



Crockerne C of E Primary School

DT at Crockerne Church of England Primary School



What drives our curriculum?

Rigorous –we challenge the children by asking them to think about the product they want to create before creating it. For example when building a waterproof house in year 1, the children were acquainted with the available resources first, then drew a picture of their vision for an end product, labelling it and considering how they would join their materials. Once a product is finished the children review their work, asking themselves what they would do differently and why.

Engaging – the DT in our school relates to the project the children are engaged in, making their visions purposeful and therefore inspiring. The children make links with learning in other areas, applying new knowledge to the world around them. For example children in year 5/6 used their knowledge of WW1 and WW2 to design and make a permanent Poppy Remembrance garden for the school and a wreath for the church.

Authentic – Children at Crockerne leave a legacy at the end of each project which lives on after the project has ended. Children have made poppies to commemorate the world wars, land rafts that can be played with at home and they have made delicious foods lending consideration to nutrition and how we can stay healthy. Outside experts have also visited to help us apply our learning to real-life issues.

Learning – DT is a STEM subject and allows children to use knowledge from science and maths to inform and consolidate their learning. Before children could build a waterproof house we tested materials to see which ones would work and those that wouldn't and discussed why.



Sequencing of content

Children are taught knowledge to inform the projects they engage in. The DT activities are age appropriate and progressive, with each year building on learning from previous years. Equipment used becomes more sophisticated as the children journey from the foundation stage to year 6.



Big ideas

- To build land or sea crafts
- To create a banquet of nutritious meals with consideration for ingredients and improvements once tasted
- To build functional bridges
- To invent a bread to be included on school menu
- Making frames to encase artwork for display
- Making poppy wreaths to commemorate remembrance day



Deepening Concepts

- Designs that are meaningful – plan / research
- Make Creations that are fit for purpose
- Analysing where improvements should be made to address issues with completed product – kinaesthetic approach
- Knowledge of skills and language



Retrieval Practice

- Children take part in regular mini quizzes and retrieval practice to strengthen their memory.
- Remembering information and knowledge is celebrated as part of our learning culture.