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| **Science** | We promote **spiritual** *development by* | We promote **moral** *development by* | We promote **social** *development by* | We promote **cultural** *development by* |
| Demonstrating openness to the fact that some answers cannot be provided by science.  Creating opportunities for children to ask questions about how living things rely on and contribute to their environment. Encouraging children to freely share their scientific thinking/ideas without any judgement.  Science fosters a passion in children to know more and to wonder about the word and aesthetically appreciate its wonders including for example, the enormity of space and the beauty of natural objects or phenomenon, plants, animals, crystals, rainbows, the Earth from space etc. | By offering children the chance to consider the wonder of the natural world and the inventions which have made the world a better place. Considering that not all developments have been good because they have caused harm to the environment and to people.  Encouraging children to develop open mindedness and tolerance for the suggestions and views for others. Children are supported to make judgements on evidence, not prejudice. Children recognise that environments can change and that this can sometimes pose dangers to living things. | Providing opportunities for talk in a range of settings including whole class, peer talk. Encouraging children to express their views and share these with their peers.  Engage children in practical group work which provides opportunities for children to develop team working skills and to take responsibility for their role in the group.  Children must learn to take responsibility for their own and other people’s safety when undertaking practical work. | Asking questions about the ways in which scientific discoveries from around the world have affected our lives.  Providing opportunities for children to think of scientific discoveries as part of our culture and how it has shaped the culture of the UK and our economy. Children are taught to appreciate the scientific discoveries of other cultures.  Children are taught to value cultural diversity and understand that science is an activity undertaken by a wide range of men and women in many different cultures both now and in the past. |