



Longton
Primary
School



Subject Leader Raising Aspirations Plan

Subjects: Science

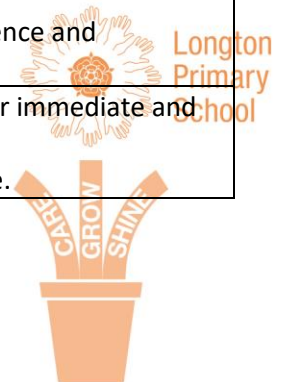
Academic year 2024 - 2025

Curriculum Annual Targets

Please refer to the Inspection Handbook for guidance.

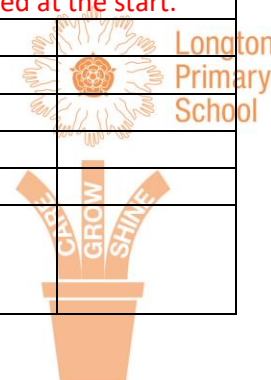
[School inspection handbook - GOV.UK \(www.gov.uk\)](http://www.gov.uk)

<p>1. Leadership and Management including Safeguarding</p>	<ul style="list-style-type: none"> • Leadership ensures a robust curriculum is being followed. • Professional development is undertaken to ensure teachers are confident in the knowledge they are teaching and are using a range of approaches to ensure all children can achieve. • Parents are well informed of the content of the curriculum. • The Science curriculum ensures thorough and age appropriate delivery following the Longton long term plan • The Science curriculum has a clear and defined balance between knowledge and investigations.
<p>2. The quality of education (Teaching, Learning and Assessment)</p>	<ul style="list-style-type: none"> • Science is taught by class teachers ensuring sessions are delivered by the adults in school who have a knowledge of what has come before and what comes next following a clear relevant curriculum. • Drop-ins and observations demonstrate the teaching of science is consistently excellent. • The assessments for Science demonstrate that the majority of pupils are working at age-related, gaps have been identified and are eradicated. Those who are working above age-related expectations are given opportunities to deepen their understanding. • Pupils with SEND access a full curriculum that they can apply and develop independence and enjoyment from learning.
<p>3. Personal Development. Behaviour and attitudes</p>	<ul style="list-style-type: none"> • Children of all ages understand the importance of a high quality of education on their immediate and future lives. • Pupils develop resilience to setbacks and take pride in their achievements in Science.



Raising Aspirations Plan 2024- 2025

<p>1. Leadership and Management including safeguarding Improve the skills, capacity and effectiveness of the leadership of Science to secure rapid and sustained progress through the implementation of consistent and effective Science across the school to accelerate pupil progress.</p>					
<p>Key lines of Enquiry: <i>(Questions govs should be asking, SLT looking for, subject leader ensuring information is available, evident etc.)</i></p>		<ul style="list-style-type: none"> • How are teachers being supported with delivering developments to the curriculum? • Are parents adequately informed about the curriculum? • What is the data telling – can gaps be identified in an area/ year group and if so how are teachers being supported to pinpoint and accelerate knowing more and remembering more for all pupils. 			
<p>Half-termly Milestones to Achieve Annual Targets</p>					
<p>Science Key Question and Key Skills recorded in books Does planning link to long term plans and then delivery in weekly lessons</p>					
<p>Actions for each half term</p> <ul style="list-style-type: none"> • What needs to be done to achieve your Annual Targets? • Refer to LPS Raising Achievement Cycle. • Refer to the priorities in the SEF • Refer to LPS Transition Documents • Refer to the Roadmap to Excellence 		<p>Timescale Term Week No</p>	<p>Lead</p>	<p>RAG rating G=Complete A= Partly R = No</p>	<p>RAG rating against annual target</p>
<p><i>In this section plan out what you are going to do you can edit as you go along add extra / change but you need to have stuff prepopulated at the start.</i></p>					
Monitoring of planning on TEAMS		AT1			
Monitoring - Lesson observations		AT1			
Monitoring of working walls		AT1			
Monitoring of Books		AT1			
		AT2			
		AT2			



2. The quality of education (Teaching, Learning and Assessment)

Lessons taught provide opportunities for all children to succeed in acquiring knowledge and developing working scientifically skills. Use is made of previous knowledge to correctly pitch learning content and knowledge is reinforced throughout the year through linking of learning, building upon skills and checking on previous knowledge.

Key lines of Enquiry:
(Questions gobs should be asking, SLT looking for, subject leader ensuring information is available, evident etc.)

