



# BISHOP LONSDALE CHURCH OF ENGLAND PRIMARY SCHOOL AND NURSERY



John 14:6: Jesus said, "I am the way and the truth and the life."

Our School believes in;

- **Enabling everyone to reach their full potential**
- **Developing a love for learning and a desire to achieve**
- **Encouraging everyone to become independent and confident, with a belief in themselves**
  - **Promoting Christian values and respecting diversity**

**B**ecoming **I**ndependent **S**uccessful **H**onest **O**pen-Minded People

## Science

Value	Reception	Year 1 & 2	Year 3 & 4	Year 5 & 6
Enabling everyone to reach their full potential	All children will have the opportunity to learn a range of important everyday, as well as specialist technical skills, that will help them in their future lives and careers. All children will be encouraged to try their best and helped to achieve each lesson outcome. All children will receive feedback, whether it is through adult support or with their peers, and be helped to evaluate their understanding, investigations and explanations, in order to improve. Children’s vocabulary will be broadened so that they can describe, explain and express themselves more accurately and precisely. They will gain valuable cultural capital through a growing awareness of significant ideas and concepts.			
Developing a love for learning and a desire to achieve	All children will get the chance to try new techniques and learn new skills through the activities they participate in as part of the curriculum. Children will be given activities which are fun, engaging and challenging, with opportunities to be creative in their designs and approaches. Where possible, activities will be linked to practical applications, to provide purposeful goals. Children will be able to explore their own interests more deeply by asking and answering their own scientific questions, designing and carrying out their own investigations.			
Encouraging everyone to become independent and confident, with a belief in themselves	All children will have opportunities to try different approaches to answering questions, exploring concepts and solving problems, through a variety of scientific activities and investigations. Staff will provide children with the support and guidance they need in order to feel successful, to cope with unexpected problems or respond to failures. This will help to develop their independence, confidence and resilience.			
Promoting Christian Values and respecting diversity	Children will be praised and rewarded when they independently demonstrate these values on a consistent basis. Where possible, explicit links to these values will be made in the activities and the context in which they are presented. Children will be shown a diverse range of role models who work in the subject and be able to see a range of people like themselves reflected in the resources used.			