



Sandhill Primary School



Our Vision for Our Subject

DESIGN AND TECHNOLOGY

Intent:

We have designed our curriculum so that our learners:

- ✓ Develop a creative and technical and imaginatively thinking and the confidence to participate successfully in an increasingly technical world
- ✓ Develop their technical knowledge in order to make and design prototypes and test their ideas and problem -solving skills
- ✓ Take an interest in the technological processes involved in the products which surround them, and to recognise the contribution of technology to society
- ✓ Are encouraged to critique, evaluate and test their ideas and products
- ✓ Are able to select appropriate tools and techniques when making a product and to give them the skills needed to follow safe procedures
- ✓ Are able to explore topical issues through the use of ART such as pollution or discrimination
- ✓ Find enjoyment, satisfaction and purpose in designing and making things

Implementation:

Our Design and Technology curriculum is taught:

- ✓ As a discrete subject, alternating half termly with Art
- ✓ Using Kapow Primary's Design and Technology scheme of work. This ensures that previous skills and knowledge are returned to and built upon
- ✓ By units that are delivered following the design process: plan, design, make and evaluate
- ✓ To encourage the children to be hands – on in the classroom and teaching a range of skills whilst ensuring they are aware of health and safety issues related to the tasks undertaken
- ✓ So that children are encouraged to apply skills to solve problems individually and in collaborative groups. This enables children to have ownership of their own learning and satisfaction in the outcomes

Impact:

The impact of the Design and Technology curriculum at Sandhill Primary School can be seen through:

- ✓ Our children are able to solve real – life practical problems using innovation and creativity working both individually and collaboratively
- ✓ Our children are able to choose from and use a growing range of tools and materials
- ✓ Our children develop resilience, skills and learning attributes which they can use beyond school
- ✓ Our children are able to use and understand richer technical vocabulary associated with DT
- ✓ Our children can prepare a range of healthy, varied and nutritious dishes
- ✓ The progression of skills with the children's Design and Technology books