

Design and Technology at KS2.

Aims and Purposes of Design and Technology -

Design and technology offers opportunities for children to:

- develop their design and making skills.
- develop their knowledge and understanding.
- develop their capability to create high quality products through combining their designing and making skills with knowledge and understanding.
- nurture creativity and innovation.

Content of design and technology at KS2 -

Children acquire and apply knowledge and understanding of:

- materials.
- structures.
- existing products.
- quality.
- health and safety.

Children:

- develop design skills.
- acquire and refine practical skills.
- apply mathematical skills.
- apply art skills.

Language and Communication.

Children:

- develop language skills through describing and explaining.
- develop drawing skills.
- use appropriate technical vocabulary.

By the end of KS2 most children will be able to:

- use knowledge and understanding of a range of materials, components and techniques to design and make quality products.
- evaluate work as it develops and if necessary, suggest alternatives.
- produce designs and plans which list the stages involved in making a product and list tools and materials used.

Design and Technology at KS2.

- accurately measure, mark out, join and combine a variety of materials working safely and recognizing hazards.
- evaluate what is or is not working well in a product.