Design & Technology at Wyke Regis Primary Federation

Intent Statement

"Design is a funny word. Some people think design means how it looks. But of course, if you look deeper, it's really how it works." Steve Jobs.

"Technology makes possibilities. Design makes solutions." John Maeda.

We aim beyond the requirements of the National Curriculum for Design and Technology; providing a broad, balanced and differentiated curriculum; ensuring a progressive development of Design and Technology concepts, knowledge and skills.

We have designed our Design and Technology curriculum to be inspiring and practical, providing our children with a real life context for learning. Skills are taught progressively to ensure that all children are able to learn and practise in order to develop as they move through the school. The children are taught to combine their designing and making skills with knowledge and understanding in order to design and make a product.

We choose important threads that link the learning from the Foundation stage to the end of Year 6. In Design and Technology, those are designing, making and evaluating. These are important for our learners because at each stage, a range of skills are being practised. Evaluation is an integral part of the design process and allows children to adapt and improve their product.

Through our Federation curriculum drivers, Design and Technology will develop the children's creativity by allowing limitless thinking during the design stage, build resilience by solving real life problems at all stages of the process, and raise their aspirations by being inspired by engineers, designers, chefs and architects to enable them to create a range of structures, mechanisms, textiles, electrical systems and food products with a real life purpose. We want children to aspire to be more through creating awareness of the opportunities for them in the wider world.

We make our Design and Technology learning inclusive to all learners by adapting the support provided to enable all children to make a finished product that is their best work - something to be proud of.

To enrich the learning opportunities further in Design and Technology, we plan opportunities for children to work towards a goal for a real purpose, such as events for our families to join in with.

We want our learners to be solutions-based, reflective and adaptable learners; all learning qualities that are enhanced through the Design and Technology process.