

## Science – mission statement

Planning for science is a process in which all teachers are involved to ensure that the school gives full coverage of the National Curriculum. We have carefully adapted and extend our curriculum to match the unique circumstances of Rook's Nest Academy. The school teaches Science weekly throughout the year often through the Learning Challenge curriculum (such as forces and electricity with The Industrial Revolution). The academy has worked to ensure that alongside full coverage, core scientific skills are built on through the Key Stages. Children move through the year groups, acquiring a bank of scientific vocabulary and understanding. This will complement the whole school focus on practical investigations. Children developing their own hypotheses and investigating their own experiments is a priority as we work towards our children becoming resilient learners. Content is taught carefully and thoroughly and is introduced in the phase areas set out in the National Curriculum: Key Stage 1, Lower Key Stage 2 and Upper Key Stage 2. Scientific enquiry, known as 'Working Scientifically' in the 2014 curriculum, is taught through and embedded within the content of Biology, Chemistry and Physics. Reception children are taught Science as set out in the renewed EYFS framework.-

Although Covid may have changed the way certain aspects of science are taught in the school: we are determined that coverage and more importantly the children's enjoyment of hands on science is not neglected. We endeavour to use our outdoor space as a natural science lab, Moving lessons and tailoring experiments so that learning continues in an exciting and safe way. We carefully planned this year's science to include those elements missed through the lock down.