

Intent

At The Blue Hills Federation, we intend to build and deliver a high-quality Design and Technology curriculum, which fosters the enjoyment, satisfaction and purpose in designing and making products and in learning how to cook. Through the acquisition of appropriate knowledge and skills, we aim to develop children's creative, technical and imaginative thinking so that they can design innovative, thoughtful products for a range of users. Children will have the opportunity to apply their growing body of knowledge and skills in order to design, make and evaluate their own ideas and products. They will also understand how to apply the principles of nutrition and learn how to cook independently. Our aim is for children to become resourceful, innovative and competent young designers, who are given the opportunity to explore their own ideas and develop the creative and practical skills required to solve real and relevant problems.

Implementation

To ensure high standards of teaching and learning in Design and Technology, we implement a curriculum offer that is progressive throughout the whole school. Progression in skills and knowledge are clearly outlined in our Design and Technology progression grid, which maintains strong links to the National curriculum. To support the implementation of the Design and Technology Curriculum. The Federation uses the planning formats provided by the Design and Technology Association. Design and Technology is taught as part of a termly topic and each project should follow the design, make, evaluate process teaching cooking Teachers use the progression grid to select an appropriate project that encompasses the knowledge and skills suitable for their topic. Our Design and Technology curriculum is divided into five categories: Structures, Mechanisms, Textiles, Electrical Systems/Computing and Cooking & Nutrition. Our curriculum is taught on a two-year cycle). Within this cycle, each year group will complete at least one cooking project and two projects from the other categories ensuring all phase objectives are covered over the two-year period. Where appropriate, we make cross-curricular links so that projects have a meaningful context and build on children's knowledge in other subjects. In order to plan for repetition and building of prior knowledge, teachers are expected to know what has been taught previously as well as having a secure understanding of what needs to be taught. Teachers are provided with at least an additional three planning days per year, to plan the following terms curriculum with their phase partners across the Federation. Subject the subject Formal, summative assessment in Design and Technology takes place at the end of each year stating whether children are working towards age-related expectations, are working at age-related expectations or are working at greater depth. Formative assessment takes place continually throughout the year: assessment for learning is used to ensure lessons are pitched appropriately and to inform future planning.

Impact

Our Design and Technology curriculum is planned to demonstrate clear progression. Thoughtful planning of progression enables children to develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world. All children will leave The Blue Hills Federation equipped with the skills to prepare and cook a meal as well as understanding the importance of a healthy and varied diet. Children will be able to apply their knowledge, understanding and skills to design and make products of increasing quality. They will also understand that designing and making is an iterative process and will develop the skills to evaluate and improve their products throughout and following a project. This will be evident through pupil voice, where

children will confidently be able to talk about the skills and knowledge they have acquired and work will display the range of topics covered and clear cross-curricular links. At The Blue Hills Federation, we are aware that a high-quality Design and Technology curriculum offer makes an essential contribution to the creativity, culture and well-being of every child now and in later life.