



Diversity in Science

Key Area	Evidence and Next steps
<p>1. Reference is made to the contribution of scientists from many cultures to the development of science and the use of scientific processes in all societies.</p>	<p>Staff inset to share the importance of diversity and useful resources/websites. Resources and useful websites/ research cards which promote diversity are available for teachers on the google drive. Next steps: Teachers to ensure to represent and expose children to scientists from all backgrounds, including those under represented in Science (race/ethnicity/gender/time/disabilities and minority groups).</p>
<p>2. Activities, tasks, experiments, materials and examples reflect the multicultural nature of society and relate to pupils' everyday experiences.</p>	<p>Activities , experiments and materials reflect the pupil's everyday experiences - pupil interviews/planning/lesson delivery Next steps: ensure consideration given to activities, talks, materials, will relate to build on cultural capital and reflect a multi-cultural society. Attitudes are encouraged that "Scientific talent" is achieved through positive learning attitudes promoted at Basildon School, eg. effort, reliance, problem solving and the COELs in EYFS. Science activities at Basildon encourage teamwork and working with others to encourage diversity Eg. whole school carousel of Science activities which includes working together. Visits/experiences promoting full inclusion of excellence from all pupils and relating to their lives (STEM week). Build on and build up children's cultural capital in science. Next steps: celebrate diversity during STEM week.</p>
<p>3. Representations of people engaged in science reflect a broad range of people from diverse ethnic groups.</p>	<p>Parents are invited in during science weeks to share how Science is relevant to their own lives, which will expose to different careers in Science.</p>



	<p>Document for teachers to record scientists covered and encourage diversity.</p> <p>Next steps: monitor diversity of scientists children are exposed to.</p> <p>Celebrate diversity in STEM week</p>
<p>4. Scientific method is utilised to explore and challenge racial stereotyping and myths e.g. to demonstrate that humanity cannot be divided into discrete racial groups.</p>	<p>Explore through evolution and inheritance unit.</p> <p>Workshops and visits, such as sublime Science, Perform, who challenge science stereotypes.</p>