



The Divine Mercy RC Primary School - Science Curriculum Intent

“For there is hope for a tree, if it be cut down, that it will sprout again, and that its shoots will not cease.” (Job 14:7)

At The Divine Mercy we reflect the National Curriculum aims:

- A high quality science education provides the foundations for understanding the world through the specific disciplines of biology, chemistry and physics.
- Science has changed our lives and is vital to the world’s future prosperity, and all pupils should be taught essential aspects of the knowledge, methods, processes and uses of science.
- Through building up a body of key foundational knowledge and concepts, pupils should be encouraged to recognise the power of rational explanation and develop a sense of excitement and curiosity about natural phenomena and God’s great world.
- Children should be encouraged to understand how science can be used to explain what is occurring, predict how things will behave and analyse causes.

In this subject:

At The Divine Mercy, through the teaching of science, we encourage our pupils to appreciate the complexity of God’s world and to delve further into the amazing properties within it. Our pupils are inspired by Pope Francis who requests that we become ‘stewards of creation’ and look after our ‘common home’. Our aim is to make children aware that as future scientists they can make a valuable contribution to improve the world we all share.

We reflect on each science topic and evaluate its impact in different communities, contexts and times around the world. For example, comparing the impact of climate change and how we can contribute positively.

The children are instructed to follow the standard protocols for reporting in science, including mathematical/graphical data. Other opportunities arise whereby they can, for example, write biographies or write news reports to convey and share their understanding. We endeavour to provide the children with experiences which will ignite a passion to work to the best of their ability, ethically and diligently, in their future chosen careers. At The Divine Mercy, we enhance our science provision by introducing aspirational role models to the children and organising visits to inspirational vocation.

Science work is displayed in each classroom to celebrate the children’s learning and show value. We make children aware that scientific endeavour has been contributed to by persons of all nations, genders, and religious beliefs all for the greater good (in most cases) of the human family.

Jesus I Trust in You