



Design Technology

Intent Statement

What is the intent of the Design and Technology curriculum at Sir Alexander Fleming Primary School?

At Sir Alexander Fleming Primary School, we aim to provide all children with a broad and balanced curriculum which prepares them for life beyond primary education. We encourage children to use their creativity and imagination, to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values.

Design and Technology is an inspiring, rigorous, and practical subject. It can be found in many of the objects children use each day and is a part of children's immediate experiences. Design and Technology encourages children to learn to think and intervene creatively to solve problems both as individuals and as members of a team. Making mistakes is a huge part of Design and Technology and integral to learning. Enabling our children to prepare for the world of work.

At Sir Alexander Fleming Primary School, the Design and Technology curriculum combines skills, knowledge, concepts and values to enable children to tackle real problems. It can improve analysis, problem solving, practical capability and evaluation skills. We aim to, wherever possible, link work to other disciplines such as mathematics, science, engineering, computing, and art. Our children are encouraged to become innovators and risk-takers. High-quality design and technology education makes an essential contribution to the creativity, culture, wealth and well-being of the nation.

Aims

At Sir Alexander Fleming Primary School, the curriculum for design and technology aims to ensure that all pupils:

- develop the creative, technical, and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
- build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
- critique, evaluate and test their ideas and products and the work of others
- understand and apply the principles of nutrition and learn how to cook.

Each year group takes part in one Design and Technology topic per term. Food technology and cooking skills are also taught one or two other times throughout the year. This may be linked with other subjects or also have a Design focus.

Sarah Vickers
DT Lead