



The Eliot Bank and Gordonbrock Schools Federation



SCIENCE CURRICULUM OVERVIEW

Curriculum Expectations

	Working scientifically
Rec	<ul style="list-style-type: none">● Explore the natural world around them, making observations and drawing pictures of animals and plants;● Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class● Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter
Year 1	<ul style="list-style-type: none">● I can ask simple questions and recognise that they can be answered in different ways● I can identify and sort objects● I can compare and contrast objects● I can observe closely● I can perform simple tests● I can draw simple diagrams● I can use observations and ideas to suggest answers to questions● I can collect and record information
Year 2	<ul style="list-style-type: none">● I can ask relevant questions and recognise that they can be answered in different ways● I can identify and classify living and non-living things● I can describe how they are able to identify and group objects● I can compare and contrast objects● I can observe closely, using simple equipment such as magnifying glasses and hand-held microscopes

	<ul style="list-style-type: none"> ● I can perform simple tests ● I can draw labelled diagrams ● I can gather and record data to help in answering questions ● I can use observations and ideas to suggest answers to questions ● I can collect and record information to begin answering questions
<p>Year 3 & Year 4</p>	<ul style="list-style-type: none"> ● I can ask relevant questions ● I can conduct a scientific enquiry to answer my own questions ● I can set up a simple scientific enquiry ● I can make careful observations ● I can take accurate measurement using standard units of measure ● I can gather data to answer a question ● I can record data to answer a question ● I can report findings using simple scientific language ● I can report findings using drawings ● I can report findings using labelled diagrams ● I can report findings using a table ● I can report findings from an enquiry orally and in a written conclusion ● I can use results to draw a simple conclusion ● I can use results to make a prediction for further values ● I can identify difference, similarities and changes related to simple scientific ideas
<p>Year 5 & Year 6</p>	<ul style="list-style-type: none"> ● I can plan different types of scientific enquiries to answer questions ● I can recognise and control variables ● I can take accurate and precise measurements using scientific equipment ● I can take repeat measurements where appropriate ● I can record data and results using diagrams with labels

- I can record data and results using tables
- I can record data and results using bar and line graphs
- I can use test results to make further predictions which will feed into further comparative and fair tests
- I can report findings from an enquiry both orally and in writing
- I can make a conclusion based on a test
- I can explain results from an enquiry
- I can identify a degree of trust within an enquiry