

Design Technology at Icen Primary Academy



“Design is not just what it looks like and feels like. Design is how it works.” — Steve Jobs



Intent

At Icen Primary Academy, Design and Technology (DT) is an inspiring and practical subject. Using creativity and imagination, pupils design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. A wide range of technical knowledge and skills are taught to inspire students. We endeavour to make technology accessible, inclusive and meaningful through diverse approaches to creative and technological innovation.

Implementation

At Icen, we have 'Wonder Wednesday' sessions to provide students with the opportunity to design, create and evaluate theories whilst taking 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.

Impact

Ongoing formative assessment is embedded throughout the year, guided by our *Powerful Knowledge and Skills* framework. Teachers continuously monitor pupils' progress, using this insight to inform planning and ensure that each child is appropriately supported and challenged. Assessment data is reviewed termly to identify trends, address gaps in attainment, and adapt teaching strategies accordingly. This reflective approach ensures that learning is responsive and inclusive, enabling all pupils to make sustained progress in their DT development.

Marking and Feedback

Work is marked according to the school marking policy by using

- Peer and self-assessment
- Oral feedback
- Written feedback

Inclusion

At Icen Primary Academy, we are committed to ensuring that every child can thrive. We adapt teaching and learning to meet the diverse needs of all learners, including those with Special Educational Needs and Disabilities (SEND). Our inclusive approach ensures that children receive the support and resources they need to succeed in every aspect of their education.

Our staff work closely with families, external agencies, and specialists to ensure that provision is continually reviewed and refined. We believe that with the right support, every child can achieve their full potential.

Our SEND Information Report is available on our website. Please ask if you would like us to print a copy out.

EYFS

Children in Early Years will learn DT through first-hand experiences. They are encouraged to explore, observe, solve problems, think critically, make decisions and talk about why they have made those decisions. This development requires regular and direct contact with the natural, built and virtual environments around the child and engaging children in collaborative activities which promote inquiry, problem-solving, shared decision-making and scientific approaches to understanding the world.

Link to the National Curriculum

[National Curriculum - Design and technology key stages 1 to 2](#)

If you require further information, please do email icenprimary@attrust.org.uk