely, perhaps using	deciduous evergreen trunk branches leaf
	including deciduous and evergreen	magnifying glasses, and comparing and	root plant leaf bud flowers blossom
	trees	contrasting familiar plants; describing	petals root stem fruit vegetables bulb
		how they were able to identify and group	seed
	Identify and describe the basic	them, and drawing diagrams showing the	
	structure of a variety of common	parts of different plants including trees.	
	flowering plants including trees	Pupils might keep records of how plants	
s		have changed over time, for example the	
rt		leaves falling off trees and buds opening;	
Plants		and compare and contrast what they have	
Δ.		found out about different plants.	
	Big question?	Famous names/inventions	
		Joseph Banks – botanist	
		Local links – Westonbirt – Robert Holford – Victorian horticulturalist	
		History of Westonbirt Arboretum	
		Forestry England	
		Beatrix Potter	
		Author & Botanist	
	Kovahiastivas	Specific skills	Verehulen
1	Key objectives Identify and name a variety of	Pupils might work scientifically by: using	Vocabulary common animals fish amphibians
1	common animals including fish,	their observations to compare and	reptiles birds mammals pets carnivores
SL	amphibians, reptiles, birds and	contrast animals at first hand or through	meat cat dog lion tiger fox shark killer
ar	mammals	videos and photographs, describing how	whale eagle hawk snake herbivores
Ξ		they identify and group them; grouping	plants cow hamster guinea pig tortoise
hu	Identify and name a variety of	animals according to what they eat; and	omnivores meat and plants badger
60	common animals that are	using their senses to compare different	human bear chickens hear neck arms
li i	carnivores, herbivores and	textures, sounds and smells.	elbows legs knees face ears eyes hair
no	omnivores		mouth teeth
Icli			
_	Describe and compare the structure		
sle	of a variety of common animals		
ă			
Di.			
Ā			
	associated with each sense		
Animals including humans	omnivores	textures, sounds and smells.	_

	Big question?	Famous names/inventions	
		David Attenborough Steve Backshall Chris Packham Joan Proctor (a herpetologist who designed London Zoo's reptile house) Jane Goodall – the scientist and conservationist who is famous for her work with chimpanzees. Evelyn Glennie – hearing impaired percussionist Stevie Wonder – blind singer songwriter Beatrix Potter Author & Botanist	
Everyday materials	Key objectives Distinguish between and object and the material from which it's made Identify and name a variety of everyday materials including wood, plastic, glass, metal, water and rock Describe the simple physical properties of a variety of everyday materials Compare and group together a variety of everyday materials on the basis of their simple physical properties	Specific skills Pupils should explore, name, discuss and raise and answer questions about everyday materials so that they become familiar with the names of materials and properties. Pupils might work scientifically by: performing simple tests to explore questions, for example: 'What is the best material for an umbrella? for lining a dog basket?for curtains? for a bookshelf?for a gymnast's leotard?'	Vocabulary material wood plastic glass metal water rock properties hard soft stretch stiff shiny dull rough smooth bendy waterproof absorbent brick paper fabrics elastic foil
	Big question?	Famous scientists/inventions William Addis Toothbrush Inventor	
		Chester Greenwood-Earmuffs	