



Rationale/Key Principles:

Design and Technology enables children to identify specific needs for products, product expectations and ways of addressing these expectations through opportunities for design and technology activities within their own environments. Children will develop their capabilities through combining their design and making skills with knowledge and understanding, in order to create a quality product that achieves its requirements.

In our school we intend for:

- Pupils to develop their understanding of the need for a product, the requirements expected of that product, designing and making the product and its evaluation
- Pupils to develop the skills needed to create a product from the ideas and planning stage, to the final product and its evaluation
- Pupils to enjoy the challenge of applying knowledge from any subject and translating it into an efficient product
- Pupils to identify how the advances in design and technology have shaped our lives, its advances creating the world we live in today

Implementation:

- Pupils will be given opportunities to work with a range of equipment and materials appropriate to the task including electrical and mechanical components, food, mouldable materials, stiff and flexible sheet materials, and textiles
- Each project will be risk assessed by the class teacher/key stage to ensure pupils are taught to be responsible with materials and equipment, for the safety of themselves and others
- We will follow the schools approach to teaching and learning

To evaluate the impact:

- We will follow the school's Assessment policy.
- The subject leader will monitor the outcomes from each assessed unit of work in order to feed into, and improve, subsequent units of work.
- The subject leader will monitor planning of key units of work (a minimum of once yearly.)
- The subject leader will conduct a scrutiny of children's work, as per the monitoring policy.
- The subject leader will produce and implement an annual action plan to improve standards in the subject.
- The subject leader will produce an annual report on standards across the school and key issues for development. The report will go into the Governors Teaching and Learning Committee and feed into the School Improvement Plan.

Date ratified: July 2022

Signed: _____ Headteacher

Signed: _____ Chair of Governors