

SMSC in Science

At Lilleshall we aim to develop SMSC through science by

Spiritual

- Exploring the wonder about what is special about human life.
- Developing awe at the scale of living things from the smallest micro - organism to the largest tree.
- Appreciating the beauty of the world around them.
- Understanding how sometimes science and spiritual ideas do cause conflict but in a modern society it is important to understand why these conflicts arise so we can respect the views of others and move forward.
- Appreciate how all living things are interdependent and work together.

Moral

- Ensuring pupils realise that moral dilemmas are often involved in scientific developments.
- Understand the importance of how decisions made about the environment can have a huge impact on future generations.
- Explore moral issues linked to the use of products - should we test medicines for humans that could save lives on animals causing them cruelty?
- To develop open mindedness to the suggestions of others and to make judgments on evidence not prejudice.

Social

- Group practical work provides opportunities for pupils to develop team working skills and to take responsibility.
- Pupils must take responsibility for their own and other people's safety when undertaking practical work.
- Pupils are encouraged to consider the benefits and drawbacks of scientific and technological developments and the social responsibility involved.
- Pupils must consider their impact on the world around them and start to look at what we can do to help the next generation have a habitable planet.
- Develop an understanding that scientists work together on research projects towards a common goal.

Cultural

- Pupils will understand that scientific development comes from all across the world, from people of all backgrounds and cultures.
- Through the study of famous scientists an understanding that some of science's most important discoveries have come from other parts of the world.
- Pupils will explore how different needs in other parts of the world mean different scientific projects and developments occur.