



# Curriculum Overview: science

Holding God's hand,  
we grow in faith together,  
we dream, believe, achieve.  
Following the footsteps of Jesus,  
we act with love,  
we care for one another  
and our world.

| SCIENCE CURRICULUM OVERVIEW  |   |   |
|--|---|---|
| Nursery and Reception  |   |   |
| We use the children's interests as our topics, rooted in familiarity, around the following themes: Me and My Family, Immediate Environment and Everything In It, Community and The Wider World, and Fantasy and Make Believe to teach the seven areas of learning. |   |   |
| YEAR 1   |   |   |
| AUTUMN   | SPRING  | SUMMER  |
| Seasonal Changes<br>Everyday Materials   | Sensitive Bodies<br>Comparing Animals                         | Plants<br>Investigating science through stories   |
| YEAR 2   |   |   |
| AUTUMN   | SPRING  | SUMMER  |
| Habitats<br>Microhabitats  | Uses of Everyday Materials<br>Life cycles and Health          | Plant Growth<br>Plant-based materials   |
| YEAR 3   |   |   |
| AUTUMN   | SPRING  | SUMMER  |
| Movement and Nutrition<br>Forces and Magnets   | Rocks and Soils<br>Light and Shadows                          | Plant Reproduction<br>Does hand span affect grip and strength?                                  |
| YEAR 4   |   |   |
| AUTUMN   | SPRING  | SUMMER  |
| Digestion and Food<br>Electricity and Circuits   | States of Matter<br>Sound and Vibration                       | Classification and Changing Habitats<br>How does the flow of liquids compare?                   |
| YEAR 5   |   |   |
| AUTUMN   | SPRING  | SUMMER  |
| Mixtures and Separation<br>Properties and Changes  | Earth & Space<br>Life Cycles and Reproduction                 | Unbalanced Forces<br>Human Timeline<br>Does the size of an asteroid affect its impact strength? |
| YEAR 6   |   |   |
| AUTUMN   | SPRING  | SUMMER  |
| Classifying big and small<br>Light and Reflection  | Evolution and Inheritance<br>Circuits, Batteries and Switches | Circulation and Health<br>Are some sunglasses safer than others?                                |

