

Design Technology

At Millbrook Infant School it is our intent that our design technology curriculum encourages children to use their creativity and imagination to design and make a variety of products.

We want our children to have opportunities to reflect and evaluate upon their own work as well as that of others so that they can be inspired by them.

In EYFS we want children to:

- be able to use and explore a variety of materials, tools and techniques and be able to discuss their ideas
- be able to build structures and explore how they can be made stronger
- share their creations with support and explain the processes they have used
- be able to talk about the importance of a healthy diet and use cutlery to learn the technique of cutting

In KS1 we want children to:

- evaluate existing products and mechanisms to support design decisions • design for a variety of purpose, selecting from a range of materials and techniques
- be able to talk through the processes needed, and be able to evaluate their work throughout the process
- select appropriate tools and materials and use effectively
- through practical experiences of preparing food, develop a knowledge of where food comes from and how it can be used

We follow the EYFS statutory framework and National Curriculum to shape our learning. During EYFS the children are taught specific skills and techniques which they have opportunities to apply in teacher led and child initiated tasks. They will have opportunities to use a variety of construction materials to build structures of different scales, both within the classroom and using our outside environment.

In Key Stage 1 the children refine and develop their skills further. They complete a variety of projects from design to finished product. During these processes different elements are given a stronger focus to ensure all the skills are developed during the two years of the key stage.

Through observing children working, listening to children's thoughts, questioning and marking work we will assess the impact of our teaching. We assess the children's acquisition of skills and knowledge in design technology.

Subject Leader: Ella Barber

Reception (Expressive arts and design)	Joining techniques Small construction Designing and Evaluating Cutting and joining Cooking and nutrition: fruit and vegetable smoothies Creating simple models/ objects
Year 1	Sliders Fruit Salad Moving Pictures Playground Equipment
Year 2	Healthy Wraps Owl Puppets Making Vehicles