

### Social development

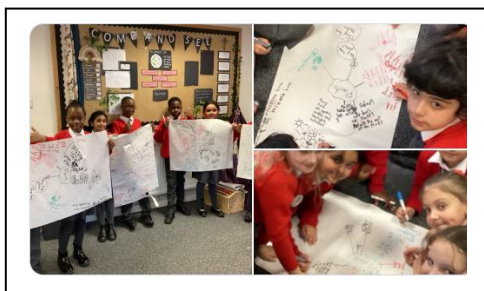
Children are developing their social skills whilst working as part of a team investigating scientific questions. They are able to collaborate to pose a question and find a solution by working scientifically. The pupils work together following the British Values of mutual respect and democracy to make decisions together when evaluating the effectiveness of circuits, materials, chemical reactions and how much force is necessary to move an object.



### Spiritual development

Pupils are able to reflect on their learning and challenge their thinking when evaluating their experiences. Whilst exploring the natural world, pupils are able to enjoy the fascination they create when being creative in their learning. The pupils are able to work with a range of tools and explore where their learning can take them. In dissecting a heart, the pupils reflect on surgeons and how intricate and fascinating their jobs are in order to heal people.

## SMSC in Science



### Moral development

Moral development is the way in which pupils challenge their world. They understand the difference between right and wrong when we are exploring animals including humans, living things and their habitats, Earth and Space and Evolution and Inheritance. Pupils are able to ask the questions of whether it is appropriate for animals to be in Zoos or should they be in their natural habitats? The pupils learn to give reasoned, informed views about ethical issues and they can appreciate the viewpoint of others and why the exploration may be necessary. At Sacred Heart, we understand the legal and ethical boundaries of testing and experimentation and the consequences they may bring.



### Cultural development

We celebrate our wide range of cultural influences that have shaped the history of Science. We explore the impact on Modern Britain and how scientific advances across the world contribute to our society. Our pupils will be able to explore environmental science and how countries around the world are making declarations on how to make a significant sustainable future. The pupils will be aware of how they can get involved and make a difference.