



DESIGN AND TECHNOLOGY CURRICULUM INTENT

Design and technology is an exciting and creative subject. Our aim is to encourage children to solve real and relevant problems as individuals and members of a team. Our lessons will have a variety of contexts considering their own and others' needs and wants and values. Work will be linked to other disciplines such as maths, engineering, computers and art to encourage them to become innovators and risk-takers.

Our pupils will go deeply into their topics by evaluating past designs and interventions. They will also explore and evaluate present design and technology and invent their own gadgets and items for the modern and future world.

Mathematical links will be made. For example, designs and thinking about 3D shapes to support structures. The children are expected to be reflective and evaluate their work, thinking about how they can make changes and keep improving.

We will teach our children how to apply the basic principles of nutrition and understand what a balanced diet is and the impact on their wellbeing. We will demonstrate and teach basic cooking skills and the children will apply these to create their own products – evaluating them for taste, design, texture and appeal.

IMPLEMENTATION

Design and Technology is taught through carefully planned lessons that link to topics providing depth of study. Lessons will be progressive on a theme, and skills will be built upon as the children move through the school.

Children's work will be displayed to celebrate their work within their learning environment.

The pupils will be encouraged to innovate and become involved in enterprise activities that will shape our history.

IMPACT

Children's work will be displayed to celebrate their designs in their learning environment. Pupils will sketch in their individual sketch books in Key Stage One, and a separate one for Key Stage Two. This will allow children to see and appreciate their own progress.

We measure the impact of our curriculum through the following methods:

- Pupil discussions about their learning; which includes discussion of their thoughts, ideas, processing and evaluations of work.
- As pupils progress, they will be encouraged to think critically to evaluate and develop their art and design.
- A celebration of children's work through gallery days and art exhibitions on an annual basis to which parents and members of the village will be invited. (Children will have the opportunity to be curators).
- At our End of Year Playground Party (coinciding with Healthy Eating Week), all pupils will create and produce healthy picnic items to share with the school community.