



# 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