Our aim at St Barnabas’ School is that all children aspire to master a broad range of skills, knowledge and understanding relating to Science and Computing. In Science, pupils will study a range of subjects relating to Physics, Biology and Chemistry. In Computing, Digital Literacy, Information Technology and Computer Science will be focussed upon. Teaching and learning will aim to stimulate curiosity as well as to promote the critical and logical thinking required to solve problems. The Science and Computing Curriculum is aimed to deepen pupils’ appreciation and understanding of the world around them and will encourage pupils to believe that their actions can directly shape our future. Scientific and logical thinking will be promoted through observation, questioning, hypothesising, testing, and recording. As part of the Science and Computing Curriculum, pupils will read a rich variety traditional and digital texts in order to deepen their subject knowledge as well for enjoyment. Pupils will write, record, present and create programmes designed to express their ideas as well as the thoughts of others. The Curriculum will encourage pupils to appreciate the utility and aesthetics of Science and Computing and will afford pupils with the opportunity to create pieces of learning which are both useful and/or beautiful. Pupils will be taught to identify and manage risk when conducting scientific investigations and working online. The Science and Computing curriculum will highlight the positive and negative impact that technology has had on our society and will support pupils to make informed decisions relating to the role that technology plays in their own lives.