

## The curriculum will look like (intent /implementation)

Design and Technology at The Croft is taught in either weekly hour lessons or in a block - this can be at the teachers discretion. Where possible Design Technology is planned around the termly topic, as this contributes to the enjoyment and engagement of the termly theme. However, in some instances they may be stand alone lessons in order for the National Curriculum to be covered. Design Technology may be taught by the class teachers or a designated HLTA's depending on expertise. During Design Technology lessons, the children develop not only a range of skills but they also develop creative, technical and practical expertise. They are given opportunities to design, make and evaluate the products which they have made based on a given design brief. Within each unit, the Croft pupils learn about key designers from different periods in time and cultures. They learn about the impact designers have on our world, exploring some of their work and using this as a basis for their own. The key principals of Design Technology at The Croft is research, design, skill development, make and evaluate. This process is revisited frequently across the key stages and build on from their initial explorations in Reception class. Embedding this design process throughout the school is paramount to the effectiveness of the Design Technology Curriculum. We evidence this process through a sketchbook style technique which illustrates the pupils progress through the unit. Our curriculum builds on previous skills taught and as each child progresses through the school, their skills in designing, planning, constructing, cooking and evaluating improve irrelevant of their starting points or abilities.

## Outcomes (impact)

The Croft children are confident to participate successfully in an increasingly technological world. Our Design Technology curriculum is embedded in our school vision and our children are creative and courageous to experiment with new things. Through Design technology lessons, not only do they develop and improve practical, design and evaluating skills, but they also enhance their resilience, problem solving skills and team work.

Attractive displays are placed around the school which showcases the children's work, this boosts self-esteem when the children see their work on display. When the barriers of English and Maths are removed, many children can really shine and this is something we celebrate at The Croft. Our ever developing curriculum, means that our pupils are able to design and make high quality products for a wide range of uses, they develop in confidence to critique their work and others work and also they develop skills which enable them to solve real and relevant problems that they face as they progress through school and later life. By giving them the opportunity to take risks, they become resourceful, innovative, enterprising and capable citizens.

## The Croft Primary School Intent, Implementation & Impact for Design Technology

## Links to whole school improvement

The continual development of our Design Technology curriculum is a high priority for the coordinator. A process of plan-do-review takes place where the coordinator plans the overviews, evaluates the outcomes and reviews for the following year. Then an action plan is produced with clear aspirations for the subject. Often Design Technology will feature on the School Development Plan and the coordinator works with the SLT to create a plan which supports whole school development. Governors are involved in evaluating the success of the SDP and they are keen to see the work of our children. Our successful Design Technology curriculum supports positive mental wellbeing - developing resilience when things go wrong, problem solving skills and self-evaluation. At The Croft children's work is celebrated and self-esteem is boosted as English or Maths skills do not act a barrier for learning in the subject. A new action plan will be created for the following year.

## Extra-curricular provision

The Croft offer a construction club to our Reception and Key Stage 1 pupils. This inclusive club is over subscribed and gives its members the opportunity to design and build using a range of different materials and resources. Key Stage 2 pupils have the opportunity to explore Design and Technology Tasks on their residential (Year 4 and Year 6). These team building activities based around design, show how effective children are at collaborating, compromising and working with others to meet a design brief. Both Key Stage 1 and Key Stage 2 children can join cookery club where they learn about food hygiene, effective food preparation and they get to make a range of simple savoury and non-savoury dishes to take home.

Our Crafty Crofters Club provide engaging construction tasks for their members to take part in - this unstructured session enables children to display their creative and imaginative side.

Each half term, the class teacher sets an open ended homework based on the topic. Children often select an Art or DT task to complete, displaying their enthusiasm for the subject.

With in the school day, Lego therapy is used as a social skills intervention. Some SEND children also use construction resources, such as Lego to as effective brains breaks throughout the day.

## Links to the wider community

The Croft seek opportunities to work with the local high schools and primary schools. Annually, Year 5 pupils take part in a 'design day' at The Hart School where they get the opportunity to use a range of resources and equipment to design and make a product to take home. We enrich our curriculum by using outside agencies, for example The Canals Trust and The National Space Centre. Companies such as these enable pupils to explore design and evaluate products and meet 'real' people who work with design. In each year group, parents are invited in to complete a parent-pupil workshop - this will often be an art or Design based project, such as "The Croft Café' where the children served the parents apple crumble that they had made and then the parents evaluated it.

Children's work is displayed throughout school and visitors have the opportunity to view their child's work at open evenings, parents evenings and or via social media. Parents also fully engage with our Easter Eggstravaganza competition and our class Christmas tree competition, where they voted on the best tree.