



# WILLIAM BARNES PRIMARY SCHOOL

## Science 3-Year Development Plan (2025–2028)

Subject Leader: Mrs L Blackburn

Objective	Planned Impact	Process	Who & When	Resources	Monitor	Review	Next Steps
What you are aiming to achieve	Must be specific and measurable. Cannot be 'to improve' but can be 'improve from ... to .... By ....'	How will you plan to get to your objective: meetings with staff, CPD arranged	Who will be involved and when. Multiple dates if necessary	What we need to carry out the tasks: Money linked to specific budget or time release	Who will be monitoring, what will be monitored i.e. books, planning, children interview, lesson observation	When review is held: half term, each term... what has been achieved against planned impact?	
To continue to develop the use of subject-specific vocabulary (in line with whole school oracy).	Pupils confidently use a wide range of subject-specific vocabulary when speaking and writing in Science.	Make vocabulary explicit, encourage its use in speech and writing, and ensure correct use is expected in writing. Highlight correct usage in pink, in line with the school marking policy.	LB / All Science teachers by Autumn 2 (2025).  Whole staff review at INSET 2026 and INSET 2027.	Staff meeting time.  SLT meeting time	LB to meet with pupils to discuss Science work; SLT to monitor use of vocabulary in marking.  LB/SLT book and work scrutiny Autumn 2, Spring 2, Summer 2.		
To further develop Science end-of-unit assessments and ensure consistent grading standards across year groups.	Written Science assessments (Cornerstones) used by all teachers to monitor progress. LB to design new tracking	Tracking sheets shared with staff in Science meetings.	LB Autumn 2 (2025), Spring 2 (2026), Summer 2 (2026).	Subject leader time to create progress sheets.	SLT to review suitability of tracking format in line with school policies.  Review tracking effectiveness annually.		

	sheets for each year group.				
To monitor ongoing Science assessment in all year groups.	Ensure all pupils are assessed termly and data is consistently tracked.	Remind staff to complete tracking sheets each term.	All teachers; LB Autumn 2 (2025), Spring 2 (2026), Summer 2 (2026).	Subject leader/SLT time to review data; staff meeting time for reminders.	LB/SLT to check tracking; LB to liaise with FL regarding Arbor recording.  Termly review of data collection.
To organise Science Week (Family Learning Week).	Pupils develop subject knowledge and a deeper interest in Science; parents become engaged in children's Science learning.	Book Science Dome (2026–2027) and coordinate with staff; liaise with PTFA for funding.	LB / Office / PTFA.	PTFA and parental contributions;  subject leader time for planning.	SLT / FL oversight  Annual review after Science Week..
To continue developing opportunities for more able pupils.	Pupils identified as GD+ (Greater Depth) receive deeper learning opportunities in class.	All teachers check GD+ lists and adapt provision.  Create a More Able register. LB to research resources  Explore starting a KS2 Science Club for identified pupils.	LB by Spring 2026.	Staff meeting time; subject leader time.	SLT to monitor children's books and tracking data.  Annual review of provision and register.
To link learning in the classroom with real-world applications.	Pupils make clear connections between classroom Science and future STEAM careers.	Provide teachers with STEAM career videos linked to current topics; CPD on the STEAM Careers document (Cornerstones).	LB / All teachers.	Subject leader time.	SLT monitoring of classroom implementation.  Annual review of careers-linked provision.

To increase Science resources and seek funding opportunities.	Improve safety and enhance learning. - Safety glasses required for certain practical lessons. - Lab coats to improve safety and help make Science lessons feel distinctive and professional.	Investigate local business sponsorships and fundraising opportunities for new equipment.	LB by April 2026; resource updates September 2026 and September 2027.	Fundraising, PTFA contributions, external sponsorship.	SLT oversight of new resources and safety implementation.  Annual review of resource needs and usage in line with Cornerstones curriculum.
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