



An historian etc.

Mastery characteristics		This means
Mindset	A passion for science and its application in past, present and future technologies.	<ul style="list-style-type: none">• Children will be aware of scientific discoveries of the past and the direction of scientific developments of the future.
Be knowledgeable	Confidence and competence in the full range of practical skills, taking the initiative in, for example, planning and carrying out scientific investigations.	<ul style="list-style-type: none">• Children will be able to pose scientific questions to investigate based on the domains of biology, chemistry and select the correct type of inquiry to answer it.
Communicate	Excellent scientific knowledge and understanding which is demonstrated in written and verbal explanations, solving challenging problems and reporting scientific findings.	<ul style="list-style-type: none">• Children will be able to clearly communicate findings from their investigations, connecting their findings with scientific content knowledge and using appropriate scientific vocabulary.
Be creative	High levels of originality, imaginations or innovation in the application of skills.	<ul style="list-style-type: none">• Children will be able to suggest subsequent investigations based on conclusions from previous results.
Be skillful	The ability to undertake practical work in a variety of contexts, including fieldwork.	<ul style="list-style-type: none">• Children will be able to select the correct equipment, measure, compare and record results from their investigations.
Be curious and connect ideas	The ability to think independently and raise questions about working scientifically and the knowledge and skills that it brings.	<ul style="list-style-type: none">• Children will be curious about the natural world around them and make connections between their science learning and everyday experiences.

How my subject areas contributes to the development of writing across the school:

- Science will allow children to communicate their ideas in written and verbal explanations.
- Science will allow children to develop their speaking and listening skills through collaborating in scientific enquiry.
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