



Knowledge, Skills and Understanding Progression Lower Key Stage 2

	Year 3 SCIENCE Knowledge	Year 3 Skill: SCIENCE Enquiry	Year 3 Skill: SCIENCE Communication	Year 3 SCIENCE Understanding:
Autumn	<ul style="list-style-type: none"> •Light, Plants 	<ul style="list-style-type: none"> • Planning enquiries 	<ul style="list-style-type: none"> • Scientific questions 	<ul style="list-style-type: none"> • Setting up enquiries
Spring	<ul style="list-style-type: none"> •Rocks and Soils, Animals including humans 	<ul style="list-style-type: none"> • Taking measurements 	<ul style="list-style-type: none"> • Presenting data 	<ul style="list-style-type: none"> • Using data
Summer	<ul style="list-style-type: none"> •Forces and magnets, revision 	<ul style="list-style-type: none"> • Concluding enquiries 	<ul style="list-style-type: none"> • Reporting enquiries 	<ul style="list-style-type: none"> • Making observations
	Year 4 SCIENCE Knowledge	Year 4 Skill: SCIENCE Enquiry	Year 4 Skill: SCIENCE Communication	Year 4 SCIENCE Understanding:
Autumn	<ul style="list-style-type: none"> •Digestion, Teeth, States of matter 	<ul style="list-style-type: none"> • Recognising variables 	<ul style="list-style-type: none"> •Controlling variables and making predictions 	<ul style="list-style-type: none"> • Evidence analysis and making predictions
Spring	<ul style="list-style-type: none"> •Sound, Living things and their habitats 	<ul style="list-style-type: none"> • Using scientific equipment 	<ul style="list-style-type: none"> • Selecting scientific equipment 	<ul style="list-style-type: none"> • Critiquing enquiry
Summer	<ul style="list-style-type: none"> •Electricity 	<ul style="list-style-type: none"> •‘Taste’ Terrific Scientific 	<ul style="list-style-type: none"> • Reporting variables 	<ul style="list-style-type: none"> • Linking results to conclusions



Knowledge, Skills and Understanding Progression Upper Key Stage 2

	Year 5 SCIENCE Knowledge	Year 5 Skill: SCIENCE Enquiry	Year 5 Skill: SCIENCE Communication	Year 5 SCIENCE Understanding:
Autumn	<ul style="list-style-type: none"> • Properties and changes of materials 	<ul style="list-style-type: none"> • Asking scientific questions/developing predictions 	<ul style="list-style-type: none"> • Planning enquiries 	<ul style="list-style-type: none"> • Enquiry design
Spring	<ul style="list-style-type: none"> • Forces 	<ul style="list-style-type: none"> • 'Forces' and 'Carbon in Trees' Terrific Scientific 	<ul style="list-style-type: none"> • Displaying data of increasing complexity 	<ul style="list-style-type: none"> • Selecting appropriate data display
Summer	<ul style="list-style-type: none"> • Animals including humans (Life cycles), Earth and Space 	<ul style="list-style-type: none"> • 'Time' Terrific Scientific 	<ul style="list-style-type: none"> • Reporting conclusions 	<ul style="list-style-type: none"> • Repeating readings
	Year 6 SCIENCE Knowledge	Year 6 Skill: SCIENCE Enquiry	Year 6 Skill: SCIENCE Communication	Year 6 SCIENCE Understanding:
Autumn	<ul style="list-style-type: none"> • Living things and their habitats, Micro-organisms 	<ul style="list-style-type: none"> • Applying evidence to real life 	<ul style="list-style-type: none"> • Controlling variables 	<ul style="list-style-type: none"> • Enquiry critique
Spring	<ul style="list-style-type: none"> • Animals including humans (Drugs and smoking), Evolution and Inheritance 	<ul style="list-style-type: none"> • 'Feet' Terrific Scientific 	<ul style="list-style-type: none"> • Displaying complex data 	<ul style="list-style-type: none"> • Linking evidence to ideas and debate
Summer	<ul style="list-style-type: none"> • Light, Electricity 	<ul style="list-style-type: none"> • 'Light' and 'Power' Terrific Scientific 	<ul style="list-style-type: none"> • Comparing scientific evidence 	<ul style="list-style-type: none"> • Linking results to predictions and questions