



Design and Technology Curriculum Statement

Intent

The Design and Technology curriculum has been designed to cover all of the skills, knowledge and understanding as set out in the National Curriculum and Early Years Foundation Stage (EYFS) Statutory Framework. Our curriculum encourages children to think and solve problems creatively both individually and as a member of a team. At Creswell C of E Infant and Nursery school 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. As part of the curriculum children will enhance and develop practical skills which will carry through each stage of their learning and beyond. We aim to, wherever possible, link work to other disciplines such as mathematics, science, engineering, computing and art. Children will be given the opportunity to reflect upon and evaluate past and present design technology within and beyond our community. Children are encouraged to be independent and resilient learners by asking and answering their own questions about design technology, challenging themselves and taking risks.

Implementation

A clear and comprehensive scheme of work in line with the National Curriculum and EYFS Statutory Framework will be detailed in the Long Term Plan for each year group. Whilst the National Curriculum and the EYFS Statutory Framework forms the foundation of our curriculum, we make sure that children learn additional skills, knowledge, develop further understanding, acquire additional vocabulary and experience enhancements to the curriculum as and when appropriate. A more detailed plan incorporating specific learning activities, skills, knowledge and vocabulary will be developed in the Medium Term Plan produced half termly. The design process is followed for each project at the appropriate level for each child including design, make and evaluation. A range of skills will be taught ensuring that children are aware of health and safety issues related to the tasks undertaken. Prior learning will be reviewed after a period of time to ensure that children are able to recall and build on this and progress onto the next stage of learning in Design and Technology. Children will be given the opportunity to work independently solving problems and developing their learning independently and work collaboratively working as part of a team

learning to support and help one another towards a challenging, yet rewarding goal.

Impact

At Creswell C of E Infant and Nursery school, the impact of our Design and Technology curriculum is shown in several ways. Pupil voice shows that children are confident and able to talk about what they have learnt using design technology specific vocabulary. Pupil voice also demonstrates that children enjoy and are able to recall their learning over time. Children's work in design technology demonstrates that the curriculum is taught at an age appropriate standard across each year group with opportunities planned in for pupils working at greater depth. Support will be in place for those children working below the age-related level. Design technology work is of good quality and demonstrates that pupils are acquiring knowledge, skills and vocabulary in an appropriate sequence so that they know more and remember more. Examples of high quality design and technology projects will form part of displays in class and in shared display space in school.