

Exploring and Discovering

Computing: At St Breward, we recognise that 'Computational thinking' is a skill which children must be taught so they are ready for the future workplace and to take part in the rapidly changing digital world. The knowledge our children gain in Computing allows them to solve problems, design systems and explore and understand the endless possibilities of today's computer based technology. Digital Literacy prepares them for life after school and is the foundation for real life computing, the learning at St Breward is the first steps for our children to build their confidence going out into the world.

DT: As part of our Creative Curriculum at St Breward, Design technology enables children to apply knowledge and skills from other subjects, such as Maths, Science, history, Art and computing. Skills are developed using tools and techniques to design and make products or artefacts. Cooking and nutrition are important part of the DT curriculum and learning how to cook equips children with a crucial life skill. Through the teaching of Design Technology, our children learn how to take risks, evaluate and modify ideas, be resourceful and inventive.

Science: At St Breward, Science is taught through engaging lessons, practical experiments, visits, talks and links with our local community. Our Science curriculum builds knowledge and develops children's vocabulary and understanding of the world through first hand experiences and exploration. We strive to provide an environment where children are willing to take risks and are given the opportunities to develop their scientific enquiry skills using precise language. We want to inspire and challenge our pupils to become independent thinkers, who use their knowledge of Science to develop their understanding of the world in which they live.