Spiritual, Moral, Social and Cultural Links

Spiritual links in Mathematics include:

- Making connections between learning mathematical skills and application in a real-life context.
- Looking at pattern, order, symmetry and scale and relating this to: o meaning in religious contexts; o both man-made and natural objects.
- Completing activities which develop the children's critical and independent thinking skills when working through mathematical problems.

Moral links in Mathematics include:

- Listening to and responding appropriately to the views and ideas of others.
- Gaining the confidence to develop their own learning and having the confidence to cope with set-backs and learn from their mistakes.
- Taking the initiative and acting responsibly, with consideration for others when working independently, in small groups and as a whole class.
- Praising children for their critical and independent thinking in class when working on their own, as a small group or as a class.
- Engaging pupils in their learning through the resources they select and the independence they show in their learning.
- Helping children to recognise how logical reasoning can be used to consider the consequences of particular decisions and choices and helping them to learn the value of mathematical truth.

Social links in Mathematics include:

- Helping children to work together productively on complex mathematical tasks and helping them to see that collaborative working can, in some cases, be more beneficial than working independently to achieve the same outcome.
- Sharing resources in the classroom and negotiating of responses when solving problems in small groups and whole class.

Cultural links in Mathematics include:

- Encouraging children to ask questions about the history of maths – linked to the curriculum – Greeks, Maya, Romans.
- Helping children to appreciate that mathematical thought contributes to the development of our culture.
- Helping children to understand that mathematical thought is becoming increasingly central to our highly technical future.
- Helping children to recognise that mathematicians from many cultures have contributed to the development of modern day maths.