



## Design & Technology (DT) Curriculum Information

The children will be given opportunities to:

- Develop their creative, imaginative, technical and practical expertise needed to design and make products that solve a range of real-life challenges, taking into consideration their own and others' needs, wants and values, so as to become resourceful, innovative, enterprising and capable citizens in an increasingly technological world.
- Build and apply, using their subject knowledge and understanding of maths, science, computing and art, to design and make (understanding risks) high-quality prototypes and products for the home, school, regional, British and global communities.
- Evaluate current and historic designs and technologies, develop a critical understanding of their impact on our daily lives and refine the ideas and products constructed by themselves and others.
- Understand and apply the principles of nutrition, with an awareness of seasonality, to know where and how a variety of ingredients are grown, reared, caught and processed, to enable healthy eating and an interest in the preparation and cooking - an essential life skill - of mostly savoury dishes, using a range of cooking techniques.

DT skills will be taught as an integrated part of a theme based curriculum, with skills being applied in relation to each class' current topic.

### **Assessment of Design and Technology**

At Cotsford Primary it is our intention that all children will at least reach their age related expectations as described in the National Curriculum. However, through a curriculum that is challenging and relevant to the children we expect children to achieve greater than age related expectations.

Children who are not meeting age related expectations will be supported by staff through differentiated tasks and targeted small group work. The direct use of key questions and targeted support will be offered to ensure that any gaps between groups of children are closed.

Assessment of the children's Design and Technology skills will be assessed by the class teacher. There will be a range of evidence to support teacher judgement including sketch books, photographs and assessed pieces of work.

### **Monitoring of Design and Technology**

The quality of the learning across the school is monitored by the Design and Technology Subject Lead Teacher.

Monitoring includes the Subject Lead Teacher observing learning within lessons, planning scrutiny, work scrutiny and discussions with children. Analysis of data is also undertaken to ensure that standards are high and that improvements are made where necessary.

Training is offered to all Subject Lead Teachers to ensure that their knowledge and skills are up to date and accurate.

The Subject Lead Teacher meets with the Special Interest Governor for Design and Technology to share school improvement plan initiatives with them and ensure that governors are aware of standards across the school.