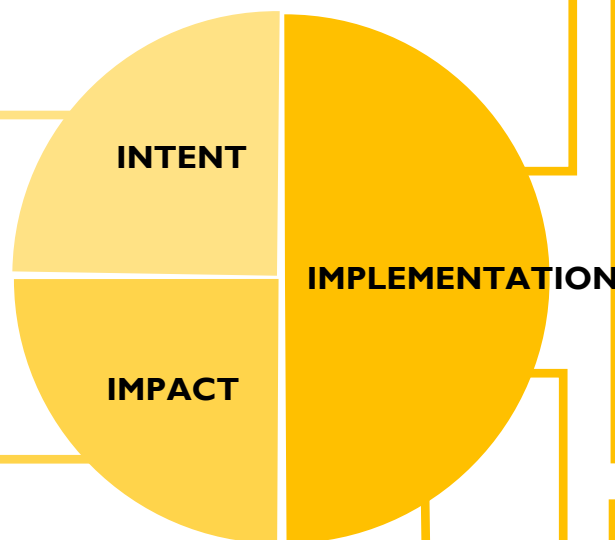




Design and Technology



Our Design and Technology curriculum:

- Equips children with knowledge and practical skills which aim to prepare them for a future in an increasingly technological age.
- Children take part in engaging design products, using creativity to solve real and relevant problems within a variety of contexts.
- The range of unit topics as children progress through the school, reflects our diverse community, drawing inspiration from different cultures as well as making links with other curriculum areas including mathematics, science, history and art.
- Allows all children opportunities to take risks in order to become increasingly resourceful and courageous learners.

- We use a range of summative and formative assessment strategies to support children's progress in Design and Technology.
- Learning is recorded and monitored using a Design and Technology floor book in which each class collects a range of photographs, written work, drawings and children's reflections.
- As part of the evaluation process in this subject all children reflect on their learning and can talk about their progress. They develop an understanding that design and technology plays a vital role in daily lives and the wider world.

Inclusive for all

We provide opportunities for children to learn in different ways

- Group work and collaboration
- Independent work
- Asking questions and developing curiosity
- Use of technology if appropriate
- Create a 'safe' and inclusive culture where it is ok to make mistakes and learn from them

What Makes a Cringleford Designer?

- From EYFS into Year 1 – 6 children complete at least three Design and Technology units across each year. These always include one unit of textiles, one of cooking and nutrition and one of construction.



- For each unit children follow a process of designing, making and evaluating.



Units are sequenced throughout the year groups and planned to build key skills and knowledge on previous learning.



As part of their work with food children learn cookery skills and apply principles of nutrition and healthy eating.

Accessible for all

Strategies we use in DT to support SEND and EAL children

- Modelling activities clearly
- Breaking tasks down into small manageable steps which can be referred back to.
- Providing visual and auditory aids
- Peer and adult support and feedback
- Pre teaching and practising skills
- Providing space for independent work
- Adapting equipment for ease of application and use.
- Providing key vocabulary to enable children to discuss their work and the work of others

DESIGN AND TECNNOLGY AT CRINGLEFORD CE VA PRIMARY SCHOOL

	Autumn	Spring	Summer
EYFS	Make shadow puppets Bread making	Design and make and test sleds Make a bridge Make houses for 3 pigs	Experiment with pulleys, create baskets Make a boat that can float
Year 1	Sock toys	Moon buggies	Moving Picture Pasta Salad
Year 2	Dragon Puppets Flying Machine	Fabric Bookmarks	Fruit Salad
Year 3	/	Edible Garden Embroidery Sewing Project	Kites
Year 4	/	Bendy Bags Bridge Building Challenge	Egyptian Food
Year 5	Felt Christmas Decorations	Pottage	Harry Potter Sweet and Packaging
Year 6	/	Cloth Bag Greek Food	Electric vehicle