

Curriculum Intent: Science

Science is a world of exploration and discovery. We aim to educate the socially responsible citizens by understanding the implications of the choices we make within science today and for the future. Students will explore and investigate phenomena conducting practical experiments encompassing the key scientific principles.

Educate	Social	Responsibility	Citizen	Future
At Pix Brook Academy, science is a world of exploration and discovery. The children are taught the key scientific principles of biology, chemistry and physics. All lessons follow the national curriculum and the children have two hours a week dedicated to this core subject	<p>To challenge received wisdom by considering new evidence and ideas.</p> <p>To use problem solving skills and numeracy within scientific concepts;</p>	Cross curricular links and a thematic approach to learning allow children to build on their capital, and aid them in future career choices. To appreciate the role played by science in global development and consider the consequences.	Science capital plays a vital role in our school. Throughout the year, numerous STEM based visitors share their knowledge and skills with the children. In March, the entire school takes part in National Science Week, allowing the children to participate in exciting experiments and challenges.	Throughout the units the children are encouraged to plan and conduct experiments, question and explore phenomena. This allows the children to work scientifically and become independent learners. Understanding the nature, processes and methods of Science; Understanding the uses and implications of Science today and for the future.