- Is the scientific investigations embedded in the curriculum across all year groups?
- Are science resources available for all areas of the curriculum?

Half-termly Milestones to Achieve Annual Targets

Enhance children’s ability to plan and conduct investigations

Scaffold investigations to support different abilities

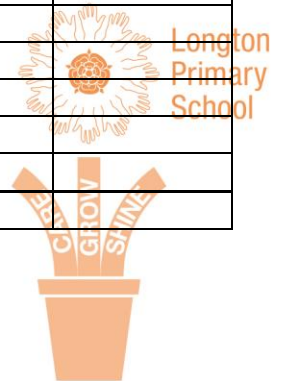
Audit resources linked to science across the school and ensure that teaching comprises of more investigative work to develop pupils’ enthusiasm and excitement linked to Science

Actions for each half term

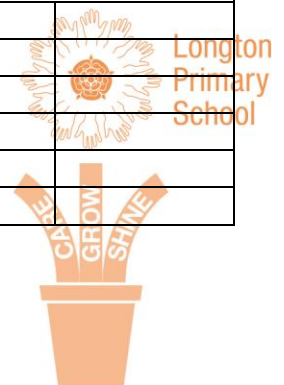
- **What needs to be done to achieve your Annual Targets?**
- **Refer to LPS Raising Achievement Cycle.**
- **Refer to the priorities in the SEF**
- **Refer to LPS Transition Documents**
- **Refer to the Roadmap to Excellence**

Timescale Term Week No	Lead	RAG rating G=Complete A= Partly R = No	RAG rating against annual target
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Book monitoring	Aut 2 Spr2	IP		
Observation of teaching	Spr1	IP		
Audit of resources linked to planning	Spr, Sum	IP		
Pupil voice Interviews	Sum	IP		



3. Personal Development. Behaviour and attitudes Make links with Axia schools to share good practice Children understand the benefits science can have to their life and learning now and in the future.					
Key lines of Enquiry: <i>(Questions gobs should be asking, SLT looking for, subject leader ensuring information is available, evident etc.)</i>		<ul style="list-style-type: none"> • Do children have a good understanding how Science can impact on their future career? • What are the pupil's attitudes to the subject and how can these be further developed? • How have Axia links benefitted the teaching and learning of Science at Longton? 			
Half-termly Milestones to Achieve Annual Targets					
Actions for each half term					
<ul style="list-style-type: none"> • What needs to be done to achieve your Annual Targets? • Refer to LPS Raising Achievement Cycle. • Refer to the priorities in the SEF • Refer to LPS Transition Documents • Refer to the Roadmap to Excellence 		Timescale Term Week No	Lead	RAG rating G=Complete A= Partly R = No	RAG rating against annual target
Organise and lead in school Axia Science week		SP2	IP		
Link with Axia Science leads to share good practice		AT1	IP		
Provide Science related information for staff throughout the year.		AT, Spr, Sum	IP		
Develop Science ambassador role and assemblies		AT2	IP		
Pupil Interviews – what jobs can you do that use science?		AT2	IP		
Pupil Interviews – do children enjoy science?		Sum 1	IP		



Raising Aspirations Plan Autumn Term Evaluation

Subject: Science

	Impact of Actions Against Annual Targets	On track for Good+	Milestones for next half-term
Leadership and Management including Safeguarding			
The Quality of Education Teaching, learning and assessment.			
Behaviour and Attitudes and Personal development			



Raising Aspirations Plan Spring Term Evaluation

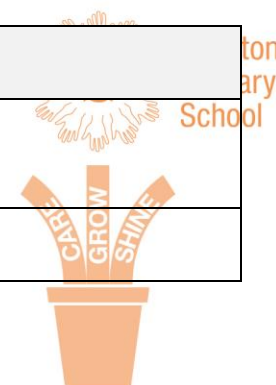
Subject: Science

	Impact of Actions Against Annual Targets	On track for Good+	Milestones for next half-term
Leadership and Management including Safeguarding			
The Quality of Education Teaching, learning and assessment.			
Behaviour and Attitudes and Personal development			

Raising Aspirations Plan Summer Term Evaluation

Subject: Science

	Impact of Actions Against Annual Targets	On track for Good+	Milestones for next half-term
Leadership and Management including Safeguarding			
The Quality of Education			



Teaching, learning and assessment.			
Behaviour and Attitudes and Personal development			

