

DT
Curriculum
Statement

2022/2023



Curriculum Statement - DT

Intent

At West Road we believe that design and technology is an inspiring and practical subject. It can be found in many of the objects children use each day and is a part of children's immediate experiences. We would like to encourage our children to learn to think creatively to solve problems both as individuals and as members of a team. We want our design and technology curriculum to encourage our children to use their creativity and imagination in order to design and make products that solve real and relevant problems within a variety of contexts. They should be able to consider their own and others' needs, wants and values. Design and Technology is, by nature, a creative and imaginative subject which develops an understanding of knowledge, skills and independent learning. We seek to inspire children to think independently, innovatively and develop creative, procedural and technical understanding. The design and technology curriculum aims to provide children with opportunities to research, represent their ideas, explore and investigate, develop their ideas, make a product and evaluate their work.

Implementation

Design and Technology at West Road is taught through the Kapow scheme in half termly blocks throughout the year, with the aim that children can achieve depth in their learning. Through the long-term plan and teaching sequences we have identified the key knowledge within each blocked topic and consideration has been given to ensure progression across topics and year groups. This is presented to the children through knowledge organisers which map out the key content of a unit. At the beginning of each unit the children complete a pre-assessment task/quiz and a knowledge catcher, this can then be completed again at the end of the unit showing progression and checking understanding. Consideration is given to how children of all abilities can demonstrate learning within each lesson in line with the school's commitment to inclusion.

The Design and Technology curriculum combines skills, knowledge, concepts and values to enable children to tackle real problems. It can improve analysis, problem solving, practical capability and evaluation skills. We aim to, wherever possible, link work to other disciplines such as mathematics, science, ICT and art.

Impact

Outcomes in DT books, should evidence a broad and balanced DT curriculum and demonstrate children's acquisition of the key skills designing, making and evaluating as well as the technical skills needed when cooking. Children review their successes in achieving the lesson objectives at the end of every session and are actively encouraged to identify their own target areas through evaluating. Children also record what they have learned comparative to their starting points at the end of every unit. As children progress throughout the school, they develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world. Children learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens. Through the evaluation of past and present design and technology, they develop a critical understanding of its impact on daily life and the wider world.

