



Design Technology Guidance

Subject Leader - Rachel Metcalfe

Curriculum Structure

DT is taught through the theme, linked to the Science skills or taught discreetly, depending on appropriateness. Often, DT is taught through a series of days or a blocked week. Children develop their skills and knowledge across a broad range of topics: materials and structures, electrical systems, cooking and nutrition, mechanisms, textiles and control. The Design, Make and Evaluate skills and knowledge and taking inspiration from design throughout history is intertwined with all topics.

DT follows a clear progression through exploration and planning, devising a method, developing skills and making, followed by evaluation and improvements. We follow a clear knowledge, skills and vocabulary progression to ensure that children's skills in all aspects of DT are built on year on year.

Planning and Assessment

Teachers use a knowledge and skills progression to guide planning and to ensure that they build on prior learning. This includes clear endpoints which form the basis of assessment. Assessment is monitored by the subject leader.

SEND

Children with SEND are differentiated for in DT lessons with additional support for specific needs such as fine motor skills. Where children have IEP targets relating to fine motor skills, their intervention often takes place within DT lessons so that the skills they are practising are meaningful and are practised in context to make them more transferable. Clear explanations and demonstrations of activities are given with visual, spoken and written prompts to aid children who may have processing difficulties. There are often occasions where children who struggle with more academic subjects may excel in DT and this is celebrated and viewed as a key way to develop self-esteem and confidence which may transfer to things that they find more challenging.

Celebration

The school celebrates children's creative development in DT and fosters links with a growth mindset attitude and all the Planet Inspiration characters, with a focus on Creativity. Regular successes are shared and displayed on the class pages of the school website.