






Fundamental British Values in Science

<p>Individual liberty</p> 	<p>Students will have opportunities that allow them to use their knowledge and understanding to pose scientific questions and define scientific problems. The curriculum will introduce students to the idea that science can't provide the answers to some questions, for example, where beliefs, opinions and ethics are important. Students may also have choices to make while they take their GCSE qualification, for example as they consider further education, training or careers post secondary school. These decisions are supported by raising awareness of scientific career opportunities within the various disciplines covered over the curriculum.</p>
<p>Mutual Respect</p> 	<p>The core values of mutual respect are promoted in the science classroom to encourage participation by all. Everyone is supported to engage and speak up. Students may initially face challenges when speaking aloud in a scientific context so all verbal participation is celebrated and supported by staff and peers. Ideas will be considered equally and with care for the respect of individual views.</p>
<p>Democracy</p> 	<p>There are a diverse range of topical scientific issues that will allow students to explore the nature of scientific evidence and the interplay between scientific communities, the media, politicians and policy makers. Students will find it necessary to distinguish between opinions based on valid, repeatable and reproducible evidence and opinions based on non-scientific ideas (for example, prejudice or hearsay).</p>
<p>Freedom of faiths and beliefs</p> 	<p>It could be argued that science contradicts some faiths and beliefs. However, by upholding mutual respect and investigating varying sources, students are able to make informed decisions about their own stance on global issues and how these may interlink with their personal faiths and beliefs.</p>
<p>The rule of law</p> 	<p>Many learning opportunities in science will be framed by health and safety legislation. Opportunities will arise to discuss British law in this context. In Science we enable discussions about the wider world and global community. We discuss ethics and relevant legal debates within the modern scientific world.</p>