



St James & St John Church of England Primary School

Science Weekly Progression 2025-2026

Year 4	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
Autumn 1	Group and Classify things					Data Collection A	
	Group Animals	Vertebrates and invertebrates	Classification (animals)	Group plants	Classify plants <i>Assessment</i>	Data Collection	Analyse Data
Autumn 2	States of Matter						
	Explore and think differently solid, liquids and gases.	Change states	use equipment & plan melting experiment	investigate melting experiment	The water cycle	Plan evaporation experiment (investigate experiment throughout the day)	Evaluate evaporation experiment & <i>Assessment</i>
Spring 1	Sound					Data Collection B	
	Vibrations	The ear Investigate sounds (through the day)	Explore volume and pitch	Plan and investigate volume experiment	Evaluate volume experiment & <i>assessment</i>	Collect and Analyse data	
Spring 2	Electricity				Energy		
	Common appliances that use electricity (starter) Build and draw circuits	Build and draw series circuits What has gone wrong (extension)	Conductors and insulators	Conductivity within a circuit	<i>Electricity assessment</i> What is energy?	How can we reduce our energy usage?	
Summer 1	Data Collection C		Habitats				
	Data collection	Analyse data and make conclusions	Living things in their habitat	Classification keys (animals) Classification keys (plants)	Human impact on habitats – deforestation <i>Assessment</i>		
Summer 2	Digestive System				Food Chains		
	Carnivores, herbivores, omnivores and human teeth.	Layers of teeth and plan experiment	Digestive system and model digestive system	Tooth decay experiment findings & <i>assessment</i>	What is a food chain? Interpret food chains What would happen if?	Draw food chains <i>Assessment</i>	