Our Design and Technology Vision

Our GEM threads

Values: Our children will adopt and celebrate the schools GEM powers

Knowledge: Our children will learn an enriched and ambitious curriculum

Progression: Our children will 'do more, know more and remember more.'

Language and vocabulary: Our children will use oracy to be confident communicators

Experience rich: Our children will receive culturally diverse opportunities to thrive.

Why is it important to teach Design and Technology?

Design and technology is an inspiring, rigorous and practical subject. We want all pupils to experience the enjoyment of Design and Technology and develop a sense of curiosity about the subject. At Blakeney, Pillowell and Walmore Hill, we foster positive 'can-do' attitudes and believe all children can achieve in Design and Technology. We aim to provide all children with a fun, broad and balanced curriculum which prepares them for life beyond primary education. We encourage children to use their creativity and imagination, to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. We actively encourage our children to be critical thinkers, forward planners and effective problem solvers. We also teach our children to be able to work as capable individuals and as part of a valuable, productive team. Resilience is a key theme running through our DT curriculum, and the children are encouraged to become innovators and risk takers.

Our Design and Technology Intent

In DT we aim for pupils to:

• develop imaginative thinking and to talk about what they like and dislike when designing and making;

• talk about how things work and to draw and model their ideas;

• select appropriate tools and techniques for making a product while following safe procedures;

• explore attitudes towards the made world and how we live and work within it;

• develop an understanding of technological processes, products, manufacturing and their contribution to our society;

• gain enjoyment, satisfaction and purpose in designing and making.

Design and technology is taught in all year groups in line with the curriculum entitlement. Pupils 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.