

Design and Technology Intent, Implementation and Impact



Intent

At Charlwood Village Primary School we intend to build a Design Technology curriculum which develops learning and results in the acquisition of knowledge and skills. Pupils will know more, remember more and understand more.

We intend to design a design technology curriculum with appropriate subject knowledge, skills and understanding as set out in the National Curriculum Design Technology Programmes of study, to fulfil the duties of the NC whereby schools must provide a balanced and broadly-based curriculum which promotes the spiritual, moral, cultural, mental and physical development of pupils and prepares them for the opportunities and responsibilities and experiences for later life

Implementation

- Clear and comprehensive scheme of work in line with the National Curriculum. The Design Technology National Curriculum and EYFS is planned for and covered in full within the EYFS, KS1 and KS2 school curriculum. Whilst the EYFS and National Curriculum forms the foundation of our curriculum, we make sure that pupils learn additional skills, knowledge and understanding and enhance our curriculum as and when necessary.
- Charlwood Village Primary School has a bespoke outdoor Design and Technology Workshop which all pupils have access to throughout the year
- Delivery of design and technology projects with a clear structure. Each year group will undertake a construction topic, a textile topic and a food/drink topic.
- Delivery showing clear following of the design process where each project will follow: *research, design, make and evaluate*
- A range of skills will be taught ensuring that pupils are aware of health and safety issues related to the tasks undertaken
- Clear and appropriate cross-curricular links to underpin learning in multi areas across the curriculum giving the pupils opportunities to learn life skills and apply skills to 'hands on' situations in a purposeful context.
- Pupils will undertake design tasks and use skills from across the curriculum to fully explore the design process evaluating work ensuring that it is of the highest possible quality. Pupils are also asked to self-evaluate their work.

- Independent learning: In design technology pupils may well be asked to solve problems and develop their learning independently. This allows the pupils to have ownership over their curriculum and lead their own learning in Design Technology.
- Collaborative learning: In design and technology pupils may well be asked to work as part of a team learning to support and help one another towards a challenging, yet rewarding goal.

Impact

- Pupils will have clear enjoyment and confidence in design and technology that they will then apply to other areas of the curriculum.
- Pupils will ultimately know more, remember more and understand more about Design Technology, demonstrating this knowledge when using tools or skills in other areas of the curriculum and in opportunities out of school.
- The large majority of pupils will achieve age related expectations in Design Technology.
- As designers, pupils will develop skills and attributes they can use beyond school and into adulthood.