

SCIENCE KS1		Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Year 1	Challenge Question	How do the seasons impact on what we do?	How do the seasons impact on what we do?	Which materials would make the best umbrella?	Why are humans not like tigers?	Which plants would Little Red Riding Hood find around our school?
	Main Unit	Twinkl Seasonal Changes (Spring Summer)	Twinkl Seasonal Changes (Autumn Winter)	Twinkl Everyday Materials	Twinkl Animals Including Humans	Twinkl Plants
	Supplementary Units	STEM Developing Experts Seasonal Changes	STEM Developing Experts Seasonal Changes	STEM Developing Experts Exploring Everyday Materials	STEM Developing Experts Animals Including Humans - About Animals & About Me	STEM Developing Experts Introduction to Plants
	Key Scientist/ (where appropriate)	George Symons		Ole Kirk Christiansen	Carl Hagenbeck George Mottershead Linda Buck	
Year 2	Challenge Question	How will five a day help me to be healthy?	What is our school made of?	How can we grow our own salad?	Where does The Very Hungry Caterpillar live?	Can we save the Earth?
	Main Unit	Twinkl Animals Including Humans	Twinkl Uses of Everyday Materials	Twinkl Plants	Twinkl Living Things and Their Habitats	Twinkl The Environment
	Supplementary Units	STEM Developing Experts Animals Including Humans - Diet and Growth, Growth & My Body	STEM Developing Experts Everyday Materials	STEM Developing Experts Plants Growth and Care	STEM Developing Experts Living Things and Their Habitats	
	Key Scientist (where appropriate)	Louis Pasteur	Charles Macintosh	Tim Smit Nicholas Grimshaw Jane Colden	Rachel Carson	James Blyth

SCIENCE LKS2		Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Year 3	Challenge Question	How can Usain Bolt move so quickly?	What do rocks tell us about the way the Earth was formed?	Do opposites attract?	How did that blossom become an apple?	How far can you throw your shadow?
	Main Unit	Twinkl Animals Including Humans	Twinkl Rocks	Twinkl Forces and Magnets	Twinkl Plants	Twinkl Light
	Supplementary Units	STEM Developing Experts Animals Including Humans - What Makes Us	STEM Developing Experts Rocks	STEM Developing Experts Forces and Magnets	STEM Developing Experts Plants - Life Cycles	STEM Developing Experts Light
	Key Scientist (where appropriate)	Marie Curie	William Smith	Inge Lehmann	Sir Joseph Banks David Douglas Jeanne Baret Tom Hart Dyke George Washington Carver	
Year 4	Challenge Question	What happens to the food we eat?	How could we cope without electricity for one day?	How would we survive without water?	Which wild animals and plants thrive in your locality?	Why is the sound that 'The Beatles' make enjoyed by so many?
	Main Unit	Twinkl Animals Including Humans	Twinkl Electricity	Twinkl States of Matter	Twinkl Living Things and Their Habitats	Twinkl Sound
	Supplementary Units	STEM Developing Experts Animals Including Humans - Food and Digestions	STEM Developing Experts Electricity	STEM Developing Experts States of Matter	STEM Developing Experts Classifying Living Things and Their habitats & Nature and The Environment	STEM Developing Experts Sound
	Key Scientist (where appropriate)	Washington Sheffield	Thomas Edison James West Gerhard M Kessler	Maria Telkes	Gerald Durrell	Alexander Graham Bell

SCIENCE UKS2		Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Year 5	Challenge Question	Could you be the next CSI Investigator?	Can you feel the force?	How different will you be when you are as old as your grandparents?	Do all animals and plants start life as an egg?	Will we ever send another human to the moon?
	Main Unit	Twinkl Properties and Changes Of Material	Twinkl Forces	Twinkl Animals Including Humans	Twinkl Living Things and Their Habitats	Twinkl Earth and Space
	Supplementary Units	STEM Developing Experts Changes of Materials	STEM Developing Experts Forces	STEM Developing Experts Animals Including Humans - The Human Life Cycle	STEM Developing Experts Studying Living Things	STEM Developing Experts Earth and Space
	Key Scientist (where appropriate)	Stephanie Kwolek	Isaac Newton		David Attenborough Jane Goodall Eva Crane	Margaret Hamilton Neil deGrasse Tyson
Year 6	Challenge Question	Could Spiderman really exist?	What would a journey through your body look like?	Have we always looked like this?	How can you light up your life?	Could you be the next Apple apprentice?
	Main Unit	Twinkl Living Things and Their Habitats	Twinkl Animals Including Humans	Twinkl Evolution and Inheritance	Twinkl Light	Twinkl Electricity
	Supplementary Units	STEM Developing Experts Living Things and Their Habitats	STEM Developing Experts Animals Including Humans Blood and Transportation & The Heart and Health	STEM Developing Experts Evolution and Inheritance	STEM Developing Experts Light	STEM Developing Experts Electricity
	Key Scientist (where appropriate)	Carl Linnaeus Alexander Fleming	Marie Maynard Daniel Hale Williams	Charles Darwin Mary Anning Alfred Wallace Mary Leakey	Stephen Hawking	Steve Jobs