Science Action Plan 2026-2027

Beechwood Primary School

Subject Action Plan

2026-2027

Subject: Science

KEY OBJECTIVES	ACTION TO BE TAKEN	PERSONNEL		RESOURCES		TIMESCALE		SUCCESS INDICATORS	MONITORING AND EVALUATION	
		RSPNSBL	INVOLVED	SCHOOL	OTHER	START	FINISH			
Run a trust-wide investigation, answering a key question and presenting outcomes	Science leads from across the trust to choose a key question to be investigated in each school. Children from across the Trust will then come together at the end of the week to present and evaluate findings	Paul Graham	All LEPP schools	Assembly time and timetable for Science week to ensure each class sets aside time for the investigation	Arrange a time to meet as a Trust to present outcomes	Science week 2027		All children to have taken part in a trust-wide investigation	Evaluation of event across Trust – discuss at Trust school staff meeting	
Consider carefully how science must be adapted for learners with SEND within school	Science leads to collect student and teacher voice, complete gap task and reflect on student need. Leads to use these findings to promote positive adaptations, differentiation and provision as required for students for additional needs. Members of staff working within the Garden Hub should be supported in deliver appropriate science work with high	Paul Graham and Jeanna Ilsley	All teaching staff including Juliet Franks and Tracy Kostrzewa in the Garden Hub	Subject leadership time to collect student and staff voice, look at books of children with SEND and think	Time to meet with Juliet Franks and Tracy Kostrzewa in the Garden Hub to talk about how scientific	July 2026	July 2027	Children with SEND to feel like scientists (working scientifically) and have good understanding of the World around them	Book looks during science subject leadership time. Looking at Tapestry for	

	need students, matching the main curriculum goals.			through best practice.	principals can be embedded into the provision for high needs students.			(Conceptual knowledge)	evidence of scientific principals as outlined on overview from Chloe Moss	
Continue metacognition work	Promote the use of flashback questions at the start of **every lesson**. Ensure that retrieval is embedded into delivery of science lessons and children have the opportunity to reflect on meta-cognitive principals in relation to science.	Paul Graham and Jeanna Ilsley	All teaching staff	Flashback questions are to be used at the start of every lesson.	Flashback questions to be available on Sharepoint	July 2026	July 2027	Students to be completing the flashback questions at the start of every lesson and allowed time to reflect on their learning.	Drop-ins to watch each teacher deliver the flashback questions and gather pupil voice in regards to this.	
Continue to embed key vocabulary in science throughout the school	Ensure display of key vocabulary is displayed in classrooms alongside unit Mind Map of each topic showing children's initial ideas/prior knowledge.	Paul Graham and Jeanna Ilsley	All teaching staff	The start of the first lesson in each unit to create a mindmap and discuss prior knowledge.	N/A	July 2026	July 2027	Displays to show mind map of prior knowledge and key vocabulary	Monitoring of displays during science subject leadership time	
Develop understanding of investigation skills and teaching of progression of scientific enquiry skills for each year group.	Ensure that the progression of investigation and scientific enquiry skills are incorporated regularly throughout each topic in planning. In Key Stage 2, ensure use of investigation template is being followed	Paul Graham and Jeanna Ilsley	All teaching staff	Investigation template in books	N/A	July 2026	July 2027	Evidence in books that more investigation and scientific enquiry work is being carried out and recorded using investigation template in Key Stage 2	Book looks during science subject leadership time	

Develop portfolio of evidence for WTS/ARE in science with Trust Schools and look at Above ARE	Book scrutiny and collection of children's work	Paul Graham and Jeanna Ilsley	Paul Graham and Jeanna Ilsley	Time to carry out monitoring and evaluation.	N/A	July 2026	July 2027	Examples of ARE and Above ARE work to be put in Science File	Portfolio to be kept on shared area for reference.	
Continue to audit and develop resources to support teaching and learning in Science	Carry out audit of existing resources to be done throughout academic year as required. Orders to be placed as necessary.	Paul Graham and Jeanna Ilsley	Paul Graham and Jeanna Ilsley	Science budget 2025-2026	N/A	July 2026	July 2027	Replenished topic boxes	Regular checks of the science cupboard during science subject leadership time	
Encourage use of end of Unit Snap Science assessments to assist in levelling children's work	Use of Snap Science tracking and assessment at the end of **every topic**.	Paul Graham and Jeanna Ilsley	All teaching staff	Staff meeting time to share new assessment systems	N/A	July 2026	July 2027	New assessment systems being used e.g. success criteria tick boxes	Book looks during science subject leadership time	
Maintain existing links and introduce new trips and visitors to Science units	Ensure all teaching staff are aware of trip and visitors to be booked and are following guidance for doing this.	Kathryn Roberts	All teaching staff	Funding for trips and visitors	Possible use of local destinations	July 2026	July 2027	Evidence of trips/visitors in books, wall displays and school website	Book looks during science subject leadership time	
Celebrate British Science Week 2027	Celebrate British Science Week with an assembly, activities and competition planned.	Paul Graham and Jeanna Ilsley	All teaching staff	Resources for activity tbc. Time for an assembly	N/A	July 2026	July 2027	Evidence to be added to the science page of the website	Monitoring of website	
Continue to update a specific science page on the Beechwood school website	Continue to update science page on school website highlighting science visits to e.g. Eureka and any visitors doing science workshops within school.	Paul Graham and Jeanna Ilsley	Paul Graham and Jeanna Ilsley to update	Time to gather and upload photographs etc.	N/A	July 2026	July 2027	A science page on the school website showcasing	Monitoring of website	

			All teaching staff to send evidence					science trips and visitors		
Review the risk assessments for science	Review any specific risk assessments for science and upload these to the Teacher Sharepoint. Check they are in line with updated school Health and Safety policy and CLEAPSS guidance. Direct staff to these as needed.	Paul Graham and Jeanna Ilsley	All teaching staff	Time to review risk assessments and upload to sharepoint.	Access to CLEAPSS school account.	July 2026	July 2027	A file on the Teacher Sharepoint for risk assessments	Monitoring of SharePoint	
Link to climate action plan	Liaise with MC to incorporate science with climate work	Paul Graham, Jeanna Ilsley and Melissa Callaby	All teaching staff	Monitor and maintain Climate Action Plan	N/A	July 2026	July 2027	Embedded plan across school	Monitoring of SharePoint	
Add British Values to LTP	Link values to appropriate modules	Paul Graham and Jeanna Ilsley	Ensure all staff incorporate values	Monitor Science LTP	British Values widgets and posters	July 2026	July 2027	Embed values across school	Monitor books and lesson plans	
Update Science website	Add scientific questions and responses from scientists to website – update Science Week and visitor pages	Paul Graham and Jeanna Ilsley	Paul Jackson	Monitor Website	Website	July 2026	July 2027	Increase profile of science throughout school	Monitor website	
Link with Leeds University (air quality monitor)	Use data from sensors for school project	Paul Graham and Jeanna Ilsley	Leeds University	Sensor Data	N/A	July 2026	July 2027	Links with the wider community	Monitor sensor results.	
Explain how the stands of science link to our modules (Biology, Chemistry, Physics) – KS2	Discuss in staff meeting	Paul Graham and Jeanna Ilsley	Time in staff meeting?	SNAP Science	N/A	July 2026	July 2027	Broaden understanding of science and develop children for high school science	Discussions with Beechwood staff	

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