



## Science Curriculum Statement



### College Park Infant & Lyndhurst Junior Schools

Setting out the curriculum that we have selected as most appropriate for our pupils, that will support them to achieve our vision & aims, as our mottos state '*Children Playing, Improving & Smiling*' on a '*Learning Journey to Success*'.

#### **Intent**

*At College Park Infant and Lyndhurst Junior Schools, we believe that every child within our schools, will achieve a high level of scientific knowledge. Our aim therefore, is to equip our children with the knowledge and skills needed for them to be confident in developing an understanding of the scientific world around them. We want our children to enjoy and be inspired by science, striving to understand and explain the phenomena of life using investigations, observations and experimentation.*

#### **Implication**

*Science starts in the Early Years Curriculum and is developed though their school time following the statutory requirements of the KS1 and KS2 programmes of study from the National Curriculum. To begin with children use their senses to explore and answer question about the world around them. They then develop their scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics. We will do this by developing a more thorough understanding, through different types of scientific enquiry, by asking and answering questions about the world around them with increasing depth.*

*College Park and Lyndhurst both include their science teaching in a topic based curriculum. This enables both schools to deliver the science curriculum in an enjoyable and significant way, whilst still ensuring a high quality of knowledge and understanding. The pupils are increasingly given the scientific language and key concepts so that they can explain, predict and analyse what they see in the world around them. Any areas of the science curriculum not taught as part of the topics will be addressed in stand-alone lessons so that every child is given the chance to develop and broaden their scientific view of the world around them.*

*In both schools the children will be given the opportunities to develop a variety of scientific methods through observation, spotting patterns, grouping and classifying, carrying out simple comparative and fair tests. They will be able to use secondary sources of information to conduct their own research.*

#### **Impact**

*Both College Park and Lyndhurst schools are developing an assessment schedule, for future use, to show progression.*