

SMSC Subject Statements



Subject: Science

Spiritual

Science at Endeavour Academy helps support pupil's spiritual development by providing opportunities for pupils to:

- Look for meaning and purpose in natural and physical phenomena
- Wonder about what is special about life
- Develop an awareness of the scale of living things from the smallest micro-organism to the largest tree
- Explore and recognise the interdependence of all living things and materials of the Earth.
- Wonder about the world, the vastness of space and the beauty of natural objects.

Moral

Science at Endeavour Academy helps support pupil's moral development by providing opportunities for pupils to:

- Develop an open mindedness to the suggestions and ideas of others
- Discuss and question the moral dilemmas that scientific developments may give rise to. For example, consider if humans should do all the scientific activities we are able to or whether morally we should decide not to (such as testing medicines on animals).
- Consider the environment and their responsibilities to it.
- Recognise and question the consequences of human actions e.g. development and use of single-use plastics, space exploration, seasonal changes etc.

Social

Science at Endeavour Academy helps support pupil's social development by providing opportunities for pupils to:

- consider the impact of humans on the world around them and start to look at what we can do to help the next generation have a habitable planet
- work collaboratively for example when carrying out scientific enquiries.
- take responsibility for their own and other people's safety
- recognise and understand ways in which science has a major effect on the quality of our lives
- consider the benefits of scientific developments and the social responsibility involved
- question stereotypes for example through exploring the challenges faced by women scientists working in scientific fields and gaining recognition for their achievements at a time when men and women did not have equal rights

Cultural

Science at Endeavour Academy helps support pupil's cultural development by providing opportunities for pupils to:

- recognise that scientific development comes from across the world, from people of all backgrounds and cultures
- identify the role scientists have played in our society