

Harrow Gate Primary Academy

SMSC Statements: Science

Spiritual

Science supports spiritual development by providing many opportunities for children to think and spend time reflecting on the amazing wonders which occur in our natural world. Here at HGPA, we want our young scientists to explore the world around them at any given opportunity. We want them to be proactive in their exploration and take the lead on their own enquiries in the natural world.

Moral

Science supports moral development by showing children that different opinions need to be respected and valued. There are many moral and ethical issues that we cover in science including discussions about environmental and human issues. Our children are conscious about what materials we use in our enquiries and how we can re-use them. They look at reusable materials when planning and conducting enquiries to ensure that we, as a school, minimize our waste as much as possible. Our children feel strongly about topical scientific issues in the real world and can give their opinion on them with passion and carefully researched facts.

Social

Science supports social development by exposing children to the power of collaborative working in the science community which has led to some amazing and life changing breakthroughs in medicine. When undertaking a scientific enquiry and research children work collaboratively and are a team from the very outset. Our children are very aware that providing each of their team members with a set roll will maximize productivity and will have a positive impact on the enquiry outcome. At HGPA, our children are young scientists and understand that collaborative working is the key to scientific success!

Cultural

Science supports cultural development by looking at how scientists from a range of cultures have had a significant impact globally. It also helps children to understand how important science is to the economy and culture of the UK. Our children are excellent at using secondary sources to assist their research projects which they complete throughout an academic year. They go right back to the very start and find out who did what and why. They yearn to understand where discoveries came from and how they positively impact the modern world we live in today.