



Mithian Primary School

Design and Technology

INTENT

Our Design and Technology curriculum is, as required by the National Curriculum 'focused on using creativity and imagination'. At Mithian we have a Design and Technology curriculum which is practical and progressive developing and building on skills. We provide pupils with opportunities 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 strive for our pupils to "EMERGE from Mithian as a lifelong learner" having acquired knowledge to help them to use emotional intelligence, motivation, self efficacy, resilience, grit and enthusiasm for both learning and life. We value these skills in Design and Technology and encourage our pupils to take risks, be resourceful, innovative and enterprising.

IMPLEMENTATION

Design and Technology curriculum at Mithian is taught through following the national curriculum and creating bespoke topics for our children. To ensure variety and breadth as well as progression of skills design and technology objectives at Mithian are on a two-year rolling programme. Each class has a minimum of three design and technology topics per year. Each year group undertakes a construction topic, a textile topic and a food/drink topic. Children learn how their knowledge in other subject areas supports them in their design and technology activities. They evaluate past and present design and technology, understanding its impact on daily life and the wider world.

IMPACT

The positive impact of our Design and Technology curriculum is that children' EMERGE from Mithian as lifelong learners' being able to perform everyday tasks confidently, including understanding healthy food choices and how to cook. When they leave Mithian children are able to design and make products for different users using a wide range of skills they have built on and developed over time. Children are confident to evaluate and test their ideas, products and the work of others.