

Design Technology

At Willow Grove School we believe that all children should use their creativity and imagination, to design and make products that solve real and relevant problems within a variety of different contexts. We help children to consider their own and others' needs, want and values.

Our curriculum combines skills and knowledge to enable our children to attempt to tackle real problems.

We aim to improve our children's thinking, problem solving, practical capabilities and evaluation skills.

Intent

To develop creativity, technical skills and practical experiences to perform everyday tasks confidently and participate successfully in an increasingly technological world.

To provide our children with the opportunity to build and apply a repertoire of skills in order to design and make prototypes and products for a wide range of users.

To develop our children's skills to critique, evaluate and test their ideas and products and the work of others.

For our children to develop an understanding of and apply the principles of nutrition and learn how to cook.

To provide a skills and vocabulary based design and technology curriculum which is progressive and sequenced.

To offer our children new and exciting opportunities and experiences to learn.

To promote our school values and British Values.

To prepare our children for the next steps in their learning.

Areas for skills development

To develop the **creative, technical and practical expertise** needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world

To build and apply knowledge, understanding, and skills in order to **design and make** high-quality prototypes and products

To be able to critique, **evaluate and test** their ideas and products

To understand and apply the principles of **nutrition** and learn how to cook